Baoxin Tao

List of Publications by Year
in descending order

11 papers	189 citations	1307594 7 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	131 citing authors

#	Article	IF	Citations
1	Drug delivery based pharmacological enhancement and current insights of quercetin with therapeutic potential against oral diseases. Biomedicine and Pharmacotherapy, 2020, 128, 110372.	5.6	49
2	Accuracy of dental implant surgery using dynamic navigation and robotic systems: An in vitro study. Journal of Dentistry, 2022, 123, 104170.	4.1	44
3	An image-guided hybrid robot system for dental implant surgery. International Journal of Computer Assisted Radiology and Surgery, 2022, 17, 15-26.	2.8	22
4	Reliability and accuracy of dynamic navigation for zygomatic implant placement. Clinical Oral Implants Research, 2022, 33, 362-376.	4.5	21
5	Automatic robot-world calibration in an optical-navigated surgical robot system and its application for oral implant placement. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1685-1692.	2.8	18
6	Comparative accuracy of <scp>cone‐beam CT</scp> and conventional multislice computed tomography for real‐time navigation in zygomatic implant surgery. Clinical Implant Dentistry and Related Research, 2020, 22, 747-755.	3.7	15
7	An electromagnetic tracking implantation navigation system in dentistry with virtual calibration. International Journal of Medical Robotics and Computer Assisted Surgery, 2021, 17, e2215.	2.3	11
8	A s<scp>ingle‐arm</scp> clinical trial investigating the feasibility of the zygomatic implant quad approach for Cawood and Howell Class 4 edentulous maxilla: An option for immediate loading. Clinical Implant Dentistry and Related Research, 2021, 23, 800-808.	3.7	4
9	Accuracy evaluation of 3D-printed noninvasive adhesive marker for dynamic navigation implant surgery in a maxillary edentulous model: An in vitro study. Medical Engineering and Physics, 2022, 103, 103783.	1.7	3
10	Real-Time Dynamic Navigation System for the Precise Quad-Zygomatic Implant Placement in a Patient with a Severely Atrophic Maxilla. Journal of Visualized Experiments, 2021, , .	0.3	1
11	A novel calibration method of a surgical navigation system for oral implantation and its phantom experiments regarding accuracy. , 2021, , .		1