

Michael Hackl

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

889
citations

516710

16
h-index

610901

24
g-index

120
all docs

120
docs citations

120
times ranked

538
citing authors

#	ARTICLE	IF	CITATIONS
1	The Treatment of Simple Elbow Dislocation in Adults. Deutsches Ärztblatt International, 2015, 112, 311-9.	0.9	51
2	Reliability of Magnetic Resonance Imaging Signs of Posterolateral Rotatory Instability of the Elbow. Journal of Hand Surgery, 2015, 40, 1428-1433.	1.6	50
3	The risk of suprascapular and axillary nerve injury in reverse total shoulder arthroplasty: An anatomic study. Injury, 2017, 48, 2042-2049.	1.7	38
4	Shoulder arthroplasty in Germany: 2005â€“2012. Archives of Orthopaedic and Trauma Surgery, 2016, 136, 723-729.	2.4	37
5	Elbow Positioning and Joint Insufflation Substantially Influence Median and Radial Nerve Locations. Clinical Orthopaedics and Related Research, 2015, 473, 3627-3634.	1.5	36
6	The course of the posterior interosseous nerve in relation to the proximal radius: Is there a reliable landmark?. Injury, 2015, 46, 687-692.	1.7	31
7	Functional anatomy of the lateral collateral ligament of the elbow. Archives of Orthopaedic and Trauma Surgery, 2016, 136, 1031-1037.	2.4	30
8	Plate Osteosynthesis of Proximal Ulnaâ€“Fracturesâ€“A Biomechanical Micromotion Analysis. Journal of Hand Surgery, 2017, 42, 834.e1-834.e7.	1.6	29
9	Reconstruction of the lateral ulnar collateral ligament of the elbow: a comparative biomechanical study. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 943-948.	4.2	26
10	Surgical revision of radial head fractures: a multicenter retrospective analysis of 466 cases. Journal of Shoulder and Elbow Surgery, 2019, 28, 1457-1467.	2.6	25
11	What to expect? Injury patterns of Electric-Scooter accidents over a period of oneâ€“year - A prospective monocentric study at a Level 1 Trauma Center. European Journal of Orthopaedic Surgery and Traumatology, 2022, 32, 641-647.	1.4	23
12	Rare implant-specific complications of the MoPyC radial head prosthesis. Journal of Shoulder and Elbow Surgery, 2017, 26, 830-837.	2.6	20
13	Radial shortening osteotomy reduces radiocapitellar contact pressures while preserving valgus stability of the elbow. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 2280-2288.	4.2	20
14	Nerve supply of the subscapularis during anterior shoulder surgery: definition of a potential risk area. Archives of Orthopaedic and Trauma Surgery, 2017, 137, 135-140.	2.4	20
15	From radial head to radiocapitellar to total elbow replacement: A case report. International Journal of Surgery Case Reports, 2015, 15, 35-38.	0.6	17
16	Can low-profile double-plate osteosynthesis for olecranon fractures reduce implant removal? A retrospective multicenter study. Journal of Shoulder and Elbow Surgery, 2020, 29, 1275-1281.	2.6	17
17	The treatment of anteromedial coronoid facet fractures: a systematic review. Journal of Shoulder and Elbow Surgery, 2021, 30, 942-948.	2.6	17
18	Radial nerve location at the posterior aspect of the humerus: an anatomic study of 100 specimens. Archives of Orthopaedic and Trauma Surgery, 2015, 135, 1527-1532.	2.4	16

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19	Peri-implant failure in dual plating of the distal humerusâ€”A biomechanical analysis with regard to screw and plate positioning. <i>Injury</i> , 2015, 46, 2142-2145.	1.7	16
20	The circumferential graft technique for treatment of multidirectional elbow instability: a comparative biomechanical evaluation. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 127-135.	2.6	16
21	The course of the median and radial nerve across the elbow: an anatomic study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2015, 135, 979-983.	2.4	14
22	Suture button reconstruction of the central band of the interosseous membrane in Essex-Lopresti lesions: a comparative biomechanical investigation. <i>Journal of Hand Surgery: European Volume</i> , 2017, 42, 370-376.	1.0	14
23	Inducing life-like distal radius fractures in human cadaveric specimens: a tool for enhanced surgical training. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 140, 425-432.	2.4	14
24	Annular ligament reconstruction with the superficial head of the brachialis: surgical technique and biomechanical evaluation. <i>Surgical and Radiologic Anatomy</i> , 2017, 39, 585-591.	1.2	11
25	The shape match of the olecranon tip for reconstruction of the coronoid process: influence of side and osteotomy angle. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, e117-e124.	2.6	11
26	Peroneal nerve location at the fibular head: an anatomic study using 3D imaging. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 921-926.	2.4	11
27	Osteosynthesis of Phalangeal Fractures: Biomechanical Comparison of Kirschner Wires, Plates, and Compression Screws. <i>Journal of Hand Surgery</i> , 2020, 45, 987.e1-987.e8.	1.6	11
28	The treatment of isolated Mason type II radial head fractures: a systematic review. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 487-494.	2.6	11
29	Rehabilitation of elbow fractures and dislocations. <i>Obere Extremitat</i> , 2017, 12, 201-207.	0.7	10
30	The Radioulnar Distance at the Level of the Radial Tuberosity. <i>Clinical Anatomy</i> , 2020, 33, 661-666.	2.7	10
31	Overlengthening of the radial column in radial head replacement: a review of the literature and presentation of a classification system. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 1525-1539.	2.4	9
32	Advanced Surgical Trauma Care Course â€” Evaluation of a Fracture Simulation Course Concept with Intact Soft Tissue. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2020, 158, 291-297.	0.7	8
33	The role of the brachialis muscle in elbow stability with collateral ligament injury: A biomechanical investigation. <i>Clinical Biomechanics</i> , 2021, 89, 105478.	1.2	7
34	Concomitant injury of the annular ligament in fractures of the coronoid process and the supinator crest. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 604-610.	2.6	6
35	Epicondylopathia humeri radialis. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2022, 160, 329-340.	0.7	6
36	Arthroscopic Revision of Medial Rotator Cuff Failure Augmented With a Bioabsorbable Patch. <i>Arthroscopy Techniques</i> , 2017, 6, e1069-e1074.	1.3	5

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37	The dominant nutrient foramen at the clavicular midshaft: an anatomical study. <i>Surgical and Radiologic Anatomy</i> , 2019, 41, 361-364.	1.2	5
38	Medial elbow exposure: an anatomic comparison of 5 approaches. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 512-519.	2.6	5
39	A “Comma Sign” Directed Subscapularis Repair in Anterosuperior Rotator Cuff Tears Yields Biomechanical Advantages in a Cadaveric Model. <i>American Journal of Sports Medicine</i> , 2021, 49, 3212-3217.	4.2	5
40	Insertional anatomy of the anterior medial collateral ligament on the sublime tubercle of the elbow. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 555-560.	2.6	4
41	Fractures around the hip: inducing life-like fractures as a basis for enhanced surgical training. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 141, 1683-1690.	2.4	4
42	Coronoid process reconstruction with a distal clavicle autograft: an in silico analysis of fitting accuracy. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 1282-1287.	2.6	4
43	Radial head fractures with interposed capitellar cartilage fragment “hindrance to bone healing” a case series. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 1615-1624.	2.4	4
44	The effect of glenoid lateralization and glenosphere size in reverse shoulder arthroplasty on deltoid load: A biomechanical cadaveric study. <i>Journal of Orthopaedics</i> , 2021, 25, 107-111.	1.3	4
45	Locking suture repair versus ligament augmentation “a biomechanical study regarding the treatment of acute lateral collateral ligament injuries of the elbow. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, , 1.	2.4	4
46	Proximal ulna fractures. <i>Obere Extremitat</i> , 2014, 9, 192-196.	0.7	3
47	The cortical irregularity in the transition zone of the radial head and neck: a reliable radiographic sign of an occult radial head fracture. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2016, 136, 1115-1120.	2.4	3
48	A prospective comparison of short-term results after arthroscopic and open elbow procedures in elbow stiffness. <i>Obere Extremitat</i> , 2019, 14, 263-268.	0.7	3
49	Impact of lumbar pedicle screw positioning on screw stability - A biomechanical investigation. <i>Clinical Biomechanics</i> , 2020, 74, 66-72.	1.2	3
50	Intratendinous Strain Variations of the Supraspinatus Tendon Depending on Repair Technique: A Biomechanical Analysis Regarding the Cause of Medial Cuff Failure. <i>American Journal of Sports Medicine</i> , 2021, 49, 1847-1853.	4.2	3
51	Anatomic evaluation of the triceps tendon insertion at the proximal olecranon regarding placement of fracture fixation devices. <i>Surgical and Radiologic Anatomy</i> , 2022, 44, 627-634.	1.2	3
52	The effect of long calcar screws on the primary stability of 3-part, varus impacted proximal humeral fractures compared to short calcar screws: a real fracture simulation study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2023, 143, 2485-2491.	2.4	3
53	Combined displaced fracture of the lesser humeral tuberosity and the scapular spine: A case report. <i>International Journal of Surgery Case Reports</i> , 2015, 13, 106-111.	0.6	2
54	First results of multicortical screw anchoring compared with conventional bicortical screw placement in the sacrum: A biomechanical investigation of a new screw design. <i>Clinical Biomechanics</i> , 2019, 65, 100-104.	1.2	2

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55	Prosthetic replacement of the radial head. <i>Obere Extremitat</i> , 2020, 15, 310-315.	0.7	2
56	Simulation of life-like distal humerus and olecranon fractures in fresh frozen human cadaveric specimens. <i>Obere Extremitat</i> , 2020, 15, 137-141.	0.7	2
57	Injuries to the Coronoid Process of the Ulna with Involvement of the Lesser Sigmoid Notch. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2022, 160, 35-39.	0.7	2
58	Biomechanical comparison of different fixation methods in metatarsal shaft fractures: A cadaver study. <i>Clinical Biomechanics</i> , 2022, 92, 105588.	1.2	2
59	Trans-fracture approach for ORIF of coronal shear fractures of the distal humerus. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2023, 143, 2519-2527.	2.4	2
60	The Circumferential Graft Technique for Treatment of Chronic Multidirectional Ligamentous Elbow Instability. <i>JBJS Essential Surgical Techniques</i> , 2017, 7, e6.	0.8	1
61	Primary stability of fixation methods for periprosthetic fractures of the humerus: a biomechanical investigation. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 2184-2190.	2.6	1
62	“Crack under pressure” Inducing life-like mandible fractures as a potential benefit to surgical education in oral and maxillofacial surgery. <i>Annals of Anatomy</i> , 2021, , 151878.	1.9	1
63	Arthroscopic Suture-Bridge Repair of the Subscapularis Tendon “Inside and Outside the Box” With Preservation of the Comma Sign. <i>Arthroscopy Techniques</i> , 2022, 11, e31-e36.	1.3	1
64	Metacarpal fractures “A method to simulate life-like fractures in human cadaveric specimens for surgical education. <i>Hand Surgery and Rehabilitation</i> , 2022, , .	0.4	1
65	Focus on stability: biomechanical evaluation of external fixation technique versus locking plate osteosynthesis in 3-part proximal humeral fractures. <i>Journal of Shoulder and Elbow Surgery</i> , 2022, 31, 1666-1673.	2.6	1
66	Influence of rotator cuff preload on fracture configuration in proximal humerus fractures: a proof of concept for fracture simulation. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, , .	2.4	1
67	Conservative treatment of fractures involving the coronoid process. <i>Obere Extremitat</i> , 0, , .	0.7	1
68	Reply to the letter to the editor: shortening osteotomy of the proximal radius. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 3328-3329.	4.2	0
69	5. Ellenbogen. , 2017, , 110-139.		0
70	Response to Laumonerie et Al regarding: “Rare implant-specific complications of the MoPyC radial head prosthesis” <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, e81.	2.6	0
71	Terrible Triad Injuries. <i>Strategies in Fracture Treatments</i> , 2019, , 85-98.	0.1	0
72	Double-plate osteosynthesis for proximal ulnar fractures. <i>Obere Extremitat</i> , 2020, 15, 307-309.	0.7	0

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73	Influence of glenosphere diameter and lateralization on instability of reverse shoulder arthroplasty. Obere Extremitat, 2020, 15, 199-206.	0.7	0
74	Imaging diagnosis of radial head fracturesâ€”evaluation of plain radiography vs. CT scans. Obere Extremitat, 2021, 16, 198-202.	0.7	0
75	Anatomie und Biomechanik des Ellenbogengelenks. , 2018, , 1-12.		0
76	Arthroskopisch gestÃ¼tzte Frakturversorgung. , 2018, , 133-148.		0
77	Arthroscopic Anatomy of the Elbow Joint. , 2020, , 21-27.		0
78	Radius- und Ulnaschaftfrakturen. Springer Reference Medizin, 2020, , 1-14.	0.0	0
79	Akutes Trauma â€“ distale Humerusfraktur â€“ Hemiprothese. , 2021, , 61-69.		0