

Stanford



Thompson Zhuang

Casual - Non-Exempt, Orthopaedic Surgery

Bio

EDUCATION AND CERTIFICATIONS

- MBA, Stanford University (2022)
- MD, Stanford University (2022)

Publications

PUBLICATIONS

- **Medicaid Insurance is Associated With Decreased MRI Use for Ankle Sprains Compared With Private Insurance: A Retrospective Database Analysis.** *Clinical orthopaedics and related research*
Zhuang, T., Vandal, N., Dehghani, B., Alqazzaz, A., Humbyrd, C. J.
2023
- **Variations in Treatment and Costs for Distal Radius Fractures in Patients Over 55 Years of Age: A Population-Based Study.** *Journal of hand and microsurgery*
Shapiro, L. M., Xiao, M., Zhuang, T., Ruch, D. S., Richard, M. J., Kamal, R. N.
2023; 15 (5): 351-357
- **Strategies for Perioperative Optimization in Upper Extremity Fracture Care.** *Hand clinics*
Zhuang, T., Kamal, R. N.
2023; 39 (4): 617-625
- **Is There Variation in Time to and Type of Treatment for Hip Osteoarthritis Based on Insurance?** *The Journal of arthroplasty*
Chakraborty, A., Zhuang, T., Shapiro, L. M., Amanatullah, D. F., Kamal, R. N.
2023
- **Is Outpatient Spine Surgery Associated with New, Persistent Opioid Use in Opioid-Naïve Patients? A Retrospective National Claims Database Analysis.** *The spine journal : official journal of the North American Spine Society*
Schultz, E., Zhuang, T., Shapiro, L. M., Hu, S. S., Kamal, R. N.
2023
- **The Use and Downstream Associations of Magnetic Resonance Imaging for Lateral Epicondylitis.** *The Journal of hand surgery*
Shapiro, L. M., Welch, J. M., Zhuang, T., Fogel, N., Ruch, D. S.
2023
- **Disparities in Treatment of Closed Distal Radius Fractures in Patients Aged 18-64 Years and #65 Years by Insurance Type.** *The Journal of hand surgery*
Tankersley, M. P., Zhuang, T., Julian, K., Fernandez, A., Kamal, R. N., Shapiro, L. M.
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- **Is Hand Surgery in the Procedure Room Setting Associated with Increased Surgical Site Infection? A Cohort Study of 2,717 Patients in the Veterans Affairs Population.** *The Journal of hand surgery*
Zhuang, T., Fox, P., Curtin, C., Shah, K. N.

2023

- **What Program Characteristics Are Associated with Resident Racial Diversity in Orthopaedic Surgery? An Analysis of Association of American Medical Colleges Data. JB & JS open access**
Shah, K., Zhuang, T., Scott, B., Sobel, A., Akelman, E.
2023; 8 (1)
- **Medicaid Insurance is Associated with Treatment Disparities for Proximal Humerus Fractures in a National Database Analysis. Journal of shoulder and elbow surgery**
Truong, N. M., Zhuang, T., Leversedge, C., Ma, C. B., Kamal, R. N., Shapiro, L. M.
2022
- **The Price-Quality Mismatch: Are Negotiated Prices for Total Joint Arthroplasty Associated With Hospital Quality in a Large California Health System? Clinical orthopaedics and related research**
Zhuang, T., Shapiro, L. M., Baker, L. C., Kamal, R. N.
2022
- **Has the Use of Electrodiagnostic Studies for Carpal Tunnel Syndrome Changed After the 2016 American Academy of Orthopaedic Surgeons Clinical Practice Guideline? The Journal of hand surgery**
Zhuang, T., Shapiro, L. M., Schultz, E. A., Truong, N. M., Harris, A. H., Kamal, R. N.
2022
- **Cost minimization analysis of the treatment of olecranon fracture in elderly patients: a retrospective analysis CURRENT ORTHOPAEDIC PRACTICE**
Welch, J. M., Zhuang, T., Shapiro, L. M., Gardner, M., Xiao, M., Kamal, R. N.
2022; 33 (6): 559-564
- **Cost-Effectiveness Analysis of Early versus Late Debridement of Superficial Triangular Fibrocartilage Complex Tears JOURNAL OF HAND AND MICROSURGERY**
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2022; 33 (6): 559-564
- **Out-of-Pocket and Total Costs for Common Hand Procedures From 2008 to 2016: A Nationwide Claims Database Analysis. The Journal of hand surgery**
Michaud, J. B., Zhuang, T., Shapiro, L. M., Cohen, S. A., Kamal, R. N.
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- **Prevalence, Burden, and Sources of Out-of-Network Billing in Elective Hand Surgery: A National Claims Database Analysis. The Journal of hand surgery**
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2022
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Shapiro, L. M., Xiao, M., Zhuang, T., Ruch, D. S., Richard, M. J., Kamal, R. N.
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- **Site of service of irrigation and debridement of open finger and hand fractures: a retrospective review of trends and outcomes CURRENT ORTHOPAEDIC PRACTICE**
Wadhwa, H., Zhuang, T., Shapiro, L. M., Welch, J. M., Richard, M. J., Kamal, R. N.
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- **Costs and benefits of routine hemoglobin A1c screening prior to total joint arthroplasty: a cost-benefit analysis CURRENT ORTHOPAEDIC PRACTICE**
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- **Site of service of irrigation and debridement of open finger and hand fractures: a retrospective review of trends and outcomes.** *Current orthopaedic practice*
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- **How do orthopaedic surgery residency program websites feature diversity? An analysis of 187 orthopaedic surgery programs in the United States.** *Current orthopaedic practice*
Cohen, S. A., Xiao, M., Zhuang, T., Michaud, J., Wadhwa, H., Shapiro, L., Kamal, R. N.
2022; 33 (3): 258-263
- **Google Trends Analysis Shows Increasing Public Interest in Platelet-Rich Plasma Injections for Hip and Knee Osteoarthritis.** *The Journal of arthroplasty*
Cohen, S. A., Zhuang, T., Xiao, M., Michaud, J. B., Amanatullah, D. F., Kamal, R. N.
2021
- **Perioperative Laboratory Markers as Risk Factors for Surgical Site Infection After Elective Hand Surgery.** *The Journal of hand surgery*
Zhuang, T., Shapiro, L. M., Fogel, N., Richard, M. J., Gardner, M. J., Kamal, R. N.
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- **Using Google Trends Data to Track Healthcare Use for Hand Osteoarthritis.** *Cureus*
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- **Cost-Effectiveness of Open Versus Endoscopic Carpal Tunnel Release.** *The Journal of bone and joint surgery. American volume*
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- **Is Uncontrolled Diabetes Mellitus Associated with Incidence of Complications After Posterior Instrumented Lumbar Fusion? A National Claims Database Analysis.** *Clinical orthopaedics and related research*
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- **A Cost-Effectiveness Analysis of Smoking-Cessation Interventions Prior to Posterolateral Lumbar Fusion.** *The Journal of bone and joint surgery. American volume*
Zhuang, T., Ku, S., Shapiro, L. M., Hu, S. S., Cabell, A., Kamal, R. N.
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2020
- **Quality Measures to Reduce Opioid Use After Common Soft Tissue Hand and Wrist Procedures.** *The Journal of hand surgery*
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Zhuang, T., Shapiro, L. M., Ring, D., Akelman, E., Ruch, D. S., Richard, M. J., Ladd, A., Blazar, P., Yao, J., Kakar, S., Harris, A. H., Got, C., Kamal, et al
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- **A Cost-Effectiveness Analysis of Corticosteroid Injections and Open Surgical Release for Trigger Finger.** *The Journal of hand surgery*
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- **Selective Photo-Oxygenation of Light Alkanes Using Iodine Oxides and Chloride** *CHEMCATCHEM*
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- **The Use of Preoperative Antibiotics in Elective Soft-Tissue Procedures in the Hand: A Critical Analysis Review.** *JBJS reviews*
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- **Financial Distress Is Associated With Delay in Seeking Care for Hand Conditions.** *Hand (New York, N.Y.)*
Zhuang, T., Eppler, S. L., Shapiro, L. M., Roe, A. K., Yao, J., Kamal, R. N.
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- **Variations in Utilization of Carpal Tunnel Release Among Medicaid Beneficiaries.** *The Journal of hand surgery*
Zhuang, T., Eppler, S. L., Kamal, R. N.
2018
- **Mechanism of Hydrocarbon Functionalization by an Iodate/Chloride System: The Role of Ester Protection** *ACS CATALYSIS*
Schwartz, N. A., Boaz, N. C., Kalman, S. E., Zhuang, T., Goldberg, J. M., Fu, R., Nielsen, R. J., Goddard, W. A., Groves, J. T., Gunnoe, T.
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- **Alkyl Isocyanates via Manganese-Catalyzed C-H Activation for the Preparation of Substituted Ureas** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*
Huang, X., Zhuang, T., Kates, P. A., Gao, H., Chen, X., Groves, J. T.
2017; 139 (43): 15407–13
- **Involvement of nitric oxide synthase in matrix metalloproteinase-9-and/or urokinase plasminogen activator receptor-mediated glioma cell migration** *BMC CANCER*
Zhuang, T., Chelluboina, B., Ponnala, S., Velpula, K., Rehman, A. A., Chetty, C., Zakharian, E., Rao, J. S., Veeravalli, K.
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