Florian M Thieringer

List of Publications by Year
in descending order

64	1,472	361388 20	361001 35
papers	citations	h-index	g-index

71	71	71	1503
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Patient-Specific Surgical Implants Made of 3D Printed PEEK: Material, Technology, and Scope of Surgical Application. BioMed Research International, 2018, 2018, 1-8.	1.9	175
2	Evaluation of the Dimensional Accuracy of 3D-Printed Anatomical Mandibular Models Using FFF, SLA, SLS, MJ, and BJ Printing Technology. Journal of Clinical Medicine, 2020, 9, 817.	2.4	130
3	Comparing the mechanical properties of pressed, milled, and 3D-printed resins for occlusal devices. Journal of Prosthetic Dentistry, 2020, 124, 780-786.	2.8	96
4	3D Printed Surgical Simulation Models as educational tool by maxillofacial surgeons. European Journal of Dental Education, 2018, 22, e500-e505.	2.0	74
5	An In Vitro Study of Osteoblast Response on Fused-Filament Fabrication 3D Printed PEEK for Dental and Cranio-Maxillofacial Implants. Journal of Clinical Medicine, 2019, 8, 771.	2.4	74
6	Computer-assisted virtual planning and surgical template fabrication for frontoorbital advancement. Neurosurgical Focus, 2015, 38, E5.	2.3	53
7	Effects of Steam Sterilization on 3D Printed Biocompatible Resin Materials for Surgical Guidesâ€"An Accuracy Assessment Study. Journal of Clinical Medicine, 2020, 9, 1506.	2.4	52
8	Craniofacial Reconstruction by a Cost-Efficient Template-Based Process Using 3D Printing. Plastic and Reconstructive Surgery - Global Open, 2017, 5, e1582.	0.6	47
9	Quantitative Assessment of Point-of-Care 3D-Printed Patient-Specific Polyetheretherketone (PEEK) Cranial Implants. International Journal of Molecular Sciences, 2021, 22, 8521.	4.1	46
10	A Simple 3-Dimensional Printed Aid for a Corrective Palmar Opening Wedge Osteotomy of the Distal Radius. Journal of Hand Surgery, 2016, 41, 464-469.	1.6	41
11	Can an entry-level 3D printer create high-quality anatomical models? Accuracy assessment of mandibular models printed by a desktop 3D printer and a professional device. International Journal of Oral and Maxillofacial Surgery, 2020, 49, 143-148.	1.5	39
12	Quality Characteristics and Clinical Relevance of In-House 3D-Printed Customized Polyetheretherketone (PEEK) Implants for Craniofacial Reconstruction. Journal of Clinical Medicine, 2020, 9, 2818.	2.4	38
13	Accuracy Assessment of Molded, Patient-Specific Polymethylmethacrylate Craniofacial Implants Compared to Their 3D Printed Originals. Journal of Clinical Medicine, 2020, 9, 832.	2.4	35
14	Three-Dimensional Analysis of Isolated Orbital Floor Fractures Pre- and Post-Reconstruction with Standard Titanium Meshes and â€œHybridâ€•Patient-Specific Implants. Journal of Clinical Medicine, 2020, 9, 1579.	2.4	31
15	In-Hospital 3D Printed Scaphoid Prosthesis Using Medical-Grade Polyetheretherketone (PEEK) Biomaterial. BioMed Research International, 2021, 2021, 1-7.	1.9	31
16	3D-Printer-Assisted Patient-Specific Polymethyl Methacrylate Cranioplasty: A Case Series of 16 Consecutive Patients. World Neurosurgery, 2021, 148, e356-e362.	1.3	31
17	Fabrication and Characterization of PCL/HA Filament as a 3D Printing Material Using Thermal Extrusion Technology for Bone Tissue Engineering. Polymers, 2022, 14, 669.	4.5	30
18	Evaluation of Two 3D Printers for Guided Implant Surgery. International Journal of Oral and Maxillofacial Implants, 2018, 33, 743-746.	1.4	28

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19	Design and Additive Manufacturing of a Biomimetic Customized Cranial Implant Based on Voronoi Diagram. Frontiers in Physiology, 2021, 12, 647923.	2.8	25
20	Development and validation of a synthetic 3D-printed simulator for training in neuroendoscopic ventricular lesion removal. Neurosurgical Focus, 2020, 48, E18.	2.3	24
21	Structure, properties, and bioactivity of <scp>3D</scp> printed <scp>PAEKs</scp> for implant applications: A systematic review. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 1924-1941.	3.4	23
22	3Dâ€printed patient individualised models vs cadaveric models in an undergraduate oral and maxillofacial surgery curriculum: Comparison of student's perceptions. European Journal of Dental Education, 2020, 24, 799-806.	2.0	22
23	A massacre of early Neolithic farmers in the high Pyrenees at Els Trocs, Spain. Scientific Reports, 2020, 10, 2131.	3.3	20
24	Functional and Cosmetic Outcome after Reconstruction of Isolated, Unilateral Orbital Floor Fractures (Blow-Out Fractures) with and without the Support of 3D-Printed Orbital Anatomical Models. Journal of Clinical Medicine, 2021, 10, 3509.	2.4	20
25	Tailoring the biologic responses of 3D printed PEEK medical implants by plasma functionalization. Dental Materials, 2022, 38, 1083-1098.	3.5	20
26	In Vitro Mechanical and Biological Properties of 3D Printed Polymer Composite and Î²-Tricalcium Phosphate Scaffold on Human Dental Pulp Stem Cells. Materials, 2020, 13, 3057.	2.9	18
27	Consumer vs. High-End 3D Printers for Guided Implant Surgeryâ€"An In Vitro Accuracy Assessment Study of Different 3D Printing Technologies. Journal of Clinical Medicine, 2021, 10, 4894.	2.4	17
28	In-hospital professional production of patient-specific 3D-printed devices for hand and wrist rehabilitation. Hand Surgery and Rehabilitation, 2021, 40, 126-133.	0.4	15
29	Patient Specific Implants from a 3D Printer â€“ An Innovative Manufacturing Process for Custom PEEK Implants in Cranio-Maxillofacial Surgery. , 2018, , 308-315.		14
30	Three-dimensional Assessment of the Breast: Validation of a Novel, Simple and Inexpensive Scanning Process. In Vivo, 2019, 33, 839-842.	1.3	14
31	Comparative Evaluation of Digitization of Diagnostic Dental Cast (Plaster) Models Using Different Scanning Technologies. Dentistry Journal, 2020, 8, 79.	2.3	14
32	Heat transfer-based non-isothermal healing model for the interfacial bonding strength of fused filament fabricated polyetheretherketone. Additive Manufacturing, 2021, 46, 102097.	3.0	14
33	Melanotic neuroectodermal tumor of infancy to the skull: case-based review. Child's Nervous System, 2020, 36, 679-688.	1.1	13
34	A three-dimensional printed patient-specific scaphoid replacement: a cadaveric study. Journal of Hand Surgery: European Volume, 2018, 43, 407-412.	1.0	12
35	Medical 3D printing with a focus on Point-of-Care in Cranio- and Maxillofacial Surgery. A systematic review of literature. Annals of 3D Printed Medicine, 2022, 6, 100059.	3.1	12
36	Overview of In-Hospital 3D Printing and Practical Applications in Hand Surgery. BioMed Research International, 2021, 2021, 1-14.	1.9	11

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37	3D-printed titanium implant combined with interleukin 4 regulates ordered macrophage polarization to promote bone regeneration and angiogenesis. Bone and Joint Research, 2021, 10, 411-424.	3.6	11
38	A Multi-Criteria Assessment Strategy for 3D Printed Porous Polyetheretherketone (PEEK) Patient-Specific Implants for Orbital Wall Reconstruction. Journal of Clinical Medicine, 2021, 10, 3563.	2.4	11
39	Strawberry gingivitis: Challenges in the diagnosis of granulomatosis with polyangiitis on gingival specimens. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2019, 128, e202-e207.	0.4	10
40	3D printed patient individualised models versus cadaveric models in an undergraduate oral and maxillofacial surgery curriculum: Comparison of students' perceptions. European Journal of Dental Education, 2020, 24, 809-810.	2.0	10
41	The Comprehensive AO CMF Classification System for Mandibular Fractures: A Multicenter Validation Study. Craniomaxillofacial Trauma & Reconstruction, 2019, 12, 254-265.	1.3	7
42	Fibula Graft Cutting Devices: Are 3D-Printed Cutting Guides More Precise than a Universal, Reusable Osteotomy Jig?. Journal of Clinical Medicine, 2020, 9, 4119.	2.4	7
43	Case Report: Reconstruction of a Large Maxillary Defect With an Engineered, Vascularized, Prefabricated Bone Graft. Frontiers in Oncology, 2021, 11, 775136.	2.8	7
44	Retrobulbar haematoma in the era of anticoagulants. Injury, 2019, 50, 1641-1648.	1.7	5
45	Recurrent CTNNB1 mutations in craniofacial osteomas. Modern Pathology, 2022, 35, 489-494.	5.5	4
46	Nomogram predicting long-term overall and cancer-specific survival of patients with buccal mucosa cancer. BMC Oral Health, 2022, 22, 138.	2.3	4
47	Implant Supported Fixed Dental Prostheses Using a New Monotype Zirconia Implantâ€"A Case Report. Dentistry Journal, 2015, 3, 79-92.	2.3	3
48	A nationwide survey of undergraduate training in oral and maxillofacial surgery. Oral and Maxillofacial Surgery, 2018, 22, 289-296.	1.3	3
49	The need for overcorrection: evaluation of computer-assisted, virtually planned, fronto-orbital advancement using postoperative 3D photography. Neurosurgical Focus, 2021, 50, E5.	2.3	3
50	High Precision Bone Cutting by Er: YAG Lasers Might Minimize the Invasiveness of Navigated Brain Biopsies. Frontiers in Oncology, 2021, 11, 690374.	2.8	3
51	Cold ablation robotâ€guided laser osteotomy in hand, wrist and forearm surgeryâ€"A feasibility study. International Journal of Medical Robotics and Computer Assisted Surgery, 2022, 18, .	2.3	3
52	3D-printing for orthopedic treatment of infants with cleft lips and palate deformities. International Journal of Oral and Maxillofacial Surgery, 2019, 48, 5.	1.5	2
53	A simple, effective, universal, and reusable osteotomy tool for jaw reconstructions with microvascular fibula transplants. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2020, 73, 98-102.	1.0	2
54	Recurrence of Ameloblastic Fibro-Odontoma in a Child: A Case Report. Craniomaxillofacial Trauma & Reconstruction Open, 2020, 5, 247275122090484.	0.2	2

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55	Fibroblast behavior on conventionally processed, milled, and printed occlusal device materials with different surface treatments. Journal of Prosthetic Dentistry, 2021, , .	2.8	2
56	Oral Kaposiâ€™s Sarcoma: A Case Report and Literature Review on Treatment Management. Craniomaxillofacial Trauma & Reconstruction Open, 2021, 6, 247275122110363.	0.2	2
57	Additive Manufacturing and 3D Printing. , 2020, , 227-237.		2
58	Biomechanical Evaluation of Patient-Specific Polymethylmethacrylate Cranial Implants for Virtual Surgical Planning: An In-Vitro Study. Materials, 2022, 15, 1970.	2.9	2
59	The Evolution of Photography and Three-Dimensional Imaging in Plastic Surgery. Plastic and Reconstructive Surgery, 2018, 141, 196e-197e.	1.4	1
60	Reconstruction of a Combined Frontal Bone and Orbital Roof Defect With Associated Meningoencephalocele Using 3D Modeling and 3D Navigation. Craniomaxillofacial Trauma & Reconstruction Open, 2021, 6, 247275122110233.	0.2	1
61	High energy facial trauma in an airplane crash survivor. International Journal of Oral and Maxillofacial Surgery, 2019, 48, 197-198.	1.5	0
62	The comprehensive AO CMF classification system for mandibular fractures: a multicenter validation study. International Journal of Oral and Maxillofacial Surgery, 2019, 48, 31-32.	1.5	0
63	Shoot and Post: The Making of Educational Videos. Craniomaxillofacial Trauma & Reconstruction Open, 2020, 5, 247275122096616.	0.2	0
64	An Interactive, Fully Digital Design Workflow for a Custom 3D Printed Facial Protection Orthosis (Face Mask). , 2021, , 26-36.		0