

Thomas A Schildhauer

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

2,420
citations

304602

22
h-index

214721

47
g-index

96
all docs

96
docs citations

96
times ranked

2045
citing authors

#	ARTICLE	IF	CITATIONS
1	Does the Implementation of the PRO-IMPLANT Foundation Treatment Algorithm Improve the Outcome of Chronic Periprosthetic Knee Infections? Mid-Term Results of a Prospective Study. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2023, 161, 260-270.	0.4	2
2	Tibiocalcaneal arthrodesis using the Ilizarov fixator in compromised hosts: an analysis of 19 patients. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 1359-1366.	1.3	8
3	Iliac Screw Fixation Revisited. <i>Clinical Spine Surgery</i> , 2022, 35, E127-E131.	0.7	4
4	Comparative analysis of clinical outcome and quality of life between amputations and combined bone and flap reconstructions at the lower leg. <i>Disability and Rehabilitation</i> , 2022, 44, 6744-6748.	0.9	2
5	Fecal diversion does not support healing of anus-near pressure ulcers in patients with spinal cord injury—results of a retrospective cohort study. <i>Spinal Cord</i> , 2022, 60, 477-483.	0.9	4
6	Rehabilitation during early postoperative period following total knee arthroplasty using single-joint hybrid assistive limb as new therapy device: a randomized, controlled clinical pilot study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, 142, 3941-3947.	1.3	5
7	Osteology of the ilium revised: illuminating the clinical relevance. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 1671-1677.	0.8	3
8	Incidence, Time Course and Influence on Quality of Life of Intensive Care Unit-Acquired Weakness Symptoms in Long-Term Intensive Care Survivors. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 1313-1322.	1.3	21
9	Facing multidrug-resistant pathogens in periprosthetic joint infections with self-administered outpatient parenteral antimicrobial therapy—A prospective cohort study. <i>Journal of Orthopaedic Research</i> , 2021, 39, 320-332.	1.2	5
10	Accuracy of radiographic measurement techniques for the Taylor spatial frame mounting parameters. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 284.	0.8	7
11	Hierarchical Ceramic Coating Reduces Adherence of Cells, Blood, Bacteria, and Tissue on Titanium Microsurgical Instruments. <i>Journal of Reconstructive Microsurgery</i> , 2021, , .	1.0	0
12	Three-stage revision arthroplasty for the treatment of fungal periprosthetic joint infection: outcome analysis of a novel treatment algorithm. <i>Bone & Joint Open</i> , 2021, 2, 671-678.	1.1	10
13	Fixation Strength of Modified Iliac Screw Trajectory Compared to Traditional Iliac and S2 Alar-Iliac Trajectories: A Cadaveric Study. <i>World Neurosurgery</i> , 2021, 154, e481-e487.	0.7	4
14	Comparison of lumbopelvic fixation and iliosacral screw fixation for the treatment of bilateral sacral fractures. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 604.	0.9	10
15	Persistent Fistula for Treatment of a Failed Periprosthetic Joint Infection: Relic From the Past or a Viable Salvage Procedure?. <i>Journal of Arthroplasty</i> , 2020, 35, 544-549.	1.5	9
16	Enhanced dissolution of silver nanoparticles in a physical mixture with platinum nanoparticles based on the sacrificial anode effect. <i>Nanotechnology</i> , 2020, 31, 055703.	1.3	8
17	Clinical and Radiological Outcomes After Surgical Treatment of Lower Limb Fractures in Patients With Spinal Cord Injury. <i>Global Spine Journal</i> , 2020, 10, 715-719.	1.2	3
18	Similar Adenoma Detection Rates in Colonoscopic Procedures of Patients with Spinal Cord Injury Compared to Controls. <i>Digestive Diseases and Sciences</i> , 2020, 65, 1197-1205.	1.1	1

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19	Functional outcome of traumatic spinopelvic instabilities treated with lumbopelvic fixation. <i>Scientific Reports</i> , 2020, 10, 14878.	1.6	5
20	L'isthme iliaque : définition d'une voie pour la fixation osseuse interne et externe. <i>Revue De Chirurgie Orthopedique Et Traumatologique</i> , 2020, 106, 501.	0.0	0
21	Poor outcome of octogenarians admitted to ICU due to periprosthetic joint infections: a retrospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 304.	0.8	5
22	The iliac pillar – Definition of an osseous fixation pathway for internal and external fixation. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2020, 106, 869-875.	0.9	9
23	Microbial findings and the role of difficult-to-treat pathogens in patients with periprosthetic infection admitted to the intensive care unit. <i>Orthopedic Reviews</i> , 2020, 12, 8867.	0.3	6
24	Conversion From Knee Arthrodesis Back to Arthroplasty: A Particular Challenge in Combination With Fungal Periprosthetic Joint Infection. <i>Arthroplasty Today</i> , 2020, 6, 1038-1044.	0.8	1
25	Glancing-Angle Deposition of Nanostructures on an Implant Material Surface. <i>Nanomaterials</i> , 2019, 9, 60.	1.9	20
26	Necrotizing fasciitis and the midterm outcomes after survival. <i>SAGE Open Medicine</i> , 2019, 7, 205031211984243.	0.7	5
27	Iatrogenic Bowel Injury Following Minimally Invasive Lateral Approach to the Lumbar Spine: A Retrospective Analysis of 3 Cases. <i>Global Spine Journal</i> , 2019, 9, 375-382.	1.2	6
28	Blood Transfusion and Postoperative Infection in Spine Surgery: A Systematic Review. <i>Global Spine Journal</i> , 2018, 8, 198-207.	1.2	20
29	Fractures of the capitellum humeri and their associated injuries. <i>Obere Extremitat</i> , 2018, 13, 33-37.	0.4	11
30	Is the Midterm Progress of Pediatric and Adolescent Talus Fractures Stratified by Age?. <i>Journal of Foot and Ankle Surgery</i> , 2018, 57, 471-477.	0.5	9
31	Acetabular Fractures in Children and Adolescents: Comparison of Isolated Acetabular Fractures and Acetabular Fractures Associated With Pelvic Ring Injuries. <i>Journal of Orthopaedic Trauma</i> , 2018, 32, e39-e45.	0.7	10
32	Antibacterial Efficacy of Sacrificial Anode Thin Films Combining Silver with Platinum Group Elements within a Bacteria-Containing Human Plasma Clot. <i>Advanced Engineering Materials</i> , 2018, 20, 1700493.	1.6	22
33	Comparison of Chronic Dysphagia in Standalone versus Conventional Plate and Cage Fusion. <i>World Neurosurgery</i> , 2018, 109, e382-e388.	0.7	26
34	IN RESPONSE:. <i>Spine</i> , 2018, 43, E1429.	1.0	0
35	Bacterial cell division is involved in the damage of gram-negative bacteria on a nano-pillar titanium surface. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 055002.	0.6	17
36	Does skeletal maturity affect pediatric pelvic injury patterns, associated injuries and treatment intervention?. <i>Injury</i> , 2018, 49, 1562-1567.	0.7	8

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37	Muscle localization of heterotopic ossification following spinal cord injury. <i>Spine Journal</i> , 2017, 17, 1519-1522.	0.6	26
38	Antibacterial activity of microstructured sacrificial anode thin films by combination of silver with platinum group elements (platinum, palladium, iridium). <i>Materials Science and Engineering C</i> , 2017, 74, 536-541.	3.8	24
39	Functional Outcome of Neurologic-Controlled HAL-Exoskeletal Neurorehabilitation in Chronic Spinal Cord Injury: A Pilot With One Year Treatment and Variable Treatment Frequency. <i>Global Spine Journal</i> , 2017, 7, 735-743.	1.2	30
40	Trends in Spinal Surgery for Pott's Disease (2000-2016): An Overview and Bibliometric Study. <i>Global Spine Journal</i> , 2017, 7, 821-828.	1.2	17
41	Complications after operative treatment of femoral shaft fractures in childhood and adolescence. <i>Orthopedic Reviews</i> , 2017, 9, 7493.	0.3	7
42	Treatment of chronic acromioclavicular joint dislocation in a paraplegic patient with the Weaver-Dunn procedure and a hook-plate. <i>Orthopedic Reviews</i> , 2016, 8, 6371.	0.3	1
43	Heterotopic ossification mimicking infection in patients with traumatic spinal cord injury. <i>Technology and Health Care</i> , 2016, 24, 87-91.	0.5	11
44	Pediatric pelvic ring injuries: How benign are they?. <i>Injury</i> , 2016, 47, 2228-2234.	0.7	22
45	3D-Navigation Reduces Radiation Exposure and Operative Time in Lumbopelvic Fixations. <i>Spine Journal</i> , 2016, 16, S300.	0.6	2
46	The Effectiveness and Safety of Exoskeletons as Assistive and Rehabilitation Devices in the Treatment of Neurologic Gait Disorders in Patients with Spinal Cord Injury: A Systematic Review. <i>Global Spine Journal</i> , 2016, 6, 822-841.	1.2	67
47	Patients with thoracic trauma and concomitant spinal cord injury have a markedly decreased mortality rate compared to patients without spinal cord injury. <i>International Orthopaedics</i> , 2016, 40, 155-159.	0.9	1
48	HAL® exoskeleton training improves walking parameters and normalizes cortical excitability in primary somatosensory cortex in spinal cord injury patients. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015, 12, 68.	2.4	94
49	Results and complications of operative and non-operative navicular fracture treatment. <i>Injury</i> , 2015, 46, 1669-1677.	0.7	12
50	Results of 70 consecutive ulnar nightstick fractures. <i>Injury</i> , 2015, 46, 1359-1366.	0.7	22
51	The use of double lumen cannula for veno-venous ECMO in trauma patients with ARDS. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2015, 23, 30.	1.1	20
52	Article Commentary: "Atraumatic Sacral Fracture in Late Pregnancy: A Case Report". <i>Global Spine Journal</i> , 2015, 5, 252-252.	1.2	0
53	Isolated pediatric radial head and neck fractures. A rare injury. Analysis and follow up of 19 patients. <i>Injury</i> , 2015, 46, S10-S16.	0.7	11
54	Antibacterial activity of microstructured Ag/Au sacrificial anode thin films. <i>Materials Science and Engineering C</i> , 2015, 46, 276-280.	3.8	19

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55	Fibrin glue as a protective tool for microanastomoses in limb reconstructive surgery. GMS Interdisciplinary Plastic and Reconstructive Surgery DGPW, 2015, 4, Doc14.	0.1	3
56	Traumatic infra-renal aortic dissection after a high-energy trauma: a case report of a primary missed diagnosis. Orthopedic Reviews, 2014, 6, 5031.	0.3	7
57	Adherence of human mesenchymal stem cells on Ti and TiO2 nano-columnar surfaces fabricated by glancing angle sputter deposition. Applied Surface Science, 2014, 292, 626-631.	3.1	29
58	Structure-related antibacterial activity of a titanium nanostructured surface fabricated by glancing angle sputter deposition. Nanotechnology, 2014, 25, 195101.	1.3	115
59	Effect of silver nanoparticles on human mesenchymal stem cell differentiation. Beilstein Journal of Nanotechnology, 2014, 5, 2058-2069.	1.5	77
60	The Use of Fibrin Glue to Protect Microanastomoses in Limb Reconstructive Surgery. Journal of Reconstructive Microsurgery, 2014, 30, .	1.0	0
61	Management of Sacral Fractures. , 2012, , 2035-2045.		1
62	Sacral fractures. , 2012, , 399-403.		0
63	Sacral Fractures. , 2011, , 1405-1421.		2
64	Surgical Stabilization Options for Fractures and Fracture-Dislocations at the Lumbosacral Junction and for Posterior Pelvic Ring Reconstruction. , 2010, , 321-333.		1
65	Unstable Pediatric Sacral Fracture With Bone Loss Caused by a High-Energy Gunshot Injury. Journal of Trauma, 2007, 63, E95-E99.	2.3	6
66	Fractures and Fracture-Dislocations at the Lumbosacral Junction. Contemporary Spine Surgery, 2006, 7, 1-8.	0.2	0
67	Decompression and Lumbopelvic Fixation for Sacral Fracture-Dislocations With Spino-pelvic Dissociation. Journal of Orthopaedic Trauma, 2006, 20, 447-457.	0.7	241
68	Fractures and Fracture-Dislocations at the Lumbosacral Junction. Contemporary Spine Surgery, 2006, 7, 1-7.	0.2	1
69	Fractures and Fracture-Dislocations At the Lumbosacral Junction. Contemporary Spine Surgery, 2006, 7, 1-5.	0.2	5
70	Descompresi??n y Fijaci??n Lumbo-p??lvica para Luxo-Fractura Sacra con Disociaci??n Espino-P??lvica. Journal of Orthopaedic Trauma, 2006, 20, 520.	0.7	0
71	Complications Associated With Surgical Stabilization of High-Grade Sacral Fracture Dislocations With Spino-Pelvic Instability. Spine, 2006, 31, S80-S88.	1.0	181
72	Multisegmental Open Sacral Fracture Due to Impalement. Journal of Orthopaedic Trauma, 2005, 19, 134-139.	0.7	29

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73	43. Decompression and lumbopelvic fixation for highly displaced sacral fracture-dislocations with neurologic deficits. <i>Spine Journal</i> , 2004, 4, S24.	0.6	1
74	Diagnosis and Management of Sacral Spine Fractures. <i>Journal of Bone and Joint Surgery - Series A</i> , 2004, 86, 166-175.	1.4	59
75	Temporary Bridge Plating of the Medial Column in Severe Midfoot Injuries. <i>Journal of Orthopaedic Trauma</i> , 2003, 17, 513-520.	0.7	72
76	Extensor Mechanism-sparing Paratrigipital Posterior Approach to the Distal Humerus. <i>Journal of Orthopaedic Trauma</i> , 2003, 17, 374-378.	0.7	114
77	Triangular Osteosynthesis and Iliosacral Screw Fixation for Unstable Sacral Fractures: A Cadaveric and Biomechanical Evaluation Under Cyclic Loads. <i>Journal of Orthopaedic Trauma</i> , 2003, 17, 22-31.	0.7	233
78	Circumferential Pelvic Antishock Sheeting: A Temporary Resuscitation Aid. <i>Journal of Orthopaedic Trauma</i> , 2002, 16, 45-48.	0.7	117
79	Push Screw for Indirect Reduction of Severe Joint Depression-Type Calcaneal Fractures. <i>Journal of Orthopaedic Trauma</i> , 2002, 16, 422-424.	0.7	25
80	Anatomic and Radiographic Considerations for Placement of Transiliac Screws in Lumbopelvic Fixations. <i>Journal of Spinal Disorders and Techniques</i> , 2002, 15, 199-205.	1.8	126
81	Treatment of Sacral Fractures with Neurologic Injuries. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2002, 8, 59-78.	0.8	8
82	Use of Bone Morphogenetic Protein-2 in the Rabbit Ulnar Nonunion Model. <i>Clinical Orthopaedics and Related Research</i> , 1996, 327, 272-282.	0.7	196
83	Biomechanical Comparison of Bone Graft Used in Anterior Spinal Reconstruction. <i>Clinical Orthopaedics and Related Research</i> , 1993, &NA;, 131???135.	0.7	11
84	Osteogenesis Imperfecta as a Differential Diagnosis of Pathologic Burst Fractures of the Spine. <i>Clinical Orthopaedics and Related Research</i> , 1993, &NA;, 113???117.	0.7	6
85	Metastatic Malignancy of the Cervical Spine. <i>Spine</i> , 1992, 17, S407-S412.	1.0	47