Lucas M Ritschl

List of Publications by Year
in descending order

52	792	471509 17	610901 24
papers	citations	h-index	g-index

54	54	54	674
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oral bacteria in infective endocarditis requiring surgery: a retrospective analysis of 134 patients. Clinical Oral Investigations, 2022, 26, 4977-4985.	3.0	7
2	Results of a Clinical Scoring System Regarding Symptoms and Surgical Treatment of Isolated Unilateral Zygomatico-Orbital Fractures: A Single-Centre Retrospective Analysis of 461 Cases. Journal of Clinical Medicine, 2022, 11, 2187.	2.4	1
3	Preoperative Peroneal Artery Perforator Mapping Using Indocyanine Green Angiography: A Prospective Clinical Trial. Plastic and Reconstructive Surgery, 2022, Publish Ahead of Print, .	1.4	2
4	CSF disturbances and other neurosurgical complications after interdisciplinary reconstructions of large combined scalp and skull deficiencies. Neurosurgical Review, 2021, 44, 1583-1589.	2.4	2
5	Retrospective analysis of complications in 190 mandibular resections and simultaneous reconstructions with free fibula flap, iliac crest flap or reconstruction plate: a comparative single centre study. Clinical Oral Investigations, 2021, 25, 2905-2914.	3.0	19
6	NAMâ€"help or burden? Intercultural evaluation of parental stress caused by nasoalveolar molding: a retrospective multi-center study. Clinical Oral Investigations, 2021, 25, 5421-5430.	3.0	10
7	Effects of endothelial defects and venous interposition grafts on the acute incidence of thrombus formation within microvascular procedures. Scientific Reports, 2021, 11, 8767.	3.3	0
8	The impact of intraoperative frozen section analysis on final resection margin status, recurrence, and patient outcome with oral squamous cell carcinoma. Clinical Oral Investigations, 2021, 25, 6769-6777.	3.0	6
9	In-House, Open-Source 3D-Software-Based, CAD/CAM-Planned Mandibular Reconstructions in 20 Consecutive Free Fibula Flap Cases: An Explorative Cross-Sectional Study With Three-Dimensional Performance Analysis. Frontiers in Oncology, 2021, 11, 731336.	2.8	15
10	Thermal effect of a 445Ânm diode laser on five dental implant systems: an in vitro study. Scientific Reports, 2021, 11, 20174.	3.3	10
11	MRI of the inferior alveolar nerve and lingual nerveâ€"anatomical variation and morphometric benchmark values of nerve diameters in healthy subjects. Clinical Oral Investigations, 2020, 24, 2625-2634.	3.0	25
12	Identifying perioperative volume-related risk factors in head and neck surgeries with free flap reconstructions â€“ An investigation with focus on the influence of red blood cell concentrates and noradrenaline use. Journal of Cranio-Maxillo-Facial Surgery, 2020, 48, 67-74.	1.7	13
13	InÂvivo perfusion of free skin flaps using extracorporeal membrane oxygenation. Journal of Cranio-Maxillo-Facial Surgery, 2020, 48, 90-97.	1.7	8
14	Alterations in Surgically Created Intimal Lesions: An Observation Study in the Aortic Rat Model. Journal of Reconstructive Microsurgery, 2020, 36, 339-345.	1.8	1
15	High resolution MRI for quantitative assessment of inferior alveolar nerve impairment in course of mandible fractures: an imaging feasibility study. Scientific Reports, 2020, 10, 11566.	3.3	21
16	Bone volume change following vascularized free bone flap reconstruction of the mandible. Journal of Cranio-Maxillo-Facial Surgery, 2020, 48, 859-867.	1.7	16
17	Comparison between Different Perforator Imaging Modalities for the Anterolateral Thigh Perforator Flap Transfer: A Prospective Study. Journal of Reconstructive Microsurgery, 2020, 36, 686-693.	1.8	16
18	A comparative analysis using flowmeter, laser-Doppler spectrophotometry, and indocyanine green-videoangiography for detection of vascular stenosis in free flaps. Scientific Reports, 2020, 10, 939.	3.3	11

#	Article	IF	Citations
19	Comparative Photographic, Retrospective Analysis of Nonsyndromic Cleft Noses Treated with or without NAM. Plastic and Reconstructive Surgery - Global Open, 2020, 8, e3045.	0.6	5
20	A Standard Algorithm for Reconstruction of Scalp Defects With Simultaneous Free Flaps in an Interdisciplinary Two-Team Approach. Frontiers in Oncology, 2019, 9, 1130.	2.8	13
21	Prenatal intrauterine maxillary development â€" An evaluation with three-dimensional ultrasound. Journal of Cranio-Maxillo-Facial Surgery, 2019, 47, 1077-1082.	1.7	4
22	The absolute and relative effects of presurgical nasoalveolar moulding in bilateral cleft lip and palate patients compared with nasal growth in healthy newborns. Journal of Cranio-Maxillo-Facial Surgery, 2019, 47, 1083-1091.	1.7	6
23	Simultaneous, radiation-free registration of the dentoalveolar position and the face by combining 3D photography with a portable scanner and impression-taking. Head & Face Medicine, 2019, 15, 28.	2.1	19
24	Effect of Segment Length and Number of Osteotomy Sites on Cancellous Bone Perfusion in Free Fibula Flaps. Journal of Reconstructive Microsurgery, 2019, 35, 108-116.	1.8	15
25	Multimodal analysis using flowmeter analysis, laser-Doppler spectrophotometry, and indocyanine green videoangiography for the detection of venous compromise in flaps in rats. Journal of Cranio-Maxillo-Facial Surgery, 2018, 46, 905-915.	1.7	9
26	Establishment of a finite element model of a neonate's skull to evaluate the stress pattern distribution resulting during nasoalveolar molding therapy of cleft lip and palate patients. Journal of Cranio-Maxillo-Facial Surgery, 2018, 46, 660-667.	1.7	5
27	Evaluation of a portable low-budget three-dimensional stereophotogrammetry system for nasal analysis. Journal of Cranio-Maxillo-Facial Surgery, 2018, 46, 2008-2016.	1.7	7
28	Prediction of Flap Necrosis by Using Indocyanine Green Videoangiography in Cases of Venous Occlusion in the Epigastric Flap Model of the Rat. Journal of Reconstructive Microsurgery Open, 2018, 03, e62-e69.	0.2	2
29	Stress Distribution Patterns within Viscero- and Neurocranium during Nasoalveolar Molding. Plastic and Reconstructive Surgery - Global Open, 2018, 6, e1832.	0.6	1
30	The possibilities of a portable low-budget three-dimensional stereophotogrammetry system in neonates: a prospective growth analysis and analysis of accuracy. Head & Face Medicine, 2018, 14, 11.	2.1	11
31	A semi-automated virtual workflow solution for the design and production of intraoral molding plates using additive manufacturing: the first clinical results of a pilot-study. Scientific Reports, 2018, 8, 11845.	3.3	21
32	Facilitating CAD/CAM nasoalveolar molding therapy with a novel click-in system for nasal stents ensuring a quick and user-friendly chairside nasal stent exchange. Scientific Reports, 2018, 8, 12084.	3.3	22
33	Indocyanine green videoangiographyâ€assisted prediction of flap necrosis in the rat epigastric flap using the flow^{Â®} 800 tool. Microsurgery, 2017, 37, 235-242.	1.3	23
34	Functional Outcome of CAD/CAM-Assisted versus Conventional Microvascular, Fibular Free Flap Reconstruction of the Mandible: A Retrospective Study of 30 Cases. Journal of Reconstructive Microsurgery, 2017, 33, 281-291.	1.8	42
35	A prospective longitudinal study of postnatal dentoalveolar and palatal growth: The anatomical basis for CAD/CAMâ€assisted production of cleftâ€lipâ€palate feeding plates. Clinical Anatomy, 2017, 30, 846-854.	2.7	11
36	Axiographic results of CAD/CAM-assisted microvascular, fibular free flap reconstruction of the mandible: A prospective study of 21 consecutive cases. Journal of Cranio-Maxillo-Facial Surgery, 2017, 45, 113-119.	1.7	14

#	Article	IF	Citations
37	Form and Size Matter: Increased Risk of Thrombosis in Microvessels with Surgically Created Endothelial Lesions. Journal of Reconstructive Microsurgery, 2017, 33, 040-044.	1.8	8
38	Predictors of free flap loss in the head and neck region: A four-year retrospective study with 451 microvascular transplants at a single centre. Journal of Cranio-Maxillo-Facial Surgery, 2016, 44, 1292-1298.	1.7	42
39	Free flap rescue using an extracorporeal perfusion device. Journal of Cranio-Maxillo-Facial Surgery, 2016, 44, 1889-1895.	1.7	25
40	Impact of different antithrombotics on the microcirculation and viability of perforator-based ischaemic skin flaps in a small animal model. Scientific Reports, 2016, 6, 35833.	3.3	27
41	Pitfalls and solutions in virtual design of nasoalveolar molding plates by using CAD/CAM technologyâ€"A preliminary clinical study. Journal of Cranio-Maxillo-Facial Surgery, 2016, 44, 453-459.	1.7	39
42	Tumor thickness and risk of lymph node metastasis in patients with squamous cell carcinoma of the tongue. Oral Oncology, 2016, 53, 80-84.	1.5	31
43	Free flap transplantation using an extracorporeal perfusion device: First three cases. Journal of Cranio-Maxillo-Facial Surgery, 2016, 44, 148-154.	1.7	33
44	Development of an Extracorporeal Perfusion Device for Small Animal Free Flaps. PLoS ONE, 2016, 11, e0147755.	2.5	18
45	The value of perioperative antibiotics on the success of oral free flap reconstructions. Microsurgery, 2015, 35, 507-511.	1.3	20
46	Risk of Thromboembolus after Application of Different Tissue Glues during Microvascular Anastomosis. Plastic and Reconstructive Surgery, 2015, 136, 1216-1225.	1.4	12
47	Ketamine-Xylazine Anesthesia in Rats: Intraperitoneal versus Intravenous Administration Using a Microsurgical Femoral Vein Access. Journal of Reconstructive Microsurgery, 2015, 31, 343-347.	1.8	25
48	Clinical trial analyzing the impact of continuous defocused CO2 laser vaporisation on the malignant transformation of erosive oral lichen planus. Journal of Cranio-Maxillo-Facial Surgery, 2015, 43, 1567-1570.	1.7	15
49	Nasoalveolar Molding in Cleft Careâ€"Experience in 40 Patients from a Single Centre in Germany. PLoS ONE, 2015, 10, e0118103.	2.5	54
50	Introduction of a Microsurgical In-Vivo Embolization-Model in Rats: The Aorta-Filter Model. PLoS ONE, 2014, 9, e89947.	2.5	3
51	Perforator flapsâ€"how many perforators are necessary to keep a flap alive?. British Journal of Oral and Maxillofacial Surgery, 2014, 52, 432-437.	0.8	23
52	Superficial Temporal Artery and Vein as Alternative Recipient Vessels for Intraoral Reconstruction With Free Flaps to Avoid the Cervical Approach With the Resulting Need for Double Flap Transfer in Previously Treated Necks. Frontiers in Oncology, 0, 12, .	2.8	2