

Arndt P Schulz

List of Publications by Year in descending order

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85
papers

2,033
citations

361413

20
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265206

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113
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113
docs citations

113
times ranked

1880
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Evidence-Based Examination Techniques for the Shoulder Joint. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2021, 159, 332-335.	0.7	2
5	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
6	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
7	Lag-Screw Osteosynthesis in Thoracolumbar Pincer Fractures. <i>Global Spine Journal</i> , 2020, 11, 219256822094144.	2.3	1
8	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
9	Optimising the tip-apex-distance in trochanteric femoral fracture fixation using the ADAPT-navigated technique, a longitudinal matched cohort study. <i>Injury</i> , 2019, 50, 744-751.	1.7	17
10	Validating a transnational fracture treatment registry using a standardized method. <i>BMC Medical Research Methodology</i> , 2019, 19, 241.	3.1	3
11	Bone plate-screw constructs for osteosynthesis – recommendations for standardized mechanical torsion and bending tests. <i>Biomedizinische Technik</i> , 2018, 63, 719-727.	0.8	6
12	Complications during removal of conventional versus locked compression plates: is there a difference?. <i>International Orthopaedics</i> , 2017, 41, 1513-1519.	1.9	7
13	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
14	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
15	In-vitro evaluation of surgical helmet systems for protecting surgeons from droplets generated during orthopaedic procedures. <i>Journal of Hospital Infection</i> , 2016, 94, 75-79.	2.9	20
16	Matrix-Associated Autologous Chondrocyte Implantation. <i>Cartilage</i> , 2016, 7, 309-315.	2.7	66
17	Wear-reducing Surface Functionalization of Implant Materials Using Ultrashort Laser Pulses. <i>Physics Procedia</i> , 2015, 78, 320-327.	1.2	2
18	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

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19	Stabilisierung der Chevron-Osteotomie mit resorbierbaren, durch Ultraschall aktivierbaren Implantaten – Langzeitergebnisse einer neuen Fixationstechnik. Fuss Und Sprunggelenk, 2015, 13, 162-172.	0.0	0
20	Importance of work-life balance among German medical students who wish to become gynecologists. Archives of Gynecology and Obstetrics, 2015, 291, 239-239.	1.7	7
21	Functional outcome of septic arthritis after anterior cruciate ligament surgery. International Orthopaedics, 2015, 39, 1195-1201.	1.9	11
22	Re: Web Initiative for Surgical Education of Medical Doctors usage among millennial medical students. American Journal of Surgery, 2015, 210, 600-601.	1.8	0
23	Osteosynthesis-screw augmentation by ultrasound-activated biopolymer - an ovine in vivo study assessing biocompatibility and bone-to-implant contact. Journal of Orthopaedic Surgery and Research, 2015, 10, 18.	2.3	1
24	Traumatic Rupture of the Distal Triceps Tendon (A Series of 7 Cases). The Open Orthopaedics Journal, 2015, 9, 536-541.	0.2	14
25	Biomechanical testing of a novel osteosynthesis plate for the ulnar coronoid process. Shoulder and Elbow, 2014, 6, 191-199.	1.5	6
26	Surgical therapy of extensive knee joint empyema: mid-term results after two-stage versus one-stage procedures. Knee Surgery, Sports Traumatology, Arthroscopy, 2014, 22, 3150-3156.	4.2	2
27	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
28	Ultrasonically Assisted Anchoring of Biodegradable Implants for Chevron Osteotomies – Clinical Evaluation of a Novel Fixation Method. The Open Orthopaedics Journal, 2014, 8, 85-92.	0.2	5
29	Sources of information influencing decision-making in orthopaedic surgery - an international online survey of 1147 orthopaedic surgeons. BMC Musculoskeletal Disorders, 2013, 14, 96.	1.9	4
30	Biomechanical testing of a new plate system for the distal humerus compared to two well-established implants. International Orthopaedics, 2013, 37, 667-672.	1.9	9
31	Threshold Currents of Platinum Electrodes used for Functional Electrical Stimulation of the Phrenic Nerves for Treatment of Central Apnea. PACE - Pacing and Clinical Electrophysiology, 2013, 36, 714-718.	1.2	11
32	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
33	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
34	Refixation of osteochondral fractures by ultrasound-activated, resorbable pins. Bone and Joint Research, 2013, 2, 26-32.	3.6	7
35	Anterior cruciate ligament reconstruction using bone plug-free quadriceps tendon autograft: intermediate-term clinical outcome after 24–36 months. Open Access Journal of Sports Medicine, 2013, 4, 243.	1.3	46
36	A Physiological Dynamic Testing Machine for the Elbow Joint. The Open Orthopaedics Journal, 2013, 7, 78-85.	0.2	2

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37	Midterm Results of 58 Fractures of the Coronoid Process of the Ulna and their Concomitant Injuries. The Open Orthopaedics Journal, 2013, 7, 86-93.	0.2	5
38	Early functional results after Hemiarthroplasty for femoral neck fracture: a randomized comparison between a minimal invasive and a conventional approach. BMC Musculoskeletal Disorders, 2012, 13, 141.	1.9	34
39	Is non-union of tibial shaft fractures due to nonculturable bacterial pathogens? A clinical investigation using PCR and culture techniques. Journal of Orthopaedic Surgery and Research, 2012, 7, 20.	2.3	27
40	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
41	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
42	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
43	Marginal contribution of UKS- versus TKA in varus arthritis of the knee. Archives of Orthopaedic and Trauma Surgery, 2012, 132, 1165-1172.	2.4	11
44	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
45	Biomechanical analysis of a synthetic femur spiral fracture model: Influence of different materials on the stiffness in flexible intramedullary nailing. Clinical Biomechanics, 2011, 26, 592-597.	1.2	26
46	How Does a Varus Deformity of the Humeral Head Affect Elevation Forces and Shoulder Function? A Biomechanical Study With Human Shoulder Specimens. Journal of Orthopaedic Trauma, 2011, 25, 399-405.	1.4	41
47	Are Polyaxially Locked Screws Advantageous in the Plate Osteosynthesis of Proximal Humeral Fractures in the Elderly? A Prospective Randomized Clinical Observational Study. Journal of Orthopaedic Trauma, 2011, 25, 596-602.	1.4	74
48	Mid-term results after operative treatment of rockwood grade III-V Acromioclavicular joint dislocations with an AC-hook-plate. European Journal of Medical Research, 2011, 16, 52.	2.2	114
49	How does knowledge about spinal cord injury-related complications develop in subjects with spinal cord injury? A descriptive analysis in 214 patients. Spinal Cord, 2011, 49, 43-48.	1.9	31
50	Treatment of posttraumatic sternal non-union with a locked sternum-osteosynthesis plate (TiFix). Injury, 2011, 42, 44-46.	1.7	20
51	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
52	Mortality in patients with traumatic spinal cord injury: Descriptive analysis of 62 deceased subjects. Journal of Spinal Cord Medicine, 2011, 34, 482-487.	1.4	61
53	Posttraumatic severe infection of the ankle joint - long term results of the treatment with resection arthrodesis in 133 cases. European Journal of Medical Research, 2010, 15, 54.	2.2	11
54	Biopolymer augmentation of the lag screw in the treatment of femoral neck fractures - a biomechanical in-vitro study. European Journal of Medical Research, 2010, 15, 174.	2.2	5

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55	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
56	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
57	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
58	Hook plate for medial clavicle fracture. <i>Indian Journal of Orthopaedics</i> , 2010, 44, 221.	1.1	27
59	Arthroscopic Supraspinatus Tendon Repair with Suture-Bridging Technique. <i>American Journal of Sports Medicine</i> , 2010, 38, 983-991.	4.2	134
60	Die Lapidus Arthrodesis zur Korrektur des Hallux valgus. <i>Fuss Und Sprunggelenk</i> , 2009, 7, 164-172.	0.0	3
61	Is the Wave Plate Still a Salvage Procedure for Femoral Non-union? Results of 75 Cases Treated with a Locked Wave Plate. <i>European Journal of Trauma and Emergency Surgery</i> , 2009, 35, 127-131.	1.7	12
62	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
63	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
64	Intramedullary nailing for metacarpal 2-5 fractures. <i>Journal of Pediatric Orthopaedics Part B</i> , 2009, 18, 296-301.	0.6	8
65	Clinical results of resection arthrodesis by triangular external fixation for posttraumatic arthrosis of the ankle joint in 89 cases. <i>European Journal of Medical Research</i> , 2009, 14, 25.	2.2	11
66	Acoustic monitoring (RFM) of total hip arthroplasty results of a cadaver study. <i>European Journal of Medical Research</i> , 2009, 14, 264.	2.2	14
67	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
68	Arthroscopic Treatment of Multidirectional Glenohumeral Instability in Young Overhead Athletes. <i>The Open Orthopaedics Journal</i> , 2009, 3, 107-114.	0.2	24
69	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
70	Unstable Cervical Spinal Injury in Children – Case Report and Review of the Literature. <i>European Journal of Trauma and Emergency Surgery</i> , 2008, 34, 515-521.	1.7	3
71	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
72	Initial Results of the S3-Humerus Plate. <i>The Open Orthopaedics Journal</i> , 2008, 2, 133-136.	0.2	8

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73	Septic Arthritis of the Knee after Anterior Cruciate Ligament Surgery. American Journal of Sports Medicine, 2007, 35, 1064-1069.	4.2	88
74	Locked vs. unlocked plate osteosynthesis of the proximal humerus – A biomechanical study. Clinical Biomechanics, 2007, 22, 176-182.	1.2	131
75	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. Physica Medica, 2007, 23, 33-40.	0.7	3
76	Determination of optimal non-invasive patient fixation methods for use in robotic hip replacement surgery – an in vitro study. International Journal of Medical Robotics and Computer Assisted Surgery, 2007, 3, 135-139.	2.3	1
77	Results of total hip replacement using the Robodoc surgical assistant system: clinical outcome and evaluation of complications for 97 procedures. International Journal of Medical Robotics and Computer Assisted Surgery, 2007, 3, 301-306.	2.3	142
78	Osteitis and Septic Arthritis after Tibial Head Fracture: Results of a Radical Treatment Regime. European Journal of Trauma and Emergency Surgery, 2007, 33, 626-634.	1.7	1
79	Cardial gunshot injury: treatment in a trauma hospital without a cardiac unit. European Journal of Emergency Medicine, 2006, 13, 238-241.	1.1	2
80	Improved Therapy of Calcaneal Fractures by Intraoperative 3D-Fluoroscopy and Locked-Screw Plate Fixation. European Journal of Trauma and Emergency Surgery, 2006, 32, 471-476.	0.3	9
81	Biodegradable Films in Trauma and Orthopedic Surgery. European Journal of Trauma and Emergency Surgery, 2006, 32, 160-171.	0.3	16
82	Riddle of a Bullet: Transmediastinal or Unilateral Chest Injury?. European Journal of Trauma and Emergency Surgery, 2006, 32, 194-197.	0.3	0
83	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
84	Sternal non-union – development of a novel fixation device. Injury Extra, 2005, 36, 569-572.	0.2	5
85	Totally Robotic Technique in Multivessel Coronary Disease – Is it Possible?. Asian Cardiovascular and Thoracic Annals, 2002, 10, 92-94.	0.5	4