

Philipp Stefan

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

317
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

452
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Virtual reality-based simulators for spine surgery: a systematic review. Spine Journal, 2017, 17, 1352-1363. | 1.3 | 134 |
| 2 | Intra-operative disruptions, surgeonâ€™s mental workload, and technical performance in a full-scale simulated procedure. Surgical Endoscopy and Other Interventional Techniques, 2016, 30, 559-566. | 2.4 | 74 |
| 3 | An AR edutainment system supporting bone anatomy learning. , 2014, , . | | 21 |
| 4 | Vertebroplasty Performance on Simulator for 19 Surgeons Using Hierarchical Task Analysis. IEEE Transactions on Medical Imaging, 2015, 34, 1730-1737. | 8.9 | 21 |
| 5 | A radiation-free mixed-reality training environment and assessment concept for C-arm-based surgery. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 1335-1344. | 2.8 | 19 |
| 6 | Say, What Is on Your Mind? Surgeonsâ€™ Evaluations of Realism and Usability of a Virtual Reality Vertebroplasty Simulator. Surgical Innovation, 2019, 26, 234-243. | 0.9 | 19 |
| 7 | Three-dimensionalâ€™Printed Computed Tomographyâ€™Based Bone Models for Spine Surgery Simulation. Simulation in Healthcare, 2020, 15, 61-66. | 1.2 | 14 |
| 8 | Technical and Nontechnical Skills in Surgery. Spine, 2019, 44, E1396-E1400. | 2.0 | 11 |
| 9 | Stepwise development of a simulation environment for operating room teams: the example of vertebroplasty. Advances in Simulation, 2018, 3, 18. | 2.3 | 3 |
| 10 | Intraoperative dynamics of workflow disruptions and surgeons' technical performance failures: insights from a simulated operating room. Surgical Endoscopy and Other Interventional Techniques, 2021, , 1. | 2.4 | 1 |