

Arndt P Schulz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4754524/publications.pdf>

Version: 2024-02-01

85
papers

2,033
citations

361413

20
h-index

265206

42
g-index

113
all docs

113
docs citations

113
times ranked

1880
citing authors

#	ARTICLE	IF	CITATIONS
1	Mid-term results of Autologous Matrix-Induced Chondrogenesis for treatment of focal cartilage defects in the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2010, 18, 1456-1464.	4.2	264
2	Results of total hip replacement using the Robodoc surgical assistant system: clinical outcome and evaluation of complications for 97 procedures. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2007, 3, 301-306.	2.3	142
3	Arthroscopic Supraspinatus Tendon Repair with Suture-Bridging Technique. <i>American Journal of Sports Medicine</i> , 2010, 38, 983-991.	4.2	134
4	Locked vs. unlocked plate osteosynthesis of the proximal humerus – A biomechanical study. <i>Clinical Biomechanics</i> , 2007, 22, 176-182.	1.2	131
5	Mid-term results after operative treatment of rockwood grade III-V Acromioclavicular joint dislocations with an AC-hook-plate. <i>European Journal of Medical Research</i> , 2011, 16, 52.	2.2	114
6	Septic Arthritis of the Knee after Anterior Cruciate Ligament Surgery. <i>American Journal of Sports Medicine</i> , 2007, 35, 1064-1069.	4.2	88
7	Are Polyaxially Locked Screws Advantageous in the Plate Osteosynthesis of Proximal Humeral Fractures in the Elderly? A Prospective Randomized Clinical Observational Study. <i>Journal of Orthopaedic Trauma</i> , 2011, 25, 596-602.	1.4	74
8	Autologous Iliac Bone Graft Compared with Biphasic Hydroxyapatite and Calcium Sulfate Cement for the Treatment of Bone Defects in Tibial Plateau Fractures. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 179-193.	3.0	73
9	Matrix-Associated Autologous Chondrocyte Implantation. <i>Cartilage</i> , 2016, 7, 309-315.	2.7	66
10	Mortality in patients with traumatic spinal cord injury: Descriptive analysis of 62 deceased subjects. <i>Journal of Spinal Cord Medicine</i> , 2011, 34, 482-487.	1.4	61
11	Anterior cruciate ligament reconstruction using bone plug-free quadriceps tendon autograft: intermediate-term clinical outcome after 24–36 months. <i>Open Access Journal of Sports Medicine</i> , 2013, 4, 243.	1.3	46
12	How Does a Varus Deformity of the Humeral Head Affect Elevation Forces and Shoulder Function? A Biomechanical Study With Human Shoulder Specimens. <i>Journal of Orthopaedic Trauma</i> , 2011, 25, 399-405.	1.4	41
13	Early functional results after Hemiarthroplasty for femoral neck fracture: a randomized comparison between a minimal invasive and a conventional approach. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 141.	1.9	34
14	How does knowledge about spinal cord injury-related complications develop in subjects with spinal cord injury? A descriptive analysis in 214 patients. <i>Spinal Cord</i> , 2011, 49, 43-48.	1.9	31
15	Early Weight Bearing of Calcaneal Fractures Treated by Intraoperative 3D-Fluoroscopy and Locked-Screw Plate Fixation. <i>The Open Orthopaedics Journal</i> , 2009, 3, 69-74.	0.2	31
16	Hook plate for medial clavicle fracture. <i>Indian Journal of Orthopaedics</i> , 2010, 44, 221.	1.1	27
17	Is non-union of tibial shaft fractures due to nonculturable bacterial pathogens? A clinical investigation using PCR and culture techniques. <i>Journal of Orthopaedic Surgery and Research</i> , 2012, 7, 20.	2.3	27
18	Biomechanical analysis of a synthetic femur spiral fracture model: Influence of different materials on the stiffness in flexible intramedullary nailing. <i>Clinical Biomechanics</i> , 2011, 26, 592-597.	1.2	26

#	ARTICLE	IF	CITATIONS
19	Arthroscopic Treatment of Multidirectional Glenohumeral Instability in Young Overhead Athletes. The Open Orthopaedics Journal, 2009, 3, 107-114.	0.2	24
20	Treatment of posttraumatic sternal non-union with a locked sternum-osteosynthesis plate (TiFix). Injury, 2011, 42, 44-46.	1.7	20
21	Biomechanical analysis of a synthetic femoral spiral fracture model: Do end caps improve retrograde flexible intramedullary nail fixation?. Journal of Orthopaedic Surgery and Research, 2011, 6, 46.	2.3	20
22	Modified direct anterior approach in minimally invasive hip hemiarthroplasty in a geriatric population: a feasibility study and description of the technique. Archives of Orthopaedic and Trauma Surgery, 2013, 133, 1509-1516.	2.4	20
23	In-vitro evaluation of surgical helmet systems for protecting surgeons from droplets generated during orthopaedic procedures. Journal of Hospital Infection, 2016, 94, 75-79.	2.9	20
24	One-Screw Fixation Provides Similar Stability to That of Two-Screw Fixation for Type II Dens Fractures. Clinical Orthopaedics and Related Research, 2012, 470, 2021-2028.	1.5	19
25	An economic analysis of aseptic revision hip arthroplasty: Calculation of partial hospital costs in relation to reimbursement. Archives of Orthopaedic and Trauma Surgery, 2014, 134, 413-420.	2.4	17
26	Optimising the tip-apex-distance in trochanteric femoral fracture fixation using the ADAPT-navigated technique, a longitudinal matched cohort study. Injury, 2019, 50, 744-751.	1.7	17
27	Biodegradable Films in Trauma and Orthopedic Surgery. European Journal of Trauma and Emergency Surgery, 2006, 32, 160-171.	0.3	16
28	Evidence Based Development of a Novel Lateral Fibula Plate (VariAx Fibula) Using a Real CT Bone Data Based Optimization Process During Device Development. The Open Orthopaedics Journal, 2012, 6, 1-7.	0.2	15
29	Medium-term results after total clavicle resection in cases of osteitis: a consecutive case series of five patients. International Orthopaedics, 2012, 36, 775-781.	1.9	15
30	Patterned CoCrMo and Al ₂ O ₃ surfaces for reduced free wear debris in artificial joint arthroplasty. Journal of Biomedical Materials Research - Part A, 2013, 101, 3447-3456.	4.0	15
31	Acoustic monitoring (RFM) of total hip arthroplasty results of a cadaver study. European Journal of Medical Research, 2009, 14, 264.	2.2	14
32	Traumatic Rupture of the Distal Triceps Tendon (A Series of 7 Cases). The Open Orthopaedics Journal, 2015, 9, 536-541.	0.2	14
33	Robotic systems in total hip arthroplasty "is the time ripe for a new approach?. International Journal of Medical Robotics and Computer Assisted Surgery, 2005, 1, 8-19.	2.3	13
34	Reliability and cost-effectiveness of complete lymph node dissection under tumescent local anaesthesia vs. general anaesthesia: a retrospective analysis in patients with malignant melanoma AJCC stage III. Journal of the European Academy of Dermatology and Venereology, 2012, 26, 200-206.	2.4	13
35	Is the Wave Plate Still a Salvage Procedure for Femoral Non-union? Results of 75 Cases Treated with a Locked Wave Plate. European Journal of Trauma and Emergency Surgery, 2009, 35, 127-131.	1.7	12
36	Clinical results of resection arthrodesis by triangular external fixation for posttraumatic arthrosis of the ankle joint in 89 cases. European Journal of Medical Research, 2009, 14, 25.	2.2	11

#	ARTICLE	IF	CITATIONS
37	Posttraumatic severe infection of the ankle joint - long term results of the treatment with resection arthrodesis in 133 cases. <i>European Journal of Medical Research</i> , 2010, 15, 54.	2.2	11
38	Marginal contribution of UKS- versus TKA in varus arthritis of the knee. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012, 132, 1165-1172.	2.4	11
39	Threshold Currents of Platinum Electrodes used for Functional Electrical Stimulation of the Phrenic Nerves for Treatment of Central Apnea. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013, 36, 714-718.	1.2	11
40	Functional outcome of septic arthritis after anterior cruciate ligament surgery. <i>International Orthopaedics</i> , 2015, 39, 1195-1201.	1.9	11
41	Quality of life of persons with transfemoral amputation: Comparison of socket prostheses and osseointegrated prostheses. <i>Prosthetics and Orthotics International</i> , 2021, 45, 20-25.	1.0	11
42	Severe Fracture of the Tibial Pilon: Results with a Multidirectional Self-locking Osteosynthesis Plate Utilizing a Two-stage Procedure. <i>European Journal of Trauma and Emergency Surgery</i> , 2008, 34, 391-396.	1.7	10
43	Improved Therapy of Calcaneal Fractures by Intraoperative 3D-Fluoroscopy and Locked-Screw Plate Fixation. <i>European Journal of Trauma and Emergency Surgery</i> , 2006, 32, 471-476.	0.3	9
44	Biomechanical testing of a new plate system for the distal humerus compared to two well-established implants. <i>International Orthopaedics</i> , 2013, 37, 667-672.	1.9	9
45	Intramedullary nailing for metacarpal 2-5 fractures. <i>Journal of Pediatric Orthopaedics Part B</i> , 2009, 18, 296-301.	0.6	8
46	Bone plates for osteosynthesis – a systematic review of test methods and parameters for biomechanical testing. <i>Biomedizinische Technik</i> , 2017, 62, 235-243.	0.8	8
47	Initial Results of the S3-Humerus Plate. <i>The Open Orthopaedics Journal</i> , 2008, 2, 133-136.	0.2	8
48	Long-Term Survival and Causes of Death in Patients below the Age of 60 with Traumatic Spinal Cord Injury in Germany. <i>Journal of Clinical Medicine</i> , 2022, 11, 26.	2.4	8
49	Operative Treatment and Soft Tissue Management of Open Distal Tibial Fractures – Pitfalls and Results. <i>European Journal of Trauma and Emergency Surgery</i> , 2009, 35, 527-531.	1.7	7
50	Refixation of osteochondral fractures by ultrasound-activated, resorbable pins. <i>Bone and Joint Research</i> , 2013, 2, 26-32.	3.6	7
51	Importance of work-life balance among German medical students who wish to become gynecologists. <i>Archives of Gynecology and Obstetrics</i> , 2015, 291, 239-239.	1.7	7
52	Complications during removal of conventional versus locked compression plates: is there a difference?. <i>International Orthopaedics</i> , 2017, 41, 1513-1519.	1.9	7
53	Polyaxial Locked Implants in the Treatment of Type Vancouver B1 Periprosthetic Fractures of the Femur: Retrospective Clinical Examination in 58 Cases with Review of the Literature. <i>European Journal of Trauma and Emergency Surgery</i> , 2010, 36, 53-59.	1.7	6
54	Biomechanical testing of a novel osteosynthesis plate for the ulnar coronoid process. <i>Shoulder and Elbow</i> , 2014, 6, 191-199.	1.5	6

#	ARTICLE	IF	CITATIONS
55	Bone plate-screw constructs for osteosynthesis â€” recommendations for standardized mechanical torsion and bending tests. <i>Biomedizinische Technik</i> , 2018, 63, 719-727.	0.8	6
56	Sternal non-unionâ€™ development of a novel fixation device. <i>Injury Extra</i> , 2005, 36, 569-572.	0.2	5
57	Treatment of Distal Lower Leg Fractures: Results with Fixed-Angle Plate Osteosynthesis. <i>European Journal of Trauma and Emergency Surgery</i> , 2009, 35, 513-519.	1.7	5
58	Biopolymer augmentation of the lag screw in the treatment of femoral neck fractures - a biomechanical in-vitro study. <i>European Journal of Medical Research</i> , 2010, 15, 174.	2.2	5
59	Parameters for positive outcome of the in-hospital rehabilitation of spinal cord lesion patients: the Boberg Quality Score. <i>Spinal Cord</i> , 2010, 48, 537-541.	1.9	5
60	Midterm Results of 58 Fractures of the Coronoid Process of the Ulna and their Concomitant Injuries. <i>The Open Orthopaedics Journal</i> , 2013, 7, 86-93.	0.2	5
61	Ultrasonically Assisted Anchoring of Biodegradable Implants for Chevron Osteotomies â€” Clinical Evaluation of a Novel Fixation Method. <i>The Open Orthopaedics Journal</i> , 2014, 8, 85-92.	0.2	5
62	Protein Expression of AEBP1, MCM4, and FABP4 Differentiate Osteogenic, Adipogenic, and Mesenchymal Stromal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2568.	4.1	5
63	Totally Robotic Technique in Multivessel Coronary Disease â€” Is it Possible?. <i>Asian Cardiovascular and Thoracic Annals</i> , 2002, 10, 92-94.	0.5	4
64	Sources of information influencing decision-making in orthopaedic surgery - an international online survey of 1147 orthopaedic surgeons. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 96.	1.9	4
65	Physical evaluation of a new technique for X-ray dose reduction: Measurement of signal-to-noise ratio and modulation transfer function in an animal model. <i>Physica Medica</i> , 2007, 23, 33-40.	0.7	3
66	Unstable Cervical Spinal Injury in Children â€” Case Report and Review of the Literature. <i>European Journal of Trauma and Emergency Surgery</i> , 2008, 34, 515-521.	1.7	3
67	Die Lapidus Arthrodesse zur Korrektur des Hallux valgus. <i>Fuss Und Sprunggelenk</i> , 2009, 7, 164-172.	0.0	3
68	Validating a transnational fracture treatment registry using a standardized method. <i>BMC Medical Research Methodology</i> , 2019, 19, 241.	3.1	3
69	Cardial gunshot injury: treatment in a trauma hospital without a cardiac unit. <i>European Journal of Emergency Medicine</i> , 2006, 13, 238-241.	1.1	2
70	A Physiological Dynamic Testing Machine for the Elbow Joint. <i>The Open Orthopaedics Journal</i> , 2013, 7, 78-85.	0.2	2
71	Surgical therapy of extensive knee joint empyema: mid-term results after two-stage versus one-stage procedures. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 3150-3156.	4.2	2
72	Wear-reducing Surface Functionalization of Implant Materials Using Ultrashort Laser Pulses. <i>Physics Procedia</i> , 2015, 78, 320-327.	1.2	2

#	ARTICLE	IF	CITATIONS
73	Biomechanical evaluation of novel ultrasound-activated bioresorbable pins for the treatment of osteochondral fractures compared to established methods. <i>Biomedizinische Technik</i> , 2017, 62, 365-373.	0.8	2
74	Study of the tribological properties of surface structures using ultrashort laser pulses to reduce wear in endoprosthetics. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 205.	2.3	2
75	Evidence-Based Examination Techniques for the Shoulder Joint. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2021, 159, 332-335.	0.7	2
76	Determination of optimal non-invasive patient fixation methods for use in robotic hip replacement surgery – an in vitro study. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2007, 3, 135-139.	2.3	1
77	Osteitis and Septic Arthritis after Tibial Head Fracture: Results of a Radical Treatment Regime. <i>European Journal of Trauma and Emergency Surgery</i> , 2007, 33, 626-634.	1.7	1
78	Evaluation of local alterations in femoral bone mineral density measured via quantitative CT. <i>Current Directions in Biomedical Engineering</i> , 2015, 1, 327-330.	0.4	1
79	Osteosynthesis-screw augmentation by ultrasound-activated biopolymer - an ovine in vivo study assessing biocompatibility and bone-to-implant contact. <i>Journal of Orthopaedic Surgery and Research</i> , 2015, 10, 18.	2.3	1
80	Lag-Screw Osteosynthesis in Thoracolumbar Pincer Fractures. <i>Global Spine Journal</i> , 2020, 11, 219256822094144.	2.3	1
81	Checklist Focused on Patients for Making of Teaching Videos in Orthopedic Surgery. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2021, 159, 430-437.	0.7	1
82	Riddle of a Bullet: Transmediastinal or Unilateral Chest Injury?. <i>European Journal of Trauma and Emergency Surgery</i> , 2006, 32, 194-197.	0.3	0
83	Subjective evaluation of a novel method of dose reduction by optical re-exposure of conventional radiographs – A multi-observer region of interest evaluation in an animal model. <i>Physica Medica</i> , 2008, 24, 182-186.	0.7	0
84	Stabilisierung der Chevron-Osteotomie mit resorbierbaren, durch Ultraschall aktivierbaren Implantaten – Langzeitergebnisse einer neuen Fixationstechnik. <i>Fuss Und Sprunggelenk</i> , 2015, 13, 162-172.	0.0	0
85	Re: Web Initiative for Surgical Education of Medical Doctors usage among millennial medical students. <i>American Journal of Surgery</i> , 2015, 210, 600-601.	1.8	0