

Michael Engel

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,415
citations

361413

20
h-index

377865

34
g-index

71
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71
docs citations

71
times ranked

1734
citing authors

#	ARTICLE	IF	CITATIONS
1	Ideas and perspectives: Tracing terrestrial ecosystem water fluxes using hydrogen and oxygen stable isotopes – challenges and opportunities from an interdisciplinary perspective. <i>Biogeosciences</i> , 2018, 15, 6399-6415.	3.3	115
2	Identifying runoff contributions during melt-induced runoff events in a glacierized alpine catchment. <i>Hydrological Processes</i> , 2016, 30, 343-364.	2.6	81
3	Is the conservative non-surgical management of medication-related osteonecrosis of the jaw an appropriate treatment option for early stages? A long-term single-center cohort study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 491-499.	1.7	71
4	Early bone resorption of free microvascular reanastomized bone grafts for mandibular reconstruction – A comparison of iliac crest and fibula grafts. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, e217-e223.	1.7	61
5	Trigonocephaly: Results after surgical correction of nonsyndromatic isolated metopic suture synostosis in 54 cases. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2012, 40, 347-353.	1.7	47
6	Double-layer closure techniques after bone surgery of medication-related osteonecrosis of the jaw – A single center cohort study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 815-824.	1.7	47
7	Towards a tracer-based conceptualization of meltwater dynamics and streamflow response in a glacierized catchment. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 23-41.	4.9	46
8	Surgical management of bisphosphonate-related osteonecrosis of the jaw stages II and III. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016, 121, 367-372.	0.4	45
9	Impact of severity and therapy onset on helmet therapy in positional plagiocephaly. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 110-115.	1.7	43
10	A comparison of free anterolateral thigh and latissimus dorsi flaps in soft tissue reconstruction of extensive defects in the head and neck region. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 1551-1556.	1.7	41
11	Incidence of bisphosphonate-related osteonecrosis of the jaw in high-risk patients undergoing surgical tooth extraction. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 510-514.	1.7	41
12	Accuracy of patient-specific implants and additive-manufactured surgical splints in orthognathic surgery – A three-dimensional retrospective study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 847-853.	1.7	39
13	Metopic synostosis: Measuring intracranial volume change following fronto-orbital advancement using three-dimensional photogrammetry. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 593-598.	1.7	35
14	Value of preoperative imaging in the diagnostics of isolated metopic suture synostosis: A risk-benefit analysis. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2012, 65, 1246-1251.	1.0	33
15	Treatment delay and tumor size in patients with oral cancer during the first year of the COVID-19 pandemic. <i>Head and Neck</i> , 2021, 43, 3493-3497.	2.0	31
16	Controls on spatial and temporal variability in streamflow and hydrochemistry in a glacierized catchment. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 2041-2063.	4.9	29
17	Deep Learning on Oral Squamous Cell Carcinoma Ex Vivo Fluorescent Confocal Microscopy Data: A Feasibility Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5326.	2.4	28
18	The value of tranexamic acid during fronto-orbital advancement in isolated metopic craniosynostosis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 1239-1243.	1.7	27

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19	After the peak water: the increasing influence of rock glaciers on alpine river systems. <i>Hydrological Processes</i> , 2019, 33, 2804-2823.	2.6	25
20	Reconstruction of the maxilla following hemimaxillectomy defects with scapular tip grafts and dental implants. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 1806-1811.	1.7	24
21	Short- and long-term changes of the pharyngeal airway after surgical mandibular advancement in Class II patients—a three-dimensional retrospective study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 56-62.	1.7	23
22	Interdisciplinary treatment algorithm for facial high-flow arteriovenous malformations, and review of the literature. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 765-772.	1.7	22
23	Value of nonsurgical therapeutic management of stage I bisphosphonate-related osteonecrosis of the jaw. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 1139-1143.	1.7	21
24	Midface correction in patients with Crouzon syndrome is Le Fort III distraction osteogenesis with a rigid external distraction device the gold standard?. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 420-430.	1.7	21
25	The value of ultrasound-assisted pinned resorbable osteosynthesis for cranium vault remodelling in cranosynostosis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 503-507.	1.7	20
26	Surgical management of cross-bites in orthognathic surgery: Surgically assisted rapid maxillary expansion (SARME) versus two-piece maxilla. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 1109-1112.	1.7	19
27	Prospective feasibility analysis of salvage surgery in recurrent oral cancer in terms of quality of life. <i>Oral Oncology</i> , 2020, 102, 104580.	1.5	19
28	Snow model sensitivity analysis to understand spatial and temporal snow dynamics in a high elevation catchment. <i>Hydrological Processes</i> , 2017, 31, 4151-4168.	2.6	18
29	Can electromagnetic-navigated maxillary positioning replace occlusional splints in orthognathic surgery? A clinical pilot study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 1593-1599.	1.7	18
30	A comparative study of plant water extraction methods for isotopic analyses: Scholander-type pressure chamber vs. cryogenic vacuum distillation. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 3673-3689.	4.9	17
31	Implant-prosthetic rehabilitation of hemimaxillectomy defects with CAD/CAM suprastructures. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2016, 44, 1812-1818.	1.7	16
32	Reconstruction of the severely atrophic edentulous maxillae with calvarial bone grafts. <i>Clinical Oral Implants Research</i> , 2017, 28, 749-756.	4.5	16
33	Spatial and temporal variability of bacterial communities in high alpine water spring sediments. <i>Research in Microbiology</i> , 2016, 167, 325-333.	2.1	15
34	Clinical outcome and prognostic factors in recurrent oral squamous cell carcinoma after primary surgical treatment: a retrospective study. <i>Clinical Oral Investigations</i> , 2022, 26, 2055-2064.	3.0	15
35	Effect of occlusal plane correction on lip cant in two-jaw orthognathic surgery – A three-dimensional analysis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 1026-1030.	1.7	14
36	Subjective and objective appearance of head and neck cancer patients following microsurgical reconstruction and associated quality of life – A cross-sectional study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 1275-1284.	1.7	14

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37	Accuracy of laser-melted patient-specific implants in genioplasty – A three-dimensional retrospective study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2020, 48, 653-660.	1.7	14
38	Magnetic Resonance Imaging in Isolated Sagittal Synostosis. <i>Journal of Craniofacial Surgery</i> , 2012, 23, e366-e369.	0.7	13
39	Electromagnetic navigated condylar positioning after high oblique sagittal split osteotomy of the mandible: a guided method to attain pristine temporomandibular joint conditions. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2018, 125, 407-414.e1.	0.4	13
40	Squamous cell carcinoma of the mandible – Patterns of metastasis and disease recurrence in dependence of localization and therapy. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2020, 48, 1158-1163.	1.7	13
41	Water uptake of apple trees in the Alps: Where does irrigation water go?. <i>Ecohydrology</i> , 2021, 14, e2306.	2.4	13
42	The value of three-dimensional photogrammetry in isolated sagittal synostosis: Impact of age and surgical technique on intracranial volume and cephalic index – a retrospective cohort study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 2010-2016.	1.7	12
43	No evidence of isotopic fractionation in olive trees (<i>Olea europaea</i>): a stable isotope tracing experiment. <i>Hydrological Sciences Journal</i> , 2021, 66, 2415-2430.	2.6	11
44	The occurrence of cervical metastases in squamous cell carcinoma of the tongue: Is there a rationale for bilateral neck dissection in early-stage tumors?. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 1134-1138.	1.7	10
45	Is panendoscopy a necessary staging procedure in patients with lacking risk factors and oral squamous cell carcinoma?. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 1968-1972.	1.7	10
46	Development of osteomyelitis following dental abscesses – influence of therapy and comorbidities. <i>Clinical Oral Investigations</i> , 2021, 25, 1395-1401.	3.0	9
47	Contrasting physical and chemical conditions of two rock glacier springs. <i>Hydrological Processes</i> , 2021, 35, e14159.	2.6	9
48	Diagnostic accuracy comparing OPT and CBCT in the detection of non-vital bone changes before tooth extractions in patients with antiresorptive intake. <i>Oral Diseases</i> , 2023, 29, 1039-1049.	3.0	9
49	Features of oral squamous cell carcinoma in <i>ex vivo</i> fluorescence confocal microscopy. <i>International Journal of Dermatology</i> , 2021, 60, 236-240.	1.0	9
50	Solitary Infantile Myofibroma of the Skull. <i>Journal of Craniofacial Surgery</i> , 2011, 22, e66-e68.	0.7	8
51	Cranial Vault Remodeling in Microcephalic Osteodysplastic Primordial Dwarfism Type II and Craniosynostosis. <i>Journal of Craniofacial Surgery</i> , 2012, 23, 1407-1409.	0.7	8
52	Treatment delay in early-stage oral squamous cell carcinoma and its relation to survival. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2021, 49, 462-467.	1.7	8
53	Development of the clinical use of distant flaps for head and neck reconstruction. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 79-83.	1.7	7
54	Head motion during cone-beam computed tomography: Analysis of frequency and influence on image quality. <i>Imaging Science in Dentistry</i> , 2020, 50, 227.	1.8	7

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55	A critical assessment of the medication-related osteonecrosis of the jaw classification in stage I patients: a retrospective analysis. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2021, 47, 99-111.	0.8	6
56	Health-related quality of life in children after surgical treatment of non-syndromal craniosynostosis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2021, 49, 655-658.	1.7	4
57	Feasibility and Implementation of Ex Vivo Fluorescence Confocal Microscopy for Diagnosis of Oral Leukoplakia: Preliminary Study. <i>Diagnostics</i> , 2021, 11, 951.	2.6	4
58	Full-Thickness Tumor Resection of Oral Cancer Involving the Facial Skin—Microsurgical Reconstruction of Extensive Defects after Radical Treatment of Advanced Squamous Cell Carcinoma. <i>Cancers</i> , 2021, 13, 2122.	3.7	3
59	In vivo reflectance confocal microscopy of wounds: feasibility of intraoperative basal cell carcinoma margin assessment. <i>Annals of Translational Medicine</i> , 2021, 9, 0-0.	1.7	3
60	Ex vivo fluorescent confocal microscopy images of oral mucosa: Tissue atlas and evaluation of the learning curve. <i>Journal of Biophotonics</i> , 2022, 15, e202100225.	2.3	3
61	How do geomorphic characteristics affect the source of tree water uptake in restored river floodplains?. <i>Ecohydrology</i> , 2022, 15, .	2.4	3
62	Influence of Preventive Tooth Extractions on Quality of Life in Patients with Antiresorptive Intake—A Prospective Longitudinal Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11650.	2.6	2
63	Do Functional Scores of Flap Donor Sites Recover After Reconstruction of Segmental Jaw Defects?. <i>Journal of Oral and Maxillofacial Surgery</i> , 2020, 78, 851.e1-851.e7.	1.2	1