

Dominic Eggbeer

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

882
citations

623734

14
h-index

526287

27
g-index

40
all docs

40
docs citations

40
times ranked

921
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of CAD/CAM technology to fabricate a removable partial denture framework. <i>Journal of Prosthetic Dentistry</i> , 2006, 96, 96-99.	2.8	175
2	Rapid manufacture of removable partial denture frameworks. <i>Rapid Prototyping Journal</i> , 2006, 12, 95-99.	3.2	120
3	Rapid manufacture of custom-fitting surgical guides. <i>Rapid Prototyping Journal</i> , 2009, 15, 346-354.	3.2	81
4	CAD/CAM/AM applications in the manufacture of dental appliances. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2012, 142, 727-733.	1.7	71
5	Rapid prototyping technologies in soft tissue facial prosthetics: current state of the art. <i>Rapid Prototyping Journal</i> , 2010, 16, 130-137.	3.2	60
6	Evaluation of direct and indirect additive manufacture of maxillofacial prostheses. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2012, 226, 718-728.	1.8	59
7	A Comparative Analysis of the Corrosive Effect of Artificial Saliva of Variable pH on DMLS and Cast Co-Cr-Mo Dental Alloy. <i>Materials</i> , 2014, 7, 6486-6501.	2.9	46
8	Fabrication of a resin appliance with alloy components using digital technology without an analog impression. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2015, 148, 862-867.	1.7	30
9	Reporting fidelity in the literature for computer aided design and additive manufacture of implants and guides. <i>Additive Manufacturing</i> , 2018, 23, 362-373.	3.0	27
10	A selective laser melted Co-Cr alloy used for the rapid manufacture of removable partial denture frameworks: Initial screening of biocompatibility. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 43-52.	0.8	25
11	Comparative analysis of structure and hardness of cast and direct metal laser sintering produced Co-Cr alloys used for dental devices. <i>Rapid Prototyping Journal</i> , 2016, 22, 144-151.	3.2	24
12	Evolution of design considerations in complex craniofacial reconstruction using patient-specific implants. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2017, 231, 509-524.	1.8	19
13	Additively manufactured maxillofacial implants and guides "achieving routine use. <i>Rapid Prototyping Journal</i> , 2016, 22, 189-199.	3.2	17
14	Additively manufactured versus conventionally pressed cranioplasty implants: An accuracy comparison. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2018, 232, 949-961.	1.8	17
15	In vitro corrosion analyses of heat treated cobalt-chromium alloys manufactured by direct metal laser sintering. <i>Rapid Prototyping Journal</i> , 2015, 21, 111-116.	3.2	14
16	Post-traumatic zygomatic osteotomy and orbital floor reconstruction. <i>Rapid Prototyping Journal</i> , 2016, 22, 878-886.	3.2	12
17	In vitro cytotoxicity assessment of the 3D printed polymer based epoxy resin intended for use in dentistry. <i>Vojnosanitetski Pregled</i> , 2019, 76, 502-509.	0.2	12
18	Patient specific total temporomandibular joint reconstruction: A review of biomaterial, designs, fabrication and outcomes. <i>Journal of Oral Biology and Craniofacial Research</i> , 2021, 11, 334-343.	1.9	11

#	ARTICLE	IF	CITATIONS
19	Design and fabrication of a sleep apnea device using computer-aided design/additive manufacture technologies. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2013, 227, 350-355.	1.8	9
20	A CAD and AM process for maxillofacial prostheses bar-clip retention. Rapid Prototyping Journal, 2016, 22, 170-177.	3.2	8
21	The use of adenosine triphosphate bioluminescence for assessing the cleanliness of additive-manufacturing materials used in medical applications. Additive Manufacturing, 2016, 9, 25-29.	3.0	7
22	Evaluating additive manufacturing for the production of custom head supports: A comparison against a commercial head support under static loading conditions. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2020, 234, 458-467.	1.8	7
23	Clinical Relevance of Laser-Sintered Co-Cr Alloys for Prosthodontic Treatments: A Review. , 2014, , .		7
24	Toward identifying specification requirements for digital bone-anchored prosthesis design incorporating substructure fabrication: a pilot study. International Journal of Prosthodontics, 2006, 19, 258-63.	1.7	7
25	Medical imaging. , 2015, , 7-34.		5
26	Standardizing the patient-specific medical device design process via a paper-based pro-forma. Journal of Design, Business and Society, 2020, 6, 233-258.	0.3	2
27	Physical reproduction. , 2015, , 65-98.		1
28	Comparison of virtual and physical dimensions in AM resin dental devices and fit of devices with conventionally produced base plates. Rapid Prototyping Journal, 2018, 24, 188-194.	3.2	1
29	Computer-aided methods for single-stage fibrous dysplasia excision and reconstruction in the zygomatico-orbital complex. Rapid Prototyping Journal, 2019, 25, 728-737.	3.2	1
30	Identifying research and development priorities for an in-hospital 3D design engineering facility in India. Journal of Design, Business and Society, 2020, 6, 189-213.	0.3	1
31	CAD/CAM-fabricated removable partial-denture alloy frameworks. Practical Procedures & Aesthetic Dentistry: PPAD, 2008, 20, 349-51.	0.0	1
32	Working with medical scan data. , 2015, , 35-63.		0
33	Uncovering self-management needs to better design for people living with lymphoedema. Design for Health, 2019, 3, 220-239.	0.8	0
34	The Role of Computer-Aided Design and Three-Dimensional Printing in Posttraumatic Correction. , 2020, , 143-162.		0
35	Cytotoxicity of 3D Printed Materials for Potential Dental Applications: An In Vitro Study. Open Dentistry Journal, 2022, 16, .	0.5	0