



Ying Lu

Professor of Biomedical Data Science and, by courtesy, of Radiology (Molecular Imaging) and of Epidemiology and Population Health

 NIH Biosketch available Online

Bio

ACADEMIC APPOINTMENTS

- Professor, Biomedical Data Science
- Professor (By courtesy), Radiology - Rad/Molecular Imaging Program at Stanford
- Professor (By courtesy), Epidemiology and Population Health
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Director, US VA Cooperative Studies Program Palo Alto Coordinating Center, (2009-2016)
- Co-Director, Center for Innovative Study Design, (2015- present)
- Co-Director, Biostatistics Core, Stanford Cancer Institute, (2016- present)

HONORS AND AWARDS

- The Evelyn Fix Memorial Award, Department of Statistics, University of California, Berkeley (May, 1990)
- Healthstar Osteoporosis Medical Research Award (HOMA) for Achievements in Osteoporosis Research, The Chinese Development Foundation for Science and Technology (October, 2003)
- Advisory Committee Service Award, U.S. Food and Drug Administration (2010)
- Elected Fellow, American Statistical Association (2011)
- ICSA Outstanding Service Award, International Chinese Statistical Association (June 2016)
- Elected Fellow, American Association for the Advancement of Science (2020)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- President Elect (2019), President (2020), Past President (2021), WNAR (2019 - present)
- Associate Editor, JCO Precision Oncology (<http://po.jco.org>) (2016 - present)
- President, The International Chinese Statistical Association (President-Elect, 2013 and Past-President, 2015) (2014 - 2014)

PROFESSIONAL EDUCATION

- BS, Fudan University , Mathematics (1982)
- MS, Shanghai Jiaotong University , Applied Mathematics (1984)
- Ph.D., UC, Berkeley , Biostatistics (1990)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Biostatistics, clinical trials, statistical evaluation of medical diagnostic tests, radiology, osteoporosis, meta-analysis, medical decision making

Teaching

COURSES

2020-21

- Clinical Trial Design in the Age of Precision Medicine and Health: BIODS 248, BIODS 248P (Spr)
- Consulting Workshop on Biomedical Data Science: BIODS 232 (Aut, Win, Spr)

2019-20

- Consulting Workshop on Biomedical Data Science: BIODS 232 (Aut, Win, Spr)

2018-19

- Biomedical Informatics Student Seminar: BIOMEDIN 201 (Aut)
- Consulting Workshop on Biomedical Data Science: BIODS 232 (Aut, Win, Spr)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Chenru Liu, Michael Sklar

Master's Program Advisor

Marilu Bravo, Chia Jui Hung, Ju Yeon Lee, Yiheng Li, Fan Liu, Asha Mehta, Tom Pritsky, Christina Savvides, Victoria Valverde Rambaud, Sherwin Xia

Doctoral (Program)

Josiah Aklilu, Kevin Wu

Publications

PUBLICATIONS

- **Parental age and preterm birth: a population-based cohort of nearly 3 million California livebirths from 2007 to 2012.** *Journal of perinatology : official journal of the California Perinatal Association*
Mayo, J. A., Lu, Y., Stevenson, D. K., Shaw, G. M., Eisenberg, M. L.
2020
- **"SPOCU": scaled polynomial constant unit activation function (November, 10.1007/s00521-020-05182-1, 2020)** *NEURAL COMPUTING & APPLICATIONS*
Kiselak, J., Lu, Y., Svihra, J., Szepe, P., Stehlik, M.
2020
- **Statistical Considerations for Sequential Analysis of the Restricted Mean Survival Time for Randomized Clinical Trials** *STATISTICS IN BIOPHARMACEUTICAL RESEARCH*
Lu, Y., Tian, L.
2020
- **Classification of Two Distinct Wound Types in Recessive Dystrophic Epidermolysis Bullosa: A Retrospective and Cohort Natural History Study.** *Journal of the American Academy of Dermatology*
Solis, D. C., Teng, C., Gorell, E. S., Barriga, M., Nazarov, J., Li, S., Lu, Y., Bruckner, A., Marinkovich, M. P., Tang, J. Y.
2020
- **"SPOCU": scaled polynomial constant unit activation function** *NEURAL COMPUTING & APPLICATIONS*

- Kisel'ak, J., Lu, Y., Svihra, J., Szepe, P., Stehlik, M.
2020
- **Extensions of empirical likelihood and chi-squared-based tests for ordered alternatives** *JOURNAL OF APPLIED STATISTICS*
Carmen Pardo, M., Lu, Y., Franco-Pereira, A. M.
2020
 - **A Curve-Free Bayesian Decision-Theoretic Design for Phase Ia/Ib Trials Considering Both Safety and Efficacy Outcomes** *STATISTICS IN BIOSCIENCES*
Fan, S., Lee, B., Lu, Y.
2020
 - **A Qualitative Study on the Differences Between Trial Populations and the Approved Therapeutic Indications of Antineoplastic Agents by 3 Regulatory Agencies From 2010 to 2018.** *Clinical therapeutics*
Sumi, E., Asada, R., Lu, Y., Ito-Ihara, T., Grimes, K. V.
2020
 - **Statistical Methods in Precision Oncology.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*
Lu, Y., Lee, J. J., Ford, J. M.
2020: JCO1903173
 - **Veterans Affairs Cooperative Studies Program Study #553: Chemotherapy After Prostatectomy for High-risk Prostate Carcinoma: A Phase III Randomized Study.** *European urology*
Lin, D. W., Shih, M. C., Aronson, W., Basler, J., Beer, T. M., Brophy, M., Cooperberg, M., Garzotto, M., Kelly, W. K., Lee, K., McGuire, V., Wang, Y., Lu, et al
2020
 - **Association between preconception paternal health and pregnancy loss in the USA: an analysis of US claims data.** *Human reproduction (Oxford, England)*
Kasman, A. M., Zhang, C. A., Li, S., Lu, Y., Lathi, R. B., Stevenson, D. K., Shaw, G. M., Eisenberg, M. L.
2020
 - **On the empirical choice of the time window for restricted mean survival time.** *Biometrics*
Tian, L., Jin, H., Uno, H., Lu, Y., Huang, B., Anderson, K. M., Wei, L. J.
2020
 - **Exact inference for the random-effect model for meta-analyses with rare events.** *Statistics in medicine*
Gronsbell, J., Hong, C., Nie, L., Lu, Y., Tian, L.
2019
 - **Fredholm integral relation between compound estimation and prediction (FIRCEP)** *STOCHASTIC ANALYSIS AND APPLICATIONS*
Stehlik, M., Kisel'ak, J., Bukina, E., Lu, Y., Baran, S.
2019
 - **In-Stent Restenosis in Saphenous Vein Grafts: Insights From the DIVA trial**
Xenogiannis, I., Rangan, B., Uyeda, L., Banerjee, S., Edson, R., Bhatt, D., Holmes, D., Rao, S., Mavromatis, K., Ramanathan, K., McFalls, E., Garcia, S., Uretsky, et al
ELSEVIER SCIENCE INC.2019: B661
 - **Disease burden in offspring is associated with changing paternal demographics in the United States.** *Andrology*
Greenberg, D. R., Khandwala, Y. S., Lu, Y., Stevenson, D. K., Shaw, G. M., Eisenberg, M. L.
2019
 - **How to Prevent a Leaky Pipeline in Academic Radiology: Insights From a Faculty Survey** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*
Daldrup-Link, H., Villavasso, K., Zhao, Q., Lu, Y., Ranieri, A., Simard, C., Gambhir, S.
2019; 16 (9): 1220–24
 - **ON FEATURE ENSEMBLE OPTIMIZING THE SENSITIVITY AND PARTIAL ROC CURVE** *STATISTICA SINICA*
Zhang, Z., Lu, Y., Tian, L.
2019; 29 (3): 1395–1418
 - **Differences in Receiving Eye Care Based on Dementia Status**
Pershing, S., Goldstein, M. K., Henderson, V. W., Lu, Y., Bundorf, M., Rahman, M., Andrews, C., Stein, J. D.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2019

- **Design of randomized controlled confirmatory trials using historical control data to augment sample size for concurrent controls** *JOURNAL OF BIOPHARMACEUTICAL STATISTICS*
Yuan, J., Liu, J., Zhu, R., Lu, Y., Palm, U.
2019; 29 (3): 558–73
- **Corrigendum to "Design of VA Cooperative Study #591: CERV-PTSD, Comparative Effectiveness Research in Veterans with PTSD" [Contemp. Clin. Trials 41 (2015) 75-84].** *Contemporary clinical trials*
Schnurr, P. P., Chard, K. M., Ruzek, J. I., Chow, B. K., Shih, M., Resick, P. A., Foa, E. B., Marx, B. P., Huang, G. D., Lu, Y.
2019
- **LUNG DISEASE IN SYSTEMIC JIA: AN EMERGING PROBLEM LINKED WITH YOUNG AGE AND ANTI-IL-1/IL-6**
Chen, G., Saper, V., Deutsch, G., Guillerman, R. P., Jagadeesh, K., Schultert, G., Canna, S., Lu, Y., Birgmeier, J., Leung, A., Grom, A., Bejerano, G., Davis, et al
BMJ PUBLISHING GROUP.2019: A57
- **Parental age and stillbirth: a population-based cohort of nearly 10 million California deliveries from 1991 to 2011** *ANNALS OF EPIDEMIOLOGY*
Mayo, J. A., Lu, Y., Stevenson, D. K., Shaw, G. M., Eisenberg, M. L.
2019; 31: 32–37
- **Optimizing Clinical Use of Biologics in Orthopaedic Surgery: Consensus Recommendations From the 2018 AAOS/NIH U-13 Conference** *JOURNAL OF THE AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS*
Chu, C. R., Rodeo, S., Bhutani, N., Goodrich, L. R., Huard, J., Irrgang, J., LaPrade, R. F., Lattermann, C., Lu, Y., Mandelbaum, B., Mao, J., McIntyre, L., Mishra, et al
2019; 27 (2): E50–E63
- **Differences in Cataract Surgery Rates Based on Dementia Status** *JOURNAL OF ALZHEIMERS DISEASE*
Pershing, S., Henderson, V. W., Bundorf, M., Lu, Y., Rahman, M., Andrews, C. A., Goldstein, M., Stein, J. D.
2019; 69 (2): 423–32
- **The Official Positions of the International Society for Clinical Densitometry: Cross Calibration, Least Significant Change, and Quality Assurance in Multiple Dual-Energy X-Ray Absorptiometry Scanner Environments.** *Journal of clinical densitometry : the official journal of the International Society for Clinical Densitometry*
Jankowski, L. G., Warner, S., Gaither, K., Lenchik, L., Fan, B., Lu, Y., Shepherd, J.
2019
- **How to Prevent a Leaky Pipeline in Academic Radiology: Insights From a Faculty Survey.** *Journal of the American College of Radiology : JACR*
Daldrup-Link, H., Villavasso, K., Zhao, Q., Lu, Y., Ranieri, A., Simard, C., Gambhir, S. S.
2019
- **Association of paternal age with perinatal outcomes between 2007 and 2016 in the United States: population based cohort study** *BMJ-BRITISH MEDICAL JOURNAL*
Khandwala, Y. S., Baker, V. L., Shaw, G. M., Stevenson, D. K., Lu, Y., Eisenberg, M. L.
2018; 363
- **Intraoperative Imaging with a Portable Gamma Camera May Reduce the False-Negative Rate for Melanoma Sentinel Lymph Node Surgery**
Leong, S. P., Wu, M., Lu, Y., Torre, D. M., von Bakonyi, A., Ospina, A. M., Newsom, J. D., Luckett, W. S., Soon, C. W., Kim, K. B., Kashani-Sabet, M.
SPRINGER.2018: 3326–33
- **Drug-eluting stents versus bare-metal stents in saphenous vein grafts: a double-blind, randomised trial** *LANCET*
Brilakis, E. S., Edson, R., Bhatt, D. L., Goldman, S., Holmes, D. R., Rao, S. V., Shunk, K., Rangan, B. V., Mavromatis, K., Ramanathan, K., Bavry, A. A., Garcia, S., Latif, et al
2018; 391 (10134): 1997–2007
- **Trial of Prazosin for Post-Traumatic Stress Disorder in Military Veterans.** *The New England journal of medicine*
Raskind, M. A., Peskind, E. R., Chow, B., Harris, C., Davis-Karim, A., Holmes, H. A., Hart, K. L., McFall, M., Mellman, T. A., Reist, C., Romesser, J., Rosenheck, R., Shih, et al
2018; 378 (6): 507–17
- **Statistical Considerations for Quantitative Imaging Measures in Clinical Trials**
Lu, Y., Peace, K. E., Chen, D. G., Menon, S.
SPRINGER-VERLAG SINGAPORE PTE LTD.2018: 219–40

- **Adaptive Designs** *ONCOLOGY CLINICAL TRIALS: SUCCESSFUL DESIGN, CONDUCT, AND ANALYSIS, 2ND EDITION*
Lai, T. L., Lu, Y., Tsang, K., Kelly, W. K., Halabi, S.
2018: 176–85
- **Prior-free probabilistic interval estimation for binomial proportion** *Test*
Lu, H., Jin, H., Wang, Z., Chen, C., Lu, Y.
2018
- **Short-term changes on MRI predict long-term changes on radiography in rheumatoid arthritis: an analysis by an OMERACT Task Force of pooled data from four randomised controlled trials** *ANNALS OF THE RHEUMATIC DISEASES*
Peterfy, C., Strand, V., Tian, L., Ostergaard, M., Lu, Y., DiCarlo, J., Countryman, P., Deodhar, A., Landewe, R., Ranganath, V. K., Troum, O., Conaghan, P. G.
2017; 76 (6): 992-997
- **Deep Sequencing of Urinary RNAs for Bladder Cancer Molecular Diagnostics.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
Sin, M. L., Mach, K. E., Sinha, R., Wu, F., Trivedi, D., Altobelli, E., Jensen, K. C., Sahoo, D., Lu, Y., Liao, J. C.
2017
- **Cross-sectional design with a short-term follow up for prognostic imaging biomarkers** *Computational Statistics & Data Analysis*
Won, J., Wu, X., Li, S. H., Lu, Y.
2017
- **Is the non-sentinel lymph node compartment the next site for melanoma progression from the sentinel lymph node compartment in the regional nodal basin?** *Clinical & experimental metastasis*
Rios-Cantu, A., Lu, Y., Melendez-Elizondo, V., Chen, M., Gutierrez-Range, A., Fadaki, N., Thummala, S., West-Coffee, C., Cleaver, J., Kashani-Sabet, M., Leong, S. P.
2017; 34 (5): 345–50
- **Rationale and design of the Drug-Eluting Stents vs Bare-Metal Stents in Saphenous Vein Graft Angioplasty (DIVA) Trial.** *Clinical cardiology*
Brilakis, E. S., Banerjee, S., Edson, R., Shunk, K., Goldman, S., Holmes, D. R., Bhatt, D. L., Rao, S. V., Smith, M. W., Sather, M., Colling, C., Kar, B., Nielsen, et al
2017
- **The age of fathers in the USA is rising: an analysis of 168 867 480 births from 1972 to 2015.** *Human reproduction (Oxford, England)*
Khandwala, Y. S., Zhang, C. A., Lu, Y., Eisenberg, M. L.
2017; 32 (10): 2110–16
- **New tree structured survival analysis for hip fracture of SOF data** *STATISTICS AND ITS INTERFACE*
Jin, H., Lu, Y.
2017; 10 (2): 199-205
- **A New Overall-Subgroup Simultaneous Test for Optimal Inference in Biomarker-Targeted Confirmatory Trials** *Statistics in Biosciences*
Belitskaya, I., Wang, H., Shih, M., Tian, L., Doros, G., Lew, R. A., Lu, Y.
2017
- **Short-term changes on MRI predict long-term changes on radiography in rheumatoid arthritis: an analysis by an OMERACT Task Force of pooled data from four randomised controlled trials.** *Annals of the rheumatic diseases*
Peterfy, C., Strand, V., Tian, L., Østergaard, M., Lu, Y., DiCarlo, J., Countryman, P., Deodhar, A., Landewé, R., Ranganath, V. K., Troum, O., Conaghan, P. G.
2016
- **American Joint Committee on Cancer acceptance criteria for inclusion of risk models for individualized prognosis in the practice of precision medicine.** *CA: a cancer journal for clinicians*
Kattan, M. W., Hess, K. R., Amin, M. B., Lu, Y., Moons, K. G., Gershengwald, J. E., Gimotty, P. A., Guinney, J. H., Halabi, S., Lazar, A. J., Mahar, A. L., Patel, T., Sargent, et al
2016; 66 (5): 370-374
- **Solutions for quantifying P-value uncertainty and replication power.** *Nature methods*
Lazzeroni, L. C., Lu, Y., Belitskaya-Lévy, I.
2016; 13 (2): 107-108
- **Acupuncture for chronic knee pain: a protocol for an updated systematic review** *BMJ OPEN*

- Zhang, Q., Yue, J., Sun, Z., Lu, Y.
2016; 6 (2)
- **Transparent Communication of Radiology Research: Reporting Guidelines and Beyond.** *Academic radiology*
Lu, Y., Ioannidis, J. P.
2016; 23 (5): 529–30
 - **A curve-free Bayesian decision-theoretic design for two-agent phase I trials.** *Journal of biopharmaceutical statistics*
Lee, B. L., Fan, S. K., Lu, Y.
2016
 - **Decision tree methods: applications for classification and prediction.** *Shanghai archives of psychiatry*
Song, Y., Lu, Y.
2015; 27 (2): 130–35
 - **Design of VA Cooperative Study #591: CERV-PTSD, Comparative Effectiveness Research in Veterans with PTSD** *CONTEMPORARY CLINICAL TRIALS*
Schnurr, P. P., Chard, K. M., Ruzek, J., Chow, B. K., Shih, M., Resick, P. A., Foa, E. B., Marx, B. P., Huang, G. D., Lu, Y.
2015; 41: 75-84
 - **Development and application of a diagnostic algorithm for posttraumatic stress disorder.** *Psychiatry research*
James, L. M., Belitskaya-Lévy, I., Lu, Y., Wang, H., Engdahl, B. E., Leuthold, A. C., Georgopoulos, A. P.
2015; 231 (1): 1-7
 - **The debate about p-values.** *Shanghai archives of psychiatry*
Lu, Y., Belitskaya-Levy, I.
2015; 27 (6): 381–85
 - **P-values in genomics: Apparent precision masks high uncertainty** *MOLECULAR PSYCHIATRY*
Lazzeroni, L. C., Lu, Y., Belitskaya-Levy, I.
2014; 19 (12): 1336-1340
 - **Rank regression: an alternative regression approach for data with outliers.** *Shanghai archives of psychiatry*
Chen, T., Tang, W., Lu, Y., Tu, X.
2014; 26 (5): 310-315
 - **Log-transformation and its implications for data analysis.** *Shanghai archives of psychiatry*
Feng, C., Wang, H., Lu, N., Chen, T., He, H., Lu, Y., Tu, X. M.
2014; 26 (2): 105-109
 - **A simple Bayesian decision-theoretic design for dose-finding trials** *STATISTICS IN MEDICINE*
Fan, S. K., Lu, Y., Wang, Y.
2012; 31 (28): 3719-3730
 - **Tree-structured Subgroup Analysis of Receiver Operating Characteristic Curves for Diagnostic Tests** *ACADEMIC RADIOLOGY*
Li, C., Glueck, C., Eastell, R., Felsenberg, D., Reid, D. M., Roux, C., Lu, Y.
2012; 19 (12): 1529-1536
 - **On the Time to Conclusion of Phase II Cancer Clinical Trials and Its Application in Trial Designs** *STATISTICS IN BIOPHARMACEUTICAL RESEARCH*
2012; 4 (4): 324-335
 - **A multinational study to develop universal standardization of whole-body bone density and composition using GE Healthcare Lunar and Hologic DXA systems** *JOURNAL OF BONE AND MINERAL RESEARCH*
Shepherd, J. A., Fan, B., Lu, Y., Wu, X. P., Wacker, W. K., Ergun, D. L., Levine, M. A.
2012; 27 (10): 2208-2216
 - **How to avoid missing data and the problems they pose: design considerations.** *Shanghai archives of psychiatry*
Lin, J. Y., Lu, Y., Tu, X.
2012; 24 (3): 181-184
 - **The first multicenter and randomized clinical trial of herbal Fufang for treatment of postmenopausal osteoporosis** *OSTEOPOROSIS INTERNATIONAL*
Zhu, H. M., Qin, L., Garnerio, P., Genant, H. K., Zhang, G., Dai, K., Yao, X., Gu, G., Hao, Y., Li, Z., Zhao, Y., Li, W., Yang, et al

2012; 23 (4): 1317-1327

- **On the Time to Conclusion of Phase II Cancer Clinical Trials and Its Application in Trial Designs** *Statistics in Biopharmaceutical Research*
Ying Lu, Sheng-Hui Kelly Fan
2012; 4 (4): 324-335
- **Optimal Monitoring Time Interval Between DXA Measures in Children** *JOURNAL OF BONE AND MINERAL RESEARCH*
Shepherd, J. A., Wang, L., Fan, B., Gilsanz, V., Kalkwarf, H. J., Lappe, J., Lu, Y., Hangartner, T., Zemel, B. S., Fredrick, M., Oberfield, S., Winer, K. K.
2011; 26 (11): 2745-2752
- **Cost-Saving Tree-Structured Survival Analysis for Hip Fracture of Study of Osteoporotic Fractures Data** *MEDICAL DECISION MAKING*
Jin, H., Lu, Y.
2011; 31 (2): 299-307
- **Bayesian Decision Analysis for Choosing Between Diagnostic/Prognostic Prediction Procedures** *Statistics and Its Interface*
Kornak J, Lu Y
2011; 4 (1): 27-36
- **Bayesian decision analysis for choosing between diagnostic/prognostic prediction procedures.** *Statistics and its interface*
Kornak, J., Lu, Y.
2011; 4 (1): 27-36
- **Bayesian decision analysis for choosing between diagnostic/prognostic prediction procedures** *STATISTICS AND ITS INTERFACE*
Kornak, J., Lu, Y.
2011; 4 (1): 27-36
- **Topographic enhancement mapping of the cancer-associated breast stroma using breast MRI** *INTEGRATIVE BIOLOGY*
Nabavizadeh, N., Klifa, C., Newitt, D., Lu, Y., Chen, Y., Hsu, H., Fisher, C., Tokayasu, T., Olshen, A. B., Spellman, P., Gray, J. W., Hylton, N., Park, et al
2011; 3 (4): 490-496
- **Does standardized BMD still remove differences between Hologic and GE-Lunar state-of-the-art DXA systems?** *OSTEOPOROSIS INTERNATIONAL*
Fan, B., Lu, Y., Genant, H., Fuerst, T., Shepherd, J.
2010; 21 (7): 1227-1236
- **A statistical method (cross-validation) for bone loss region detection after spaceflight** *AUSTRALASIAN PHYSICAL & ENGINEERING SCIENCES IN MEDICINE*
Zhao, Q., Li, W., Li, C., Chu, P. W., Kornak, J., Lang, T. F., Fang, J., Lu, Y.
2010; 33 (2): 163-169
- **Evaluating the improvement in diagnostic utility from adding new predictors** *BIOMETRICAL JOURNAL*
Li, C., Lu, Y.
2010; 52 (3): 417-435
- **A survey of bone mineral density of healthy Han adults in China** *OSTEOPOROSIS INTERNATIONAL*
Zhu, H., Fang, J., Luo, X., Yu, W., Zhao, Y., Li, X., Du, J., Lu, Y.
2010; 21 (5): 765-772
- **Basal Cell Carcinoma Chemoprevention with Nonsteroidal Anti-inflammatory Drugs in Genetically Predisposed PTCH1(+/-) Humans and Mice** *CANCER PREVENTION RESEARCH*
Tang, J. Y., Aszterbaum, M., Athar, M., Barsanti, F., Cappola, C., Estevez, N., Hebert, J., Hwang, J., Khaimskiy, Y., Kim, A., Lu, Y., So, P., Tang, et al
2010; 3 (1): 25-34
- **Integrating tobacco cessation into mental health care for posttraumatic stress disorder: a randomized controlled trial** *JAMA*
McFall M, Saxon AJ; Malte CA; Chow B; Bailey S; Baker DG; Beckham JC; Boardman KD; Carmod TP; Joseph AM; Smith MW; Shih MC; Lu Y; Holodniy M; Lavori PW
2010; 304 (22): 2485-93
- **An optical imaging method to monitor stem cell migration in a model of immune-mediated arthritis** *OPTICS EXPRESS*
Sutton, E. J., Boddington, S. E., Nedopil, A. J., Henning, T. D., Demos, S. G., Baehner, R., Sennino, B., Lu, Y., Daldrup-Link, H. E.
2009; 17 (26): 24403-24413

- **Comparison of correlated proportions based on paired binary data from clustered samples** *JOURNAL OF STATISTICAL PLANNING AND INFERENCE*
Jin, H., Lu, Y.
2009; 139 (12): 4206–12
- **Bone fracture risk estimation based on image similarity** *BONE*
Li, W., Kornak, J., Harris, T. B., Keyak, J., Li, C., Lu, Y., Cheng, X., Lang, T.
2009; 45 (3): 560-567
- **Prognostic Implications of Positive Nonsentinel Lymph Nodes Removed During Selective Sentinel Lymphadenectomy for Breast Cancer** *BREAST JOURNAL*
Lang, J. E., Liu, L., Lu, Y., Jenkins, T., Hwang, S. E., Esserman, L. J., Ewing, C. A., Alvarado, M., Morita, E., Treseler, P., Leong, S. P.
2009; 15 (3): 242-246
- **Identify fracture-critical regions inside the proximal femur using statistical parametric mapping** *BONE*
Li, W., Kornak, J., Harris, T., Keyak, J., Li, C., Lu, Y., Cheng, X., Lang, T.
2009; 44 (4): 596-602
- **Reduction in proximal femoral strength due to long-duration spaceflight** *BONE*
Keyak, J. H., Koyama, A. K., Leblanc, A., Lu, Y., Lang, T. F.
2009; 44 (3): 449-453
- **Comparison of correlated proportions based on paired binary data from clustered samples** *Journal of Statistical Planning and Inference*
Jin H, Lu Y
2009; 139 (12): 4217-4223
- **The ROC region of a regression tree** *Statistics and Probability Letters*
Jin H, Lu Y
2009; 79 (7): 936-942
- **Permutation test for non-inferiority of the linear to the optimal combination of multiple tests** *Statistics and Probability Letters*
Jin H, Lu Y
2009; 79 (5): 664-669
- **Design Issues in Dose-Finding Phase I Trials for Combinations of Two Agents** *JOURNAL OF BIOPHARMACEUTICAL STATISTICS*
Fan, S. K., Venook, A. P., Lu, Y.
2009; 19 (3): 509-523
- **A non-inferiority test of areas under two parametric ROC curves** *Contemp Clin Trials*
Jin H, Lu Y
2009; 30 (4): 375-379
- **The optimal linear combination of multiple predictors under the generalized linear models** *Statistics and Probability Letters*
Jin H, Lu Y
2009; 79 (22): 2321-2327
- **An update survey of academic radiologists' clinical productivity.** *Journal of the American College of Radiology*
Lu, Y., Zhao, S., Chu, P. W., Arenson, R. L.
2008; 5 (7): 817-826
- **Invasive breast cancer: Predicting disease recurrence by using high-spatial-resolution signal enhancement ratio imaging** *RADIOLOGY*
Li, K., Partridge, S. C., Joe, B. N., Gibbs, J. E., Lu, Y., Esserman, L. J., Hylton, N. M.
2008; 248 (1): 79-87
- **Comparing BMD results between two similar DXA systems using the generalized least significant change** *JOURNAL OF CLINICAL DENSITOMETRY*
Shepherd, J. A., Morgan, S. L., Lu, Y.
2008; 11 (2): 237-242
- **Whole brain voxel-wise analysis of single-subject serial DTI by permutation testing** *NEUROIMAGE*
Chung, S., Pelletier, D., Sdika, M., Lu, Y., Berman, J. L., Henry, R. G.
2008; 39 (4): 1693-1705

- **A procedure for determining whether a simple combination of diagnostic tests may be non-inferior to the theoretical optimum combination** *Medical Decision Making*
Jin H, Lu Y
2008; 28 (6): 909-916
- **A generalized least significant change for individuals measured on different DXA systems** *JOURNAL OF CLINICAL DENSITOMETRY*
Shepherd, J. A., Lu, Y.
2007; 10 (3): 249-258
- **Comparison of bootstrap approaches for estimation of uncertainties of DTI parameters** *NEUROIMAGE*
Chung, S., Lu, Y., Henry, R. G.
2006; 33 (2): 531-541
- **Quality and performance measures in bone densitometry - Part 2: Fracture risk** *OSTEOPOROSIS INTERNATIONAL*
Glueer, C. C., Lu, Y., Engelke, K.
2006; 17 (10): 1449-1458
- **Adaptation of the proximal femur to skeletal reloading after long-duration spaceflight** *JOURNAL OF BONE AND MINERAL RESEARCH*
Lang, T. F., Leblanc, A. D., Evans, H. J., Lu, Y.
2006; 21 (8): 1224-1230
- **Reduction of sampling bias of odds ratios for vertebral fractures using propensity scores** *OSTEOPOROSIS INTERNATIONAL*
Lu, Y., Jin, H., Chen, M. H., Gluer, C. C.
2006; 17 (4): 507-520
- **Cross-calibration and minimum precision standards for dual-energy x-ray absorptiometry: The 2005 ISCD official positions** *JOURNAL OF CLINICAL DENSITOMETRY*
Shepherd, J. A., Lu, Y., Wilson, K., Fuerst, T., Genant, H., Hangartner, T. N., Wilson, C., Hans, D., Leib, E. S.
2006; 9 (1): 31-36
- **Prostate cancer: Endorectal MR imaging and MR spectroscopic imaging - Distinction of true-positive results from chance-detected lesions** *RADIOLOGY*
Hom, J. J., Coakley, F. V., Simko, J. P., Qayyum, A., Lu, Y., Schmitt, L., Carroll, P. R., Kurhanewicz, J.
2006; 238 (1): 192-199
- **Detection of hepatocellular carcinoma by ferumoxides-enhanced MR imaging in cirrhosis: Incremental value of dynamic gadolinium-enhancement** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
Qayyum, A., Thoeni, R. F., Coakley, F. V., Lu, Y., Guay, J. P., Ferrell, L. D.
2006; 23 (1): 17-22
- **The academic radiologist's clinical productivity: An update** *ACADEMIC RADIOLOGY*
Lu, Y., Arenson, R. L.
2005; 12 (9): 1211-1223
- **Indeterminate ovarian mass at US: Incremental value of second imaging test for characterization-meta-analysis and Bayesian analysis** *RADIOLOGY*
Kinkel, K., Lu, Y., Mehdizade, A., Pelte, M. F., Hricak, H.
2005; 236 (1): 85-94
- **Towards standardization of dual X-ray absorptiometry (DXA) at the forearm - A common region of interest (ROI) improves the comparability among DXA devices** *CALCIFIED TISSUE INTERNATIONAL*
Prevrhal, S., Lu, Y., Genant, H. K., Toschke, J. O., Shepherd, J. A.
2005; 76 (5): 348-354
- **Design of phase II cancer trials with both total and complete responses.** *Statistics in Medicine*
Lu Y, Jin H; Lamborn K
2005; 24 (20): 3155-70
- **Alternative tree-structured survival analysis based on variance of survival time** *MEDICAL DECISION MAKING*
Jin, H., Lu, Y., Stone, K., Black, D. M.
2004; 24 (6): 670-680

- **Classification algorithms for hip fracture prediction based on recursive partitioning methods** *MEDICAL DECISION MAKING*
Jin, H., Lu, Y., Harris, S. T., Black, D. M., Stone, K., Hochberg, M. C., Genant, H.
2004; 24 (4): 386-398
- **Whole-organ magnetic resonance imaging score (WORMS) of the knee in osteoarthritis** *OSTEOARTHRITIS AND CARTILAGE*
Peterfy, C. G., Guermazi, A., Zaim, S., Tirman, P. F., Miaux, Y., White, D., Kothari, M., Lu, Y., Fye, K., Zhao, S., Genant, H. K.
2004; 12 (3): 177-190
- **On comparison of two classification methods with survival endpoints** *Handbook of Statistics: Advances in Survival Analysis*
Lu Y, Jin H; Mi J
2004; 23: 43-59
- **On the non-inferiority of a, diagnostic test based on paired observations** *STATISTICS IN MEDICINE*
Lu, Y., Jin, H., Genant, H. K.
2003; 22 (19): 3029-3044
- **Measuring stem cell frequency in epidermis: A quantitative in vivo functional assay for long-term repopulating cells** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Schneider, T. E., Barland, C., Alex, A. M., Mancianti, M. L., Lu, Y., Cleaver, J. E., Lawrence, H. J., Ghadially, R.
2003; 100 (20): 11412-11417
- **Study of hip fracture risk using tree structured survival analysis** *J. Miner. Stoffwechs*
Lu, Y., Black, D., Mathur, A. K., Genant, H. K.
2003; 10 (1): 11-16
- **Detection of hepatic metastases from cancers of the gastrointestinal tract by using noninvasive imaging methods (US, CT, MR imaging, PET): A meta-analysis** *RADIOLOGY*
Kinkel, K., Lu, Y., Both, M., Warren, R. S., Thoeni, R. F.
2002; 224 (3): 748-756
- **Receiver operating characteristic (ROC) analysis for diagnostic examinations with uninterpretable cases** *STATISTICS IN MEDICINE*
Lu, Y., Heller, D. N., Zhao, S. J.
2002; 21 (13): 1849-1865
- **Statistical issues in classification and diagnosis of osteoporosis** *Chinese Journal of Bone Tumor and Bone Disease*
Lu, Y., Zhao, Y.
2002; 1 (5): 289-293
- **Classification of osteoporosis based on bone mineral densities** *JOURNAL OF BONE AND MINERAL RESEARCH*
Lu, Y., Genant, H. K., Shepherd, J., Zhao, S. J., Mathur, A., Fuerst, T. P., Cummings, S. R.
2001; 16 (5): 901-910
- **Standardization of bone mineral density at femoral neck, trochanter and Ward's triangle** *OSTEOPOROSIS INTERNATIONAL*
Lu, Y., Fuerst, T., Hui, S., Genant, H. K.
2001; 12 (6): 438-444
- **Long-term effectiveness evaluation and prediction of hepatitis B vaccination with a mathematical model in Shanghai** *International Journal of Epidemiology*
Zhao S, Xu Z; Lu Y
2000; 29: 744-52
- **Comparative calibration without a gold standard** *STATISTICS IN MEDICINE*
Lu, Y., Ye, K. Y., Mathur, A. K., Hui, S., Fuerst, T. P., Genant, H. K.
1997; 16 (16): 1889-1905
- **Noninvasive assessment of bone mineral and structure: State of the art** *JOURNAL OF BONE AND MINERAL RESEARCH*
Genant, H. K., Engelke, K., Fuerst, T., Gluer, C. C., Grampp, S., Harris, S. T., Jergas, M., Lang, T., Lu, Y., Majumdar, S., Mathur, A., Takada, M.
1996; 11 (6): 707-730
- **Dual X-ray absorptiometry quality control: Comparison of visual examination and process-control charts** *JOURNAL OF BONE AND MINERAL RESEARCH*

-
- Lu, Y., Mathur, A. K., Blunt, B. A., Gluer, C. C., Will, A. S., Fuerst, T. P., Jergas, M. D., ANDRIANO, K. N., Cummings, S. R., Genant, H. K.
1996; 11 (5): 626-637
- **ON THE SAMPLE-SIZE FOR ONE-SIDED EQUIVALENCE OF SENSITIVITIES BASED UPON MCNEMARS TEST** *STATISTICS IN MEDICINE*
Lu, Y., Bean, J. A.
1995; 14 (16): 1831-1839
 - **ANALYSIS OF ANIMAL CARCINOGENICITY EXPERIMENTS WITH MULTIPLE TUMOR TYPES** *BIOMETRICS*
Lu, Y., MALANI, H. M.
1995; 51 (1): 73-86
 - **ACCURATE ASSESSMENT OF PRECISION ERRORS - HOW TO MEASURE THE REPRODUCIBILITY OF BONE DENSITOMETRY TECHNIQUES** *OSTEOPOROSIS INTERNATIONAL*
Gluer, C. C., Blake, G., Lu, Y., Blunt, B. A., Jergas, M., Genant, H. K.
1995; 5 (4): 262-270
 - **USING MARKOV-PROCESSES TO DESCRIBE THE PROGNOSIS OF HIV-1 INFECTION** *MEDICAL DECISION MAKING*
Lu, Y., STITT, F. W.
1994; 14 (3): 266-272
 - **ESTIMATING MULTIPLE TUMOR TRANSITION RATES BASED ON DATA FROM SURVIVAL-SACRIFICE EXPERIMENTS** *MATHEMATICAL BIOSCIENCES*
Lu, Y., MALANI, H. M.
1994; 122 (1): 95-125
 - **ANIMAL CARCINOGENICITY EXPERIMENTS WITH AND WITHOUT SERIAL SACRIFICE** *COMMUNICATIONS IN STATISTICS-THEORY AND METHODS*
MALANI, H. M., Lu, Y.
1993; 22 (6): 1557-1584
 - **AUTOMATED SEVERITY CLASSIFICATION OF AIDS HOSPITALIZATIONS** *12TH ANNUAL MEETING OF THE SOC FOR MEDICAL DECISION MAKING / 2ND ANNUAL EDUCATIONAL AND RESEARCH CONF OF THE AMERICAN MEDICAL INFORMATICS ASSOC*
STITT, F. W., Lu, Y., Dickinson, G. M., Klimas, N. G.
HANLEY & BELFUS INC.1991: S41-S45
 - **A Conversation with Tze Leung Lai** *STATISTICAL SCIENCE*
Lu, Y., Small, D. S., Ying, Z.
2021; 36 (1): 158-67
 - **Physical activity and stress management during COVID-19: a longitudinal survey study.** *Psychology & health*
Vogel, E. A., Zhang, J. S., Peng, K., Heaney, C. A., Lu, Y., Lounsbury, D., Hsing, A. W., Prochaska, J. J.
2021: 1-11
 - **Modeling the contribution of the obesity epidemic to the temporal decline in sperm counts.** *Archivio italiano di urologia, andrologia : organo ufficiale [di] Societa italiana di ecografia urologica e nefrologica*
Kasman, A., Del Giudice, F., Shkolyar, E., Porreca, A., Busetto, G. M., Lu, Y., Eisenberg, M. L.
2020; 92 (4)
 - **Characterization of dietary patterns and assessment of their relationships with metabolomic profiles: A community-based study.** *Clinical nutrition (Edinburgh, Scotland)*
Ru, Y., Wang, N., Min, Y., Wang, X., McGurie, V., Duan, M., Xu, X., Zhao, X., Wu, Y., Lu, Y., Hsing, A. W., Zhu, S.
2020
 - **Risk of pre-term births and major birth defects resulting from paternal intake of COVID-19 medications prior to conception.** *BMC research notes*
Rizzi, S., Wensink, M. J., Lindahl-Jacobsen, R., Tian, L., Lu, Y., Eisenberg, M. L.
2020; 13 (1): 509
 - **Receipt of Eye Care Services among Medicare Beneficiaries with and without Dementia.** *Ophthalmology*
Pershing, S., Goldstein, M. K., Henderson, V. W., Bundorf, M. K., Lu, Y., Rahman, M., Stein, J. D.
2020
-

- **Risk of pre-term births and major birth defects resulting from paternal intake of COVID-19 medications prior to conception.** *Research square*
Rizzi, S., Wensink, M. J., Lindahl-Jacobsen, R., Tian, L., Lu, Y., Eisenberg, M.
2020
- **Cataract Surgery Complexity and Surgical Complication Rates among Medicare Beneficiaries with and without Dementia.** *American journal of ophthalmology*
Pershing, S., Henderson, V. W., Goldstein, M. K., Lu, Y., Bundorf, M. K., Rahman, M., Stein, J. D.
2020
- **Kinetics of SARS-CoV-2 positivity of infected and recovered patients from a single center.** *Scientific reports*
Huang, J., Zheng, L., Li, Z., Hao, S., Ye, F., Chen, J., Gans, H. A., Yao, X., Liao, J., Wang, S., Zeng, M., Qiu, L., Li, et al
2020; 10 (1): 18629
- **Intraoperative Imaging with a Portable Gamma Camera May Reduce the False-Negative Rate for Melanoma Sentinel Lymph Node Surgery (vol 25, pg 3326, 2018) ANNALS OF SURGICAL ONCOLOGY**
Leong, S. P., Wu, M., Lu, Y., Torre, D. M., von Bakonyi, A., Ospina, A. M., Newsom, J. D., Luckett, W. S., Soon, C. W., Kim, K. B., Kashani-Sabet, M.
2019; 26: S883
- **Accelerated Cord Atrophy Precedes Conversion to Secondary Progressive Disease in Relapsing Multiple Sclerosis**
Bischof, A., Papinutto, N., Keshavan, A., Zhang, X., Rajesh, A., Sacco, S., Kirkish, G., Gundel, T., Stern, W., Caverzasi, E., Zhao, C., Zhou, Y., Lu, et al
LIPPINCOTT WILLIAMS & WILKINS.2019
- **Correction to: Intraoperative Imaging with a Portable Gamma Camera May Reduce the False-Negative Rate for Melanoma Sentinel Lymph Node Surgery.** *Annals of surgical oncology*
Leong, S. P., Wu, M., Lu, Y., Torre, D. M., von Bakonyi, A., Ospina, A. M., Newsom, J. D., Luckett, W. S., Soon, C. W., Kim, K. B., Kashani-Sabet, M.
2019
- **An XHTML Solution for a Secure EDC System for Traditional Chinese Medicine Clinics Based on ICD-11 MMS Database and E-Signature**
Liang, Z., Kong, J., Xu, N., Liu, B., Lu, Y., Yoo, I. H., Bi, J. B., Hu
IEEE.2019: 2634–41
- **Accelerated cord atrophy precedes conversion to secondary progressive disease in relapsing multiple sclerosis**
Bischof, A., Papinutto, N., Keshavan, A., Zhang, X., Rajesh, A., Sacco, S., Kirkish, G., Gundel, T., Stern, W., Caverzasi, E., Zhao, C., Zhou, Y., Lu, et al
SAGE PUBLICATIONS LTD.2018: 992–93
- **Intraoperative Imaging with a Portable Gamma Camera Reduces the False-negative Rate for Melanoma Sentinel Lymph Node Surgery**
Leong, S. P., Max, W., Lu, Y., Torre, D. M., von Bakonyi, A., Wight, A., Newsom, J., Luckett, W., Kashani-Sabet, M.
SPRINGER.2018: S66
- **Local warming therapy for treating chronic wounds: A systematic review.** *Medicine*
Yue, J. H., Zhang, S. J., Sun, Q., Sun, Z. R., Wang, X. X., Golianu, B., Lu, Y., Zhang, Q.
2018; 97 (12): e9931
- **Updated systematic review and meta-analysis of acupuncture for chronic knee pain.** *Acupuncture in medicine : journal of the British Medical Acupuncture Society*
Zhang, Q., Yue, J., Golianu, B., Sun, Z., Lu, Y.
2017; 35 (6): 392–403
- **Extended report: Short-term changes on MRI predict long-term changes on radiography in rheumatoid arthritis: an analysis by an OMERACT Task Force of pooled data from four randomised controlled trials** *Ann Rheum Dis*
Peterfy, C. G., Strand, V., Tian, L., Ostergaard, M., Lu, Y., et al
2016
- **Acupuncture treatment for chronic knee pain: study by Hinman et al underestimates acupuncture efficacy.** *Acupuncture in medicine*
Zhang, Q., Yue, J., Lu, Y.
2015; 33 (2): 170-?
- **Establishing a data monitoring committee for clinical trials.** *Shanghai archives of psychiatry*
Lin, J. Y., Lu, Y.
2014; 26 (1): 54-56

- **CT of acute appendicitis: can diagnostic accuracy serve as a practical performance metric for readers specialized in abdominal imaging?** *CLINICAL IMAGING*
Chu, L. L., Webb, E. M., Stengel, J. W., Yeh, B. M., Lu, Y., Coakley, F. V.
2014; 38 (1): 56-59
- **Features of Occult Invasion in Biopsy-Proven DCIS at Breast MRI** *BREAST JOURNAL*
Wisner, D. J., Hwang, E. S., Chang, C. B., Tso, H. H., Joe, B. N., Lessing, J. N., Lu, Y., Hylton, N. M.
2013; 19 (6): 650-658
- **Effects of age and sex on the strength and cortical thickness of the femoral neck** *BONE*
Carpenter, R. D., Sigurdsson, S., Zhao, S., Lu, Y., Eiriksdottir, G., Sigurdsson, G., Jonsson, B. Y., Prevrhal, S., Harris, T. B., Siggeirsdottir, K., Guonason, V., Lang, T. F.
2011; 48 (4): 741-747
- **MR Spectroscopy of Normative Premature Newborns** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
Xu, D., Bonifacio, S. L., Charlton, N. N., Vaughan, C. P., Lu, Y., Ferriero, D. M., Vigneron, D. B., Barkovich, A. J.
2011; 33 (2): 306-311
- **Intraoperative Frozen Section Analysis of Sentinel Lymph Nodes in Breast Cancer Patients** *CANCER*
Liu, L., Lang, J. E., Lu, Y., Roe, D., Hwang, S. E., Ewing, C. A., Esserman, L. J., Morita, E., Treseler, P., Leong, S. P.
2011; 117 (2): 250-258
- **Comparison of the Geneat-modified Sharp and van der Heijde-modified Sharp scoring methods for radiographic assessment in rheumatoid arthritis** *International Journal of Clinical Rheumatology*
Peterfy CG, Wu C; Szechinski J; DiCarlo J; Lu Y; Genovese M; Strand V; Genant HK
2011; 6 (1): 15-24
- **Selection of Tumorigenic Melanoma Cells Using ALDH** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
Boonyaratanakornkit, J. B., Yue, L., Strachan, L. R., Scalapino, K. J., LeBoit, P. E., Lu, Y., Leong, S. P., Smith, J. E., Ghadially, R.
2010; 130 (12): 2799-2808
- **Dual-Energy X-ray Absorptiometry With Serum Ferritin Predicts Liver Iron Concentration and Changes in Concentration Better Than Ferritin Alone** *JOURNAL OF CLINICAL DENSITOMETRY*
Shepherd, J. A., Fan, B., Lu, Y., Marquez, L., Salama, K., Hwang, J., Fung, E. B.
2010; 13 (4): 399-406
- **Diagnostic accuracy of dual-source CT coronary angiography: The effect of average heart rate, heart rate variability, and calcium score in a clinical perspective** *ACTA RADIOLOGICA*
Zhang, L., Wu, S., Wang, J., Lu, Y., Zhang, Z., Jiang, S., Zhou, C., Lu, G.
2010; 51 (7): 727-740
- **Densitometric and geometric measurement of the proximal femur in elderly women with and without osteoporotic vertebral fractures by volumetric quantitative multi-slice CT** *JOURNAL OF BONE AND MINERAL METABOLISM*
Wu, S., Qi, J., Lu, Y., Lan, J., Yu, J., Wen, L., Zhang, Z.
2010; 28 (6): 682-689
- **Labeling Human Embryonic Stem Cell-Derived Cardiomyocytes With Indocyanine Green for Noninvasive Tracking With Optical Imaging: An FDA-Compatible Alternative to Firefly Luciferase** *CELL TRANSPLANTATION*
Boddington, S. E., Henning, T. D., Jha, P., Schlieve, C. R., Mandrussow, L., DeNardo, D., Bernstein, H. S., Ritner, C., Golovko, D., Lu, Y., Zhao, S., Daldrup-Link, H. E.
2010; 19 (1): 55-65
- **Transit-Amplifying Cell Frequency and Cell Cycle Kinetics Are Altered in Aged Epidermis** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
Charruyer, A., Barland, C. O., Yue, L., Wessendorf, H. B., Lu, Y., Lawrence, H. J., Mancianti, M. L., Ghadially, R.
2009; 129 (11): 2574-2583
- **MRI of the Spine: Image Quality and Normal-Neoplastic Bone Marrow Contrast at 3 T Versus 1.5 T** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Zhao, J., Krug, R., Xu, D., Lu, Y., Link, T. M.
2009; 192 (4): 873-880

- **PRETREATMENT ENDORECTAL MAGNETIC RESONANCE IMAGING AND MAGNETIC RESONANCE SPECTROSCOPIC IMAGING FEATURES OF PROSTATE CANCER AS PREDICTORS OF RESPONSE TO EXTERNAL BEAM RADIOTHERAPY** *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
Joseph, T., McKenna, D. A., Westphalen, A. C., Coakley, F. V., Zhao, S., Lu, Y., Hsu, I., Roach, M., Kurhanewicz, J.
2009; 73 (3): 665-671
- **Evaluation of diffuse liver steatosis by ultrasound, computed tomography, and magnetic resonance imaging: which modality is best?** *CLINICAL IMAGING*
Qayyum, A., Chen, D. M., Breiman, R. S., Westphalen, A. C., Yeh, B. M., Jones, K. D., Lu, Y., Coakley, F. V., Callen, P. W.
2009; 33 (2): 110-115
- **Diagnostic value of PET/CT for the staging and restaging of pediatric tumors** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Kleis, M., Daldrup-Link, H., Matthay, K., Goldsby, R., Lu, Y., Schuster, T., Schreck, C., Chu, P. W., Hawkins, R. A., Franc, B. L.
2009; 36 (1): 23-36
- **Is It Necessary to Harvest Additional Lymph Nodes after Resection of the Most Radioactive Sentinel Lymph Node in Breast Cancer?** *JOURNAL OF THE AMERICAN COLLEGE OF SURGEONS*
Liu, L., Lang, J. E., Jenkins, T., Lu, Y., Ewing, C. A., Hwang, S. E., Sokol, S., Alvarado, M., Esserman, L. J., Morita, E., Treseler, P., Leong, S. P.
2008; 207 (6): 853-858
- **Improved precision with Hologic Apex software** *OSTEOPOROSIS INTERNATIONAL*
Fan, B., Lewiecki, E. M., Sherman, M., Lu, Y., Miller, P. D., Genant, H. K., Shepherd, J. A.
2008; 19 (11): 1597-1602
- **MRI and CT of Insufficiency Fractures of the Pelvis and the Proximal Femur** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Cabarrus, M. C., Ambekar, A., Lu, Y., Link, T. M.
2008; 191 (4): 995-1001
- **Diagnostic performance of in vivo 3-T MRI for articular cartilage abnormalities in human osteoarthritic knees using histology as standard of reference** *EUROPEAN RADIOLOGY*
Saadat, E., Jobke, B., Chu, B., Lu, Y., Cheng, J., Li, X., Ries, M. D., Majumdar, S., Link, T. M.
2008; 18 (10): 2292-2302
- **Comparison of T-1 and T-2 metabolite relaxation times in glioma and normal brain at 3T** *14th Annual Meeting of the International-Society-for-Magnetic-Resonance-in-Medicine*
Li, Y., Srinivasan, R., Ratiney, H., Lu, Y., Chang, S. M., Nelson, S. J.
JOHN WILEY & SONS INC.2008: 342-50
- **Prostate cancer: Is inapparent tumor at endorectal MR and MR spectroscopic imaging a favorable prognostic finding in patients who select active surveillance?** *RADIOLOGY*
Cabrera, A. R., Coakley, F. V., Westphalen, A. C., Lu, Y., Zhao, S., Shinohara, K., Carroll, P. R., Kurhanewicz, J.
2008; 247 (2): 444-450
- **The feasibility of characterizing the spatial distribution of cartilage T-2 using texture analysis** *OSTEOARTHRITIS AND CARTILAGE*
Blumenkrantz, G., Stahl, R., Carballido-Gamio, J., Zhao, S., Lu, Y., Munoz, T., Le Graverand-Gastineau, M. H., Jain, S. K., Link, T. M., Majumdar, S.
2008; 16 (5): 584-590
- **Prostate cancer: Role of pretreatment MR in predicting outcome after external-beam radiation therapy - Initial experience** *RADIOLOGY*
McKenna, D. A., Coakley, F. V., Westphalen, A. C., Zhao, S., Lu, Y., Webb, E. M., Pickett, B., Roach, M., Kurhanewicz, J.
2008; 247 (1): 141-146
- **Brain metabolite levels assessed by lactate-edited MR spectroscopy in premature neonates with and without pentobarbital sedation** *AMERICAN JOURNAL OF NEURORADIOLOGY*
Wang, Z. J., Vigneron, D. B., Miller, S. P., Mukherjee, P., Charlton, N. N., Lu, Y., Barkovich, A. J.
2008; 29 (4): 798-801
- **Pelvic body composition measurements by quantitative computed tomography: Association with recent hip fracture** *BONE*
Lang, T., Koyama, A., Li, C., Li, J., Lu, Y., Saeed, I., Gazze, E., Keyak, J., Harris, T., Cheng, X.
2008; 42 (4): 798-805
- **Contrast extravasation on CT predicts mortality in primary intracerebral hemorrhage** *AMERICAN JOURNAL OF NEURORADIOLOGY*

- Kim, J., Smith, A., Hemphill, J. C., Smith, W. S., Lu, Y., Dillon, W. P., Wintermark, M.
2008; 29 (3): 520-525
- **Accuracy of plain abdominal radiographs in the detection of retained surgical needles in the peritoneal cavity** *ANNALS OF SURGERY*
Ponrartana, S., Coakley, F. V., Yeh, B. M., Breiman, R. S., Qayyum, A., Joe, B. N., Poder, L., Lu, Y., Gibbs, V. C., Roberts, J. P.
2008; 247 (1): 8-12
 - **Hip fracture risk estimation based on bone mineral density of a biomechanically-guided region of interest: a preliminary study** *Medical Imaging 2008 Conference*
Li, W., Kornak, J., Li, C., Koyama, A., Saeed, I., Lu, Y., Lang, T.
SPIE-INT SOC OPTICAL ENGINEERING.2008
 - **Peripheral zone prostate cancer: Accuracy of different interpretative approaches with MR and MR spectroscopic imaging** *RADIOLOGY*
Westphalen, A. C., Coakley, F. V., Qayyum, A., Swanson, M., Simko, J. P., Lu, Y., Zhao, S., Carroll, P. R., Yeh, B. M., Kurhanewicz, J.
2008; 246 (1): 177-184
 - **Voxel-based modeling and quantification of the proximal femur using inter-subject registration of quantitative CT images** *BONE*
Li, W., Kezele, I., Collins, D. L., Zijdenbos, A., Keyak, J., Kornak, J., Koyama, A., Saeed, I., LeBlanc, A., Harris, T., Lu, Y., Lang, T.
2007; 41 (5): 888-895
 - **Vaccination of metastatic colorectal cancer patients with matured dendritic cells loaded with multiple major histocompatibility complex class I peptides** *JOURNAL OF IMMUNOTHERAPY*
Kavanagh, B., Ko, A., Venook, A., Margolin, K., Zeh, H., Lotze, M., Schillinger, B., Liu, W., Lu, Y., Mitsky, P., Schilling, M., Bercovici, N., Loudovaris, et al
2007; 30 (7): 762-772
 - **Diffusion tensor MR imaging tractography of the pyramidal tracts correlates with clinical motor function in children with congenital hemiparesis** *AMERICAN JOURNAL OF NEURORADIOLOGY*
Glenn, O. A., Ludeman, N. A., Berman, J. I., Wu, Y. W., Lu, Y., Bartha, A. I., Vigneron, D. B., Chung, S. W., Ferriero, D. M., Barkovich, A. J., Henry, R. G.
2007; 28 (9): 1796-1802
 - **Kinetic assessment of breast tumors using high spatial resolution signal enhancement ratio (SER) imaging** *MAGNETIC RESONANCE IN MEDICINE*
Li, K., Henry, R. G., Wilmes, L. J., Gibbs, J., Zhu, X., Lu, Y., Hylton, N. M.
2007; 58 (3): 572-581
 - **AG-013736, a novel inhibitor of VEGF receptor tyrosine kinases, inhibits breast cancer growth and decreases vascular permeability as detected by dynamic contrast-enhanced magnetic resonance imaging** *MAGNETIC RESONANCE IMAGING*
Wilmes, L. J., Pallavicini, M. G., Fleming, L. M., Gibbs, J., Wang, D., Li, K., Partridge, S. C., Henry, R. G., Shalinsky, D. R., Hu-Lowe, D., Park, J. W., McShane, T. M., Lu, et al
2007; 25 (3): 319-327
 - **Disparity between ratios of diameters and blood flows in central pulmonary arteries in postoperative congenital heart disease using MRI** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
Ordovas, K. G., Tan, C., Reddy, G. P., Weber, O. M., Lu, Y., Higgins, C. B.
2007; 25 (4): 721-726
 - **Liver fat: Effect of hepatic iron deposition on evaluation with opposed-phase MR imaging** *RADIOLOGY*
Westphalen, A. C., Qayyum, A., Yeh, B. M., Merriman, R. B., Lee, J. A., Lamba, A., Lu, Y., Coakley, F. V.
2007; 242 (2): 450-455
 - **High-grade prostatic intraepithelial neoplasia in patients with prostate cancer: MR and MR spectroscopic imaging features - initial experience** *RADIOLOGY*
Hom, J. J., Coakley, F. V., Simko, J. P., Lu, Y., Qayyum, A., Westphalen, A. C., Schmitt, L. D., Carroll, P. R., Kurhanewicz, J.
2007; 242 (2): 483-489
 - **Discrimination contributing factors to bone fragility using vQCT in vivo** *International Symposium on Advanced Biotechnologies for Assessing Quality of Bone and Scaffold Biomaterials*
Meta, M., Lu, Y., Keyak, J. H., Lang, T. F.
SPRINGER-VERLAG BERLIN.2007: 431-449
 - **Young-elderly differences in bone density, geometry and strength indices depend on proximal femur sub-region: A cross sectional study in Caucasian-American women** *BONE*

- Meta, M., Lu, Y., Keyak, J. H., Lang, T.
2006; 39 (1): 152-158
- **Perfusion, diffusion and spectroscopy values in newly diagnosed cerebral gliomas** *NMR IN BIOMEDICINE*
Catalaa, I., Henry, R., Dillon, W. P., Graves, E. E., McKnight, T. R., Lu, Y., Vigneron, D. B., Nelson, S. J.
2006; 19 (4): 463-475
 - **Performance of an automated computer-based scoring method to assess joint space narrowing in rheumatoid arthritis - A longitudinal study** *ARTHRITIS AND RHEUMATISM*
Finckh, A., de Pablo, P., Katz, J. N., Neumann, G., Wolfe, F., Duryea, J.
2006; 54 (5): 1444-1450
 - **Comparison of BMD precision for Prodigy and Delphi spine and femur scans.** *Osteoporosis international*
Shepherd, J. A., Fan, B., Lu, Y., Lewiecki, E. M., Miller, P., Genant, H. K.
2006; 17 (9): 1303-1308
 - **3.0 vs 1.5 T MRI in the detection of focal cartilage pathology - ROC analysis in an experimental model** *OSTEOARTHRITIS AND CARTILAGE*
Link, T. M., Sell, C. A., Masi, J. N., Phan, C., Newitt, D., Steinbach, L., Majumdar, S.
2006; 14 (1): 63-70
 - **Tractography-based quantitation of diffusion tensor imaging parameters in white matter tracts of preterm newborns** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
Partridge, S. C., Mukherjee, P., Berman, J. I., Henry, R. G., Miller, S. P., Lu, Y., Glenn, O. A., Ferriero, D. M., Barkovich, A. J., Vigneron, D. B.
2005; 22 (4): 467-474
 - **Comparing microstructural and macrostructural development of the cerebral cortex in premature newborns: Diffusion tensor imaging versus cortical gyration** *NEUROIMAGE*
deIpoli, A. R., Mukherjee, P., Gill, K., Henry, R. G., Partridge, S. C., Veeraraghavan, S., Jin, H., Lu, Y., Miller, S. P., Ferriero, D. M., Vigneron, D. B., Barkovich, A. J.
2005; 27 (3): 579-586
 - **The effect of sentinel node tumor burden on non-sentinel node status and recurrence rates in breast cancer** *ANNALS OF SURGICAL ONCOLOGY*
Fan, Y. G., Tan, Y. Y., Wu, C. T., Treseler, P., Lu, Y., Chan, C. W., Hwang, S., Ewing, C., Esserman, L., Morita, E., Leong, S. P.
2005; 12 (9): 705-711
 - **Primary tumor characteristics predict sentinel lymph node macrometastasis in breast cancer** *BREAST JOURNAL*
Tan, Y. Y., Wu, C. T., Fan, Y. G., Hwang, S., Ewing, C., Lane, K., Esserman, L., Lu, Y., Treseler, P., Morita, E., Leong, S. P.
2005; 11 (5): 338-343
 - **Growth rate of hepatocellular carcinoma - Evaluation with serial computed tomography or magnetic resonance imaging** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*
Taouli, B., Goh, J. S., Lu, Y., Qayyum, A., Yeh, B. M., Merriman, R. B., Coakley, F. V.
2005; 29 (4): 425-429
 - **Ratio of positive to total number of sentinel nodes predicts nonsentinel node status in breast cancer patients** *BREAST JOURNAL*
Tan, Y. Y., Fan, Y. G., Lu, Y., Hwang, S., Ewing, C., Esserman, L., Morita, E., Treseler, P., Leong, S. P.
2005; 11 (4): 248-253
 - **MRI measurements of breast tumor volume predict response to neoadjuvant chemotherapy and recurrence-free survival** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Partridge, S. C., Gibbs, J. E., Lu, Y., Esserman, L. J., Tripathy, D., Wolverton, D. S., Rugo, H. S., Hwang, G. E., Ewing, C. A., Hylton, N. M.
2005; 184 (6): 1774-1781
 - **Diffusion-weighted and fluid-attenuated inversion recovery imaging in Creutzfeldt-Jakob disease: High sensitivity and specificity for diagnosis** *AMERICAN JOURNAL OF NEURORADIOLOGY*
Young, G. S., Geschwind, M. D., Fischbein, N. J., Martindale, J. L., Henry, R. G., Liu, S. L., Lu, Y., Wong, S., Liu, H., Miller, B. L., Dillon, W. P.
2005; 26 (6): 1551-1562
 - **Longitudinal multivoxel MR spectroscopy study of pediatric diffuse brainstem gliomas treated with radiotherapy** *46th Annual Meeting of the American-Society-for-Therapeutic-Radiology-and-Oncology*
Laprie, A., Pirzkall, A., Haas-Kogan, D. A., Cha, S., Banerjee, A., Le, T. P., Lu, Y., Nelson, S., McKnight, T. R.

ELSEVIER SCIENCE INC.2005: 20–31

- **Anti-rejection drug treatment increases basal cell carcinoma burden in Ptch1+/- mice** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
Vogt, A., Hebert, J., Hwang, J., Lu, Y., Epstein, E. H.
2005; 124 (1): 263-267
- **Endorectal MR imaging MR spectroscopic imaging for locally recurrent prostate cancer after external beam radiation therapy: Preliminary experience** *RADIOLOGY*
Coakley, F. V., Teh, H. S., Qayyum, A., Swanson, M. G., Lu, Y., Roach, M., Pickett, B., Shinohara, K., Vigneron, D. B., Kurhanewicz, J.
2004; 233 (2): 441-448
- **Organ-confined prostate cancer: Effect of prior trans rectal biopsy on endorectal MRI and MR spectroscopic imaging** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Qayyum, A., Coakley, F. V., Lu, Y., Olpin, J. D., Wu, L., Yeh, B. M., Carroll, P. R., Kurhanewicz, J.
2004; 183 (4): 1079-1083
- **T2 relaxation time of cartilage at MR imaging: Comparison with severity of knee osteoarthritis** *RADIOLOGY*
Dunn, T. C., Lu, Y., Jin, H., Ries, M. D., Majumdar, S.
2004; 232 (2): 592-598
- **Topical tazarotene chemoprevention reduces basal cell carcinoma number and size in Ptch1 +/- mice exposed to ultraviolet or ionizing radiation** *CANCER RESEARCH*
So, P. L., Lee, K., Hebert, J., Walker, P., Lu, Y., Hwang, J., Kopeovich, L., Athar, M., Bickers, D., Aszterbaum, M., Epstein, E. H.
2004; 64 (13): 4385-4389
- **Diffusion tensor imaging: serial quantitation of white matter tract maturity in premature newborns** *NEUROIMAGE*
Partridge, S. C., Mukherjee, P., Henry, R. G., Miller, S. P., Berman, J. I., Jin, H., Lu, Y., Glenn, O. A., Ferriero, D. M., Barkovich, A. J., Vigneron, D. B.
2004; 22 (3): 1302-1314
- **Regional angiographic grading system for collateral flow - Correlation with cerebral infarction in patients with middle cerebral artery occlusion** *STROKE*
Kim, J. J., Fischbein, N. J., Lu, Y., Pham, D., Dillon, W. P.
2004; 35 (6): 1340-1344
- **In vitro and in vivo spiral CT to determine bone mineral density: Initial experience in patients at risk for osteoporosis** *RADIOLOGY*
Link, T. M., Koppers, B. B., Licht, T., Bauer, J., Lu, Y., Rummeny, E. J.
2004; 231 (3): 805-811
- **Cortical and trabecular bone mineral loss from the spine and hip in long-duration spaceflight** *JOURNAL OF BONE AND MINERAL RESEARCH*
Lang, T., Leblanc, A., Evans, H., Lu, Y., Genant, H., Yu, A.
2004; 19 (6): 1006-1012
- **In vivo application of 3D-line skeleton graph analysis (LSGA) technique with high-resolution magnetic resonance imaging of trabecular bone structure** *OSTEOPOROSIS INTERNATIONAL*
Pothuau, L., Newitt, D. C., Lu, Y., MacDonald, B., Majumdar, S.
2004; 15 (5): 411-419
- **Survival analysis in patients with glioblastoma multiforme: Predictive value of choline-to-N-acetylaspartate index, apparent diffusion coefficient, and relative cerebral blood volume** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
Oh, J., Henry, R. G., Pirzkall, A., Lu, Y., Li, X. J., Catalaa, I., Chang, S., Dillon, W. P., Nelson, S. J.
2004; 19 (5): 546-554
- **Immunoprevention of basal cell carcinomas with recombinant hedgehog-interacting protein** *JOURNAL OF EXPERIMENTAL MEDICINE*
Vogt, A., Chuang, P. T., Hebert, J., Hwang, J., Lu, Y., KOPELOVICH, L., Athar, M., Bickers, D. R., Epstein, E. H.
2004; 199 (6): 753-761
- **A three-dimensional MRI analysis of knee kinematics** *JOURNAL OF ORTHOPAEDIC RESEARCH*
Patel, V. V., Hall, K., Ries, M., Lotz, J., Ozhinsky, E., Lindsey, C., Lu, Y., Majumdar, S.
2004; 22 (2): 283-292
- **Identification of MRI and H-1 MRSI parameters that may predict survival for patients with malignant gliomas** *NMR IN BIOMEDICINE*
Li, X. J., Jin, H., Lu, Y., Oh, J., Chang, S., Nelson, S. J.

2004; 17 (1): 10-20

- **The unique impact of changes in normal appearing brain tissue on cognitive dysfunction in secondary progressive multiple sclerosis patients** *MULTIPLE SCLEROSIS JOURNAL*
Cox, D., Pelletier, D., Genain, C., Majumdar, S., Lu, Y., Nelson, S., Mohr, D. C.
2004; 10 (6): 626-629
- **Prostate cancer localization with endorectal MR imaging and MR spectroscopic imaging: Effect of clinical data on reader accuracy** *RADIOLOGY*
Dhingsa, R., Qayyum, A., Coakley, F. V., Lu, Y., Jones, K. D., Swanson, M. G., Carroll, P. R., Hricak, H., Kurhanewicz, J.
2004; 230 (1): 215-220
- **Magnetic resonance imaging of patellofemoral kinematics with weight-bearing.** *journal of bone and joint surgery. American volume*
Patel, V. V., Hall, K., Ries, M., Lindsey, C., Ozhinsky, E., Lu, Y., Majumdar, S.
2003; 85-A (12): 2419-2424
- **CT signs of hepatofugal portal venous flow in patients with cirrhosis** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Bryce, T. J., Yeh, B. M., Qayyum, A., Pacharn, P., Bass, N. M., Lu, Y., Coakley, F. V.
2003; 181 (6): 1629-1633
- **Distinction of renal cell carcinomas from high-attenuation renal cysts at portal venous phase contrast-enhanced CT** *RADIOLOGY*
Suh, M., Coakley, F. V., Qayyum, A., Yeh, B. M., Breiman, R. S., Lu, Y.
2003; 228 (2): 330-334
- **A micro-computed tomography study of the trabecular bone structure in the femoral head.** *Journal of musculoskeletal & neuronal interactions*
Issever, A. S., Burghardt, A., Patel, V., Laib, A., Lu, Y., Ries, M., Majumdar, S.
2003; 3 (2): 176-184
- **Magnetic resonance imaging in patients diagnosed with ductal carcinoma-in-situ: Value in the diagnosis of residual disease, occult invasion, and multicentricity** *ANNALS OF SURGICAL ONCOLOGY*
Hwang, E. W., Kinkel, K., Esserman, L. J., Lu, Y., Weidner, N., Hylton, N. M.
2003; 10 (4): 381-388
- **Challenges in dynamic contrast-enhanced MR imaging of cervical lymph nodes to detect metastatic disease** *8th Annual Meeting of the International-Society-for-Magnetic-Resonance-in-Medicine (ISMRM)*
Noworolski, S. M., Fischbein, N. J., Kaplan, M. J., Lu, Y., Nelson, S. J., Carvajal, L., Henry, R. G.
JOHN WILEY & SONS INC.2003: 455-62
- **Phalangeal quantitative ultrasound, phalangeal morphometric variables, and vertebral fracture discrimination** *CALCIFIED TISSUE INTERNATIONAL*
Guglielmi, G., Njeh, C. F., de Terlizzi, F., De Serio, D. A., Scillitani, A., Cammisa, M., Fan, B., Lu, Y., Genant, H. K.
2003; 72 (4): 469-477
- **Distinguishing features of self-limiting adult small-bowel intussusception identified at CT** *RADIOLOGY*
Lvoff, N., Breiman, R. S., Coakley, F. V., Lu, Y., Warren, R. S.
2003; 227 (1): 68-72
- **Osteoarthritis: MR imaging findings in different stages of disease and correlation with clinical findings** *RADIOLOGY*
Link, T. M., Steinbach, L. S., Ghosh, S., Ries, M., Lu, Y., Lane, N., Majumdar, S.
2003; 226 (2): 373-381
- **Micro-computed tomography evaluation of trabecular bone structure on loaded mice tail vertebrae** *SPINE*
Issever, A. S., Walsh, A., Lu, Y., Burghardt, A., Lotz, J. C., Majumdar, S.
2003; 28 (2): 123-128
- **MRI measurements of tumor volume and vascularity are valuable prognostic indicators for monitoring neoadjuvant chemotherapy of breast cancer.**
Partridge, S. C., Gibbs, J. E., Lu, Y., Esserman, L. J., Hylton, N. M.
KLUWER ACADEMIC PUBL.2002: S150
- **Accuracy of MR imaging for revealing residual breast cancer in patients who have undergone neoadjuvant chemotherapy** *10th Annual Meeting of the International-Society-for-Magnetic-Resonance-in-Medicine (ISMRM)*
Partridge, S. C., Gibbs, J. E., Lu, Y., Esserman, L. J., Sudilovsky, D., Hylton, N. M.
AMER ROENTGEN RAY SOC.2002: 1193-99

- **Epidermal stem cell frequency: A novel in vivo functional assay**
Barland, C., Schneider, T. E., Alex, A. M., Mancianti, M. L., Lu, Y., Lawrence, J. H., Ghadially, R.
AMER SOC CELL BIOLOGY.2002: 122A-123A
- **Dissociating perceptual and conceptual implicit memory in multiple sclerosis patients** *BRAIN AND COGNITION*
Blum, D., Yonelinas, A. P., Luks, T., Newitt, D., Oh, J., Lu, Y., Nelson, S., Goodkin, D., Pelletier, D.
2002; 50 (1): 51-61
- **Histopathological validation of a three-dimensional magnetic resonance spectroscopy index as a predictor of tumor presence** *JOURNAL OF NEUROSURGERY*
McKnight, T. R., von dem Bussche, M. H., Vigneron, D. B., Lu, Y., Berger, M. S., McDermott, M. W., Dillon, W. P., Graves, E. E., Pirzkall, A., Nelson, S. J.
2002; 97 (4): 794-802
- **3-D echo planar (HMRS)-H-1 imaging in MS: metabolite comparison from supratentorial vs. central brain** *MAGNETIC RESONANCE IMAGING*
Pelletier, D., Nelson, S. J., Grenier, D., Lu, Y., Genain, C., Goodkin, D. E.
2002; 20 (8): 599-606
- **Analysis of the spatial characteristics of metabolic abnormalities in newly diagnosed glioma patients** *9th Annual Meeting of the International-Society-for-Magnetic-Resonance-in-Medicine (ISMRM)*
Li, X. J., Lu, Y., Pirzkall, A., McKnight, T., Nelson, S. J.
JOHN WILEY & SONS INC.2002: 229-37
- **Effect of long-duration Spaceflight on integral and compartmental bone density in the spine and hip.**
Lang, T. F., Evans, H., Rianon, N., Lu, Y., Genant, H., Leblanc, A.
AMER SOC BONE & MINERAL RES.2002: S243
- **Sonographic evaluation of liver nodularity: Inspection of deep versus superficial surfaces of the liver** *JOURNAL OF CLINICAL ULTRASOUND*
Filly, R. A., Reddy, S. G., Nalbandian, A. B., Lu, Y., Callen, P. W.
2002; 30 (7): 399-407
- **Computed tomographic findings in patients undergoing intra-arterial thrombolysis for acute ischemic stroke due to middle cerebral artery occlusion - Results from the PROACT II trial** *STROKE*
Roberts, H. C., Dillon, W. P., Furlan, A. J., Wechsler, L. R., Rowley, H. A., Fischbein, N. J., Higashida, R. T., Kase, C., Schulz, G. A., Lu, Y., Firszt, C. M.
2002; 33 (6): 1557-1565
- **Prostate cancer tumor volume: Measurement with endorectal MR and MR spectroscopic imaging** *RADIOLOGY*
Coakley, F. V., Kurhanewicz, J., Lu, Y., Jones, K. D., Swanson, M. G., Chang, S. D., Carroll, P. R., Hricak, H.
2002; 223 (1): 91-97
- **Universal standardization of forearm bone densitometry** *JOURNAL OF BONE AND MINERAL RESEARCH*
Shepherd, J. A., Cheng, X. G., Lu, Y., Njeh, C., Toschke, J., Engelke, K., Grigorian, M., Genant, H. K.
2002; 17 (4): 734-745
- **Research publications in vascular and interventional radiology: Research topics, study designs, and statistical methods** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
Huang, W., LaBerge, J. M., Lu, Y., Glidden, D. V.
2002; 13 (3): 247-255
- **Bone structure of the distal radius and the calcaneus vs BMD of the spine and proximal femur in the prediction of osteoporotic spine fractures** *EUROPEAN RADIOLOGY*
Link, T. M., Vieth, V., Matheis, J., Newitt, D., Lu, Y., Rummeny, E. J., Majumdar, S.
2002; 12 (2): 401-408
- **New model-independent measures of trabecular bone structure applied to in vivo high-resolution MR images** *OSTEOPOROSIS INTERNATIONAL*
Laib, A., Newitt, D. C., Lu, Y., Majumdar, S.
2002; 13 (2): 130-136
- **Gliomas classification by multivariate analysis of in vivo MRI/MRSI data based on recursive partitioning tree and discriminant analysis**
Li, X. J., Ying, L., Nelson, S. J., IEEE, IEEE
IEEE.2002: 209-12

- **Effects of raloxifene on fracture severity in postmenopausal women with osteoporosis: Results from the MORE study** *65th Annual Meeting of the American College-of-Rheumatology*
Siris, E., Adachi, J. D., Lu, Y., Fuerst, T., Crans, G. G., Wong, M., Harper, K. D., Genant, H. K.
SPRINGER LONDON LTD.2002: 907–13
- **Changes in calcaneal trabecular bone structure assessed with high-resolution MR imaging in patients with kidney transplantation** *OSTEOPOROSIS INTERNATIONAL*
Link, T. M., Saborowski, O., Kisters, K., Kempkes, M., Kosch, M., Newitt, D., Lu, Y., Waldt, S., Majumdar, S.
2002; 13 (2): 119-129
- **Focal fatty infiltration of the liver: Analysis of prevalence and CT findings in children and young adults** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Kammen, B. F., Pacharn, P., Thoeni, R. F., Lu, Y., Qayyum, A., Coakly, F., Gooding, C. A., Brasch, R. C.
2001; 177 (5): 1035-1039
- **Cost-effective methods in identifying systemic lupus erythematosus patients with low bone densities.**
Lu, Y., Shepherd, J. A., Von Scheven, E., Genant, H. K.
AMER SOC BONE & MINERAL RES.2001: S461
- **Three-dimensional proton MR spectroscopic imaging of premature and term neonates** *AMERICAN JOURNAL OF NEURORADIOLOGY*
Vigneron, D. B., Barkovich, A. J., Noworolski, S. M., von dem Bussche, M., Henry, R. G., Lu, Y., Partridge, J. C., Gregory, G., Ferriero, D. M.
2001; 22 (7): 1424-1433
- **MRI phenotype is associated with response to doxorubicin and cyclophosphamide neoadjuvant chemotherapy in stage III breast cancer** *ANNALS OF SURGICAL ONCOLOGY*
Esserman, L., Kaplan, E., Partridge, S., Tripathy, D., Rugo, H., Park, J., Hwang, S., Kuerer, H., Sudilovsky, D., Lu, Y., Hylton, N.
2001; 8 (6): 549-559
- **Congenital diaphragmatic hernia: Prenatal evaluation with MR lung volumetry-preliminary experience** *RADIOLOGY*
Paek, B. W., Coakley, F. V., Lu, Y., Filly, R. A., Lopoo, J. B., Qayyum, A., Harrison, M. R., Albanese, C. T.
2001; 220 (1): 63-67
- **Measuring the academic radiologist's clinical productivity: Applying RVU adjustment factors** *ACADEMIC RADIOLOGY*
Arenson, R. L., Lu, Y., Elliott, S. C., Jovais, C., Avrin, D. E.
2001; 8 (6): 533-540
- **Measuring the academic radiologist's clinical productivity: Survey results for subspecialty sections** *ACADEMIC RADIOLOGY*
Arenson, R. L., Lu, Y., Elliott, S. C., Jovais, C., Avrin, D. E.
2001; 8 (6): 524-532
- **Quantitative US of the calcaneus: Cutoff levels for the distinction of healthy and osteoporotic individuals** *Radiology*
Grampp S, Henk C; Lu Y; Krestan C; Resch H; Kainberger F; Youssefzadeh S; Vorbeck F; Imhof H
2001; 220 (2): 400-5
- **Prediction of deep myometrial invasion in patients with endometrial cancer: Clinical utility of contrast-enhanced MR imaging - A meta-analysis and Bayesian analysis** *85th Annual Meeting and Scientific Assembly of the Radiological-Society-of-North-America (RSNA)*
Frei, K. A., Kinkel, K., Bonel, H. M., Lu, Y., Zaloudek, C., Hricak, H.
RADIOLOGICAL SOC NORTH AMERICA.2000: 444–49
- **Sextant localization of prostate cancer: Comparison of sextant biopsy, magnetic resonance imaging and magnetic resonance spectroscopic imaging with step section histology** *JOURNAL OF UROLOGY*
Wefer, A. E., Hricak, H., Vigneron, D. B., Coakley, F. V., Lu, Y., Wefer, J., Mueller-Lisse, U., Carroll, P. R., Kurhanewicz, J.
2000; 164 (2): 400-404
- **Normal and hypoplastic fetal lungs: Volumetric assessment with prenatal single-shot rapid acquisition with relaxation enhancement MR imaging** *RADIOLOGY*
Coakley, F. V., Lopoo, J. B., Lu, Y., Hricak, H., Albanese, C. T., Harrison, M. R., Filly, R. A.
2000; 216 (1): 107-111
- **Comparison of six calcaneal quantitative ultrasound devices: Precision and hip fracture discrimination** *OSTEOPOROSIS INTERNATIONAL*
Njeh, C. F., Hans, D., Li, J., Fan, B., Fuerst, T., He, Y. Q., Tsuda-Futami, E., Lu, Y., Wu, C. Y., Genant, H. K.

2000; 11 (12): 1051-1062

- **Assessment of a new quantitative ultrasound calcaneus measurement: Precision and discrimination of hip fractures in elderly women compared with dual X-ray absorptiometry** *OSTEOPOROSIS INTERNATIONAL*
He, Y. Q., Fan, B., Hans, D., Li, J., Wu, C. Y., Njeh, C. F., Zhao, S., Lu, Y., Tsuda-Futami, E., Fuerst, T., Genant, H. K.
2000; 11 (4): 354-360
- **US characterization of ovarian masses, a meta-analysis** *Radiology*
Kinkel K, Hricak H; Lu Y; Tsuda K; Filly RA
2000; 217: 803-811
- **MR imaging of the breast in patients with positive margins after lumpectomy: Influence of the time interval between lumpectomy and MR imaging** *American Journal of Roentgenology*
Frei, K., Kinkel K; Bonel HM; Lu Y; Esserman LJ; Hylton NM
2000; 175 (6): 1577-84
- **Changes in calcaneal trabecular bone structure after heart transplantation: An MR imaging study** *Radiology*
Link T, Lotter A; Beyer F; Christiansen S; Newitt D; Lu Y; Schmid C; Majumdar S
2000; 217: 855-862.
- **Radiologic staging in patients with endometrial cancer: A meta-analysis** *RADIOLOGY*
Kinkel, K., Kaji, Y., Yu, K. K., Segal, M. R., Lu, Y., Powell, C. B., Hricak, H.
1999; 212 (3): 711-718
- **When to combine two DXA measurements?**
Lu, Y., Hans, D., Zhao, S., Genant, H. K.
AMER SOC BONE & MINERAL RES.1999: S201
- **Correlation of vertebral fracture among vertebral levels.**
Zhao, S. J., Lu, Y., Wu, C. Y., Wu, J., Gnant, H. K.
AMER SOC BONE & MINERAL RES.1999: S203
- **MR imaging of the arthritic rabbit knee joint using albumin (Gd-DTPA)(30) with correlation to histopathology** *MAGNETIC RESONANCE IMAGING*
van Dijke, C. F., Peterfy, C. G., Brasch, R. C., Lang, P., Roberts, T. P., Shames, D., Kneeland, J. B., Lu, Y., Mann, J. S., Kapila, S. D., Genant, H. K.
1999; 17 (2): 237-245
- **Diagnostic agreement of quantitative sonography of the calcaneus with dual X-ray absorptiometry of the spine and femur** *American Journal of Roentgenology*
Grampp, S., Henk CB; Fuerst TP; Lu Y; Bader TR; Kainberger F; Genant HK
1999; 173 (2): 329-34
- **Ultrasound velocity of trabecular cubes reflects mainly bone density and elasticity** *CALCIFIED TISSUE INTERNATIONAL*
Hans, D., Wu, C., Njeh, C. F., Zhao, S., Augat, P., Newitt, D., Link, T., Lu, Y., Majumdar, S., Genant, H. K.
1999; 64 (1): 18-23
- **Trabecular bone mineral and calculated structure of human bone specimens scanned by peripheral quantitative computed tomography: Relation to biomechanical properties** *JOURNAL OF BONE AND MINERAL RESEARCH*
Jiang, Y. B., Zhao, J. N., Augat, P., Ouyang, X. L., Lu, Y., Majumdar, S., Genant, H. K.
1998; 13 (11): 1783-1790
- **Morphometric texture analysis of spinal trabecular bone structure assessed using orthogonal radiographic projections** *MEDICAL PHYSICS*
Ouyang, X. L., Majumdar, S., Link, T. M., Lu, Y., Augat, P., Lin, J., Newitt, D., Genant, H. K.
1998; 25 (10): 2037-2045
- **Correlation of dynamic contrast-enhanced MR imaging with histologic tumor grade: Comparison of macromolecular and small-molecular contrast media** *40th Annual Meeting of the Society-for-Pediatric-Radiology*
Daldrup, H., Shames, D. M., Wendland, M., Okuhata, Y., Link, T. M., Rosenau, W., Lu, Y., Brasch, R. C.
AMER ROENTGEN RAY SOC.1998: 941-49
- **Assessment of rheumatoid arthritis using a modified scoring method on digitized and original radiographs** *ARTHRITIS AND RHEUMATISM*
Genant, H. K., Jiang, Y. B., Peterfy, C., Lu, Y., Redei, J., Countryman, P. J.

1998; 41 (9): 1583-1590

- **In vivo high resolution MRI of the calcaneus: Differences in trabecular structure in osteoporosis patients** *JOURNAL OF BONE AND MINERAL RESEARCH*
Link, T. M., Majumdar, S., Augat, P., Lin, J. C., Newitt, D., Lu, Y., Lane, N. E., Genant, H. K.
1998; 13 (7): 1175-1182
- **High-resolution magnetic resonance imaging: Three-dimensional trabecular bone architecture and biomechanical properties** *BONE*
Majumdar, S., Kothari, M., Augat, P., Newitt, D. C., Link, T. M., Lin, J. C., Lang, T., Lu, Y., Genant, H. K.
1998; 22 (5): 445-454
- **Assessment of bone mineral at appendicular sites in females with fractures of the proximal femur** *BONE*
Augat, P., Fan, B., Lane, N. E., Lang, T. F., LeHir, P., Lu, Y., Uffmann, M., Genant, H. K.
1998; 22 (4): 395-402
- **Ultrasound characterization of bone demineralization** *CALCIFIED TISSUE INTERNATIONAL*
Wu, C., Gluer, C., Lu, Y., Fuerst, T., Hans, D., Genant, H. K.
1998; 62 (2): 133-139
- **Correlation of dynamic contrast-enhanced magnetic resonance imaging with histologic tumor grade: comparison of macromolecular and small-molecular contrast media** *PEDIATRIC RADIOLOGY*
Daldrup, H., Shames, D. M., Wendland, M., Okuhata, Y., Link, T. M., Rosenau, W., Lu, Y., Brasch, R. C.
1998; 28 (2): 67-78
- **How can we measure bone quality?** *BAILLIERES CLINICAL RHEUMATOLOGY*
Hans, D., Fuerst, T., Lang, T., Majumdar, S., Lu, Y., Genant, H. K., Gluer, C.
1997; 11 (3): 495-515
- **Volumetric quantitative computed tomography of the proximal femur: Precision and relation to bone strength** *1996 World Congress on Osteoporosis*
Lang, T. F., Keyak, J. H., Heitz, M. W., Augat, P., Lu, Y., Mathur, A., Genant, H. K.
ELSEVIER SCIENCE INC.1997: 101-8
- **Comparisons of noninvasive bone mineral measurements in assessing age-related loss, fracture discrimination, and diagnostic classification** *XIth International Workshop on Bone Densitometry*
Grampp, S., Genant, H. K., Mathur, A., Lang, P., Jergas, M., Takada, M., Gluer, C. C., Lu, Y., Chavez, M.
BLACKWELL SCIENCE INC.1997: 697-711
- **HIV prevention among Zambian adolescents: Developing a value utilization/norm change model** *Social Science and Medicine*
Fledman DA, OHara P; Baboo KS; Chitalu NW; Lu Y
1997; 44: 455-468
- **Biomechanical strength versus spinal trabecular bone structure assessed using contact radiography and texture analysis** *Medical Imaging 1997 Symposium - Image Processing*
Ouyang, X. L., Lin, J., Link, T., Augat, P., Lu, Y., Newitt, D., Lang, T., Genant, H. K., Majumdar, S.
SPIE - INT SOC OPTICAL ENGINEERING.1997: 165-174
- **Surgically defined prognostic parameters in patients with early cervical carcinoma - A multivariate survival tree analysis** *CANCER*
Sevin, B. U., Lu, Y., Bloch, D. A., Nadji, M., Koechli, O. R., Averette, H. E.
1996; 78 (7): 1438-1446
- **Efficacy of radical hysterectomy as treatment for patients with small cell carcinoma of the cervix** *CANCER*
Sevin, B. U., Method, M. W., Nadji, M., Lu, Y., Averette, H. A.
1996; 77 (8): 1489-1493
- **Aspiration cytology of neoplastic and non-neoplastic ovarian cysts: Is it accurate?** *INTERNATIONAL JOURNAL OF GYNECOLOGICAL PATHOLOGY*
Ganji, P., Dickinson, B., Harrison, T. A., Nassiri, M., Lu, Y.
1996; 15 (2): 94-101
- **Assessment of calcaneal structure by MRI: Comparison with DXA and QUS measurements** *1996 World Congress on Osteoporosis*
Ouyang, X., Lang, P., Engleke, K., Selby, K., Lu, Y., Mathur, A., Gindele, A., Klifa, C., Chen, M., Fan, B., Hottya, G., Majumdar, S., Genant, et al
ELSEVIER SCIENCE PUBL B V.1996: 215-221

- **PROGNOSTIC FACTORS OF EARLY-STAGE CERVICAL-CANCER TREATED BY RADICAL HYSTERECTOMY** *5th National Conference of the American-Cancer-Society on Gynecologic Cancers*
Sevin, B. U., Nadji, M., Lampe, B., Lu, Y., Hilsenbeck, S., Koechli, O. R., Averette, H. E.
WILEY-LISS.1995: 1978-86
- **INFLUENCE OF DEGENERATIVE JOINT DISEASE ON SPINAL BONE-MINERAL MEASUREMENTS IN POSTMENOPAUSAL WOMEN** *CALCIFIED TISSUE INTERNATIONAL*
Yu, W., Gluer, C. C., Fuerst, T., Grampp, S., Li, J., Lu, Y., Genant, H. K.
1995; 57 (3): 169-174
- **MICRONUTRIENTS AND HIV-1 DISEASE PROGRESSION** *AIDS*
Baum, M. K., Shorposner, G., Lu, Y., Rosner, B., Sauberlich, H. E., Fletcher, M. A., Szapocznik, J., Eisdorfer, C., Buring, J. E., Hennekens, C. H.
1995; 9 (9): 1051-1056
- **QUANTIFICATION OF THE VOLUME OF ARTICULAR-CARTILAGE IN THE METACARPOPHALANGEAL JOINTS OF THE HAND - ACCURACY AND PRECISION OF 3-DIMENSIONAL MR-IMAGING** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Peterfy, C. G., VanDijke, C. F., Lu, Y., Nguyen, A., Connick, T. J., Kneeland, J. B., Tirman, P. F., Lang, P., Dent, S., Genant, H. K.
1995; 165 (2): 371-375
- **ELEVATED IGE LEVEL IN RELATIONSHIP TO NUTRITIONAL-STATUS AND IMMUNE PARAMETERS IN EARLY HUMAN IMMUNODEFICIENCY VIRUS-1 DISEASE** *JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY*
Shorposner, G., MIGUEZBURBANO, M. J., Lu, Y., Feaster, D., Fletcher, M., Sauberlich, H., Baum, M. K.
1995; 95 (4): 886-892
- **IMMUNOGLOBULIN-E LEVELS IN RELATIONSHIP TO HIV-1 DISEASE, ROUTE OF INFECTION, AND VITAMIN-E STATUS** *ALLERGY*
MIGUEZBURBANO, M. J., Shorposner, G., Fletcher, M. A., Lu, Y., Moreno, J. N., CARCAMO, C., Page, B., Quesada, J., Sauberlich, H., Baum, M. K.
1995; 50 (2): 157-161
- **Spinal bone mineral assessment in postmenopausal women: A comparison between dual X-ray absorptiometry and quantitative computed tomography** *OSTEOPOROSIS INTERNATIONAL*
Yu, W., Gluer, C. C., Grampp, S., Jergas, M., Fuerst, T., Wu, C. Y., Lu, Y., Fan, B., Genant, H. K.
1995; 5 (6): 433-439
- **RESULTS OF RADICAL CYSTECTOMY FOR TRANSITIONAL-CELL CARCINOMA OF THE BLADDER AND THE EFFECT OF CHEMOTHERAPY** *CANCER*
Soloway, M. S., Lopez, A. E., Patel, J., Lu, Y.
1994; 73 (7): 1926-1931
- **PREDICTION OF PAIN CENTER TREATMENT OUTCOME FOR GERIATRIC CHRONIC PAIN PATIENTS** *CLINICAL JOURNAL OF PAIN*
Cutler, R. B., Fishbain, D. A., Lu, Y., Rosomoff, R. S., Rosomoff, H. L.
1994; 10 (1): 10-17
- **RETREATMENT OF INTRACRANIAL GLIOMAS** *SOUTHERN MEDICAL JOURNAL*
Landy, H. J., Feun, L., Schwade, J. G., Snodgrass, S., Lu, Y., Gutman, F.
1994; 87 (2): 211-214
- **INADEQUATE DIETARY-INTAKE AND ALTERED NUTRITION STATUS IN EARLY HIV-1 INFECTION** *NUTRITION*
Baum, M., CASSETTI, L., Bonvehi, P., Shorposner, G., Lu, Y., Sauberlich, H.
1994; 10 (1): 16-20
- **NORMAL TRIGLYCERIDE LEVELS IN EARLY HIV-1 INFECTION** *AIDS*
Baum, M. K., Shorposner, G., Lu, Y.
1994; 8 (1): 131-132
- **THE ESTERIFIED PLASMA FATTY-ACID PROFILE IS ALTERED IN EARLY HIV-1 INFECTION** *LIPIDS*
Peck, M. D., MANTEROATIENZA, E., MIGUEZBURBANO, M. J., Fletcher, M. A., Shorposner, G., Baum, M. K.
1993; 28 (7): 593-597
- **HYPOCHOLESTEROLEMIA IS ASSOCIATED WITH IMMUNE DYSFUNCTION IN EARLY HUMAN IMMUNODEFICIENCY VIRUS-1 INFECTION** *AMERICAN JOURNAL OF MEDICINE*
Shorposner, G., Basit, A., Lu, Y., Cabrejos, C., Chang, J., Fletcher, M., MANTEROATIENZA, E., Baum, M. K.

1993; 94 (5): 515-519

● **PLASMA VITAMIN-B12 LEVEL AS A POTENTIAL COFACTOR IN STUDIES OF HUMAN-IMMUNODEFICIENCY-VIRUS TYPE-1 - RELATED COGNITIVE CHANGES** *ARCHIVES OF NEUROLOGY*

Beach, R. S., Morgan, R., Wilkie, F., MANTEROATIENZA, E., Blaney, N., Shorposner, G., Lu, Y., Eisdorfer, C., Baum, M. K.
1992; 49 (5): 501-506

● **HEPATITIS-C INFECTION IN A PEDIATRIC DIALYSIS POPULATION** *PEDIATRICS*

Jonas, M. M., Zilleruelo, G. E., LaRue, S. I., Abitbol, C., Strauss, J., Lu, Y.
1992; 89 (4): 707-709

● **Association of nutritional abnormalities and immune parameters in HIV-1 seronegative homosexual men** *Journal of Immunology and Infectious Disease*

Shor-Posner G, Mantero-Atienza E; Beach R; Javier J; Feaster D; Sotomayor M; Cabrejos C; Fletcher MA; Lu Y; Sauberlich H; Baum MK
1992; 2: 209-216

● **INFLUENCE OF HIV-INFECTION ON VITAMIN STATUS AND REQUIREMENTS** *CONF ON BEYOND DEFICIENCY : NEW VIEWS ON THE FUNCTION AND HEALTH EFFECTS OF VITAMINS*

Baum, M. K., Shorposner, G., Bonvehi, P., Cassetti, I., Lu, Y., MANTEROATIENZA, E., Beach, R. S., Sauberlich, H. E.
NEW YORK ACAD SCIENCES.1992: 165-174

● **Some opportunistic replacement models (in Chinese)** *Journal of Shanghai Jiaotong University*

Lu, Y.
1987; 127 (2)