Johari Yap Abdullah

List of Publications by Year
in descending order

30 papers	286 citations	10 h-index	16 g-index
30 all docs	30 docs citations	30 times ranked	211 citing authors

#	Article	IF	Citations
1	A systematic review of the computerized tools and digital techniques applied to fabricate nasal, auricular, orbital and ocular prostheses for facial defect rehabilitation. Journal of Stomatology, Oral and Maxillofacial Surgery, 2020, 121, 268-277.	1.3	49
2	Designing 3D prosthetic templates for maxillofacial defect rehabilitation: A comparative analysis of different virtual workflows. Computers in Biology and Medicine, 2020, 118, 103646.	7.0	29
3	Machine Learning and Intelligent Diagnostics in Dental and Orofacial Pain Management: A Systematic Review. Pain Research and Management, 2021, 2021, 1-9.	1.8	23
4	Comparison of STL skull models produced using open-source software versus commercial software. Rapid Prototyping Journal, 2019, 25, 1585-1591.	3.2	18
5	Optimization of Prosthodontic Computer€Aided Designed Models: A Virtual Evaluation of Mesh Quality Reduction Using Open Source Software. Journal of Prosthodontics, 2021, 30, 420-429.	3.7	18
6	Orbital Morphometry. Journal of Craniofacial Surgery, 2017, 28, e64-e70.	0.7	16
7	A fast and improved method of rapid prototyping for ear prosthesis using portable 3D laser scanner. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2018, 71, 946-953.	1.0	16
8	3DCT Morphometric Analysis of Sella Turcica in Iraqi Population. Journal of Hard Tissue Biology, 2016, 25, 227-232.	0.4	14
9	Comparison of 3D reconstruction of mandible for pre-operative planning using commercial and open-source software. AIP Conference Proceedings, 2016, , .	0.4	13
10	Biomechanics in Removable Partial Dentures: A Literature Review of FEA-Based Studies. BioMed Research International, 2021, 2021, 1-16.	1.9	13
11	A virtual analysis of the precision and accuracy of 3-dimensional ear casts generated from smartphone camera images. Journal of Prosthetic Dentistry, 2022, 128, 830-836.	2.8	12
12	NURBS curves with the application of multiple bones fracture reconstruction. Applied Mathematics and Computation, 2017, 315, 70-84.	2.2	11
13	Construction of occipital bone fracture using B-spline curves. Computational and Applied Mathematics, 2018, 37, 2877-2896.	1.3	10
14	Patient-Specific Reconstruction Utilizing Computer Assisted Three-Dimensional Modelling for Partial Bone Flap Defect in Hybrid Cranioplasty. Journal of Craniofacial Surgery, 2019, 30, e720-e723.	0.7	8
15	Percentage of mesh reduction appropriate for designing digital obturator prostheses on personal computers. Journal of Prosthetic Dentistry, 2022, 128, 219-224.	2.8	7
16	Addition of zygomatic arch resection in decompressive craniectomy. Journal of Clinical Neuroscience, 2015, 22, 735-739.	1.5	5
17	Cranial Implant Design Applying Shape-Based Interpolation Method via Open-Source Software. Applied Sciences (Switzerland), 2021, 11, 7604.	2.5	5
18	Design and fabrication of facial prostheses for cancer patient applying computer aided method and manufacturing (CADCAM). AIP Conference Proceedings, 2016, , .	0.4	4

#	Article	IF	Citations
19	Shape-based interpolation method in measuring intracranial volume for pre- and post-operative decompressive craniectomy using open source software. Neurocirugia, 2019, 30, 115-123.	0.4	4
20	Intracranial Volume Post Cranial Expansion Surgery Using Three-Dimensional Computed Tomography Scan Imaging in Children With Craniosynostosis. Journal of Craniofacial Surgery, 2020, 31, 46-50.	0.7	3
21	Biomechanical Stress in Obturator Prostheses: A Systematic Review of Finite Element Studies. BioMed Research International, 2021, 2021, 1-12.	1.9	3
22	Patient-specific reconstruction utilizing computer assisted 3D modelling for partial bone flap defect in hybrid cranioplasty. AIP Conference Proceedings, 2016, , .	0.4	2
23	Using 21st-Century Technologies to Determine the Cognitive Capabilities of a 11,000-Year-Old Perak Man Who Had Brachymesophalangia Type A2. The Malaysian Journal of Medical Sciences, 2021, 28, 1-8.	0.5	2
24	Shape-based interpolation method in measuring intracranial volume for pre- and post-operative decompressive craniectomy using open source software. NeurocirugÃa (English Edition), 2019, 30, 115-123.	0.2	1
25	BIOMODELLING OF CRANIO-MAXILLOFACIAL IMPLANT APPLYING OPEN SOURCE SOFTWARE. Jurnal Teknologi (Sciences and Engineering), 2015, 76, .	0.4	0
26	Detailed Anatomical Volumetric Study of Deep Nuclei of Brain and Other Structures Between Parkinsonâ€™s Disease Patients Who Had Deep Brain Stimulation and Control Group. The Malaysian Journal of Medical Sciences, 2020, 27, 53-60.	0.5	0
27	Quantification of Metal Artefacts from Orthodontic Brackets in CT Images: A Modified Method. Archives of Orofacial Sciences, 2020, 15, 109-117.	0.1	0
28	Intracranial Brain Volume (ICV) Measurement in Epileptic Male Patient: A 3D CT Study. Journal of Medicine (Bangladesh), 2021, 22, 95-99.	0.2	0
29	Validity and reliability of palatal rugae morphometric assessment with 3D laser scanned models. Brazilian Journal of Oral Sciences, 0, 21, e225924.	0.1	0
30	Reimagining innovation in cranial reconstruction: Virtual planning and cost effectiveness of additive manufacturing. AIP Conference Proceedings, 2022, , .	0.4	0