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Ph.D. Student in Management Science and Engineering, admitted Autumn 2018

Publications

PUBLICATIONS

- **Effectiveness of Face Masks in Reducing the Spread of COVID-19: A Model-Based Analysis.** *Medical decision making : an international journal of the Society for Medical Decision Making*
Rao, I. J., Vallon, J. J., Brandeau, M. L.
2021: 272989X211019029
- **EFFECTIVENESS OF FACE MASKS IN REDUCING THE SPREAD OF COVID-19: A MODEL-BASED ANALYSIS**
Rao, I., Vallon, J., Brandeau, M. L.
SAGE PUBLICATIONS INC.2021: E20-E21
- **Optimal allocation of limited vaccine to control an infectious disease: Simple analytical conditions.** *Mathematical biosciences*
Rao, I. J., Brandeau, M. L.
2021: 108621
- **Health outcomes and cost-effectiveness of diversion programs for low-level drug offenders: A model-based analysis.** *PLoS medicine*
Bernard, C. L., Rao, I. J., Robison, K. K., Brandeau, M. L.
2020; 17 (10): e1003239
- **Target Based Care: An Intervention to Reduce Variation in Postoperative Length of Stay.** *The Journal of pediatrics*
Shin, A. Y., Rao, I. J., Bassett, H. K., Chadwick, W., Kim, J., Kipps, A. K., Komra, K., Loh, L., Maeda, K., Mafla, M., Presnell, L., Sharek, P. J., Steffen, et al
2020
- **PREDICTING PATIENT-LEVEL ANTIBIOTIC ADHERENCE**
Rao, I., Shaham, A., Yavneh, A., Kahana, D., Chodick, G., Ashlagi, I., Yamin, D., Brandeau, M. L.
SAGE PUBLICATIONS INC.2020: E45-E46
- **Predicting and improving patient-level antibiotic adherence.** *Health care management science*
Rao, I. n., Shaham, A. n., Yavneh, A. n., Kahana, D. n., Ashlagi, I. n., Brandeau, M. L., Yamin, D. n.
2020
- **Cost-Effectiveness Analysis of Fenestrated Endovascular Aneurysm Repair Compared With Open Surgical Repair for Patients With Juxtarenal Abdominal Aortic Aneurysms**
George, E. L., Nardacci, L., Sinawang, P., Rao, I., Owens, D. K., Garcia-Toca, M.
MOSBY-ELSEVIER.2019: E244-E245