

Philip Peter Roessler

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

741
citations

623734

14
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552781

26
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58
all docs

58
docs citations

58
times ranked

1203
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospun PLLA Nanofiber Scaffolds and Their Use in Combination with BMP-2 for Reconstruction of Bone Defects. <i>PLoS ONE</i> , 2011, 6, e25462.	2.5	120
2	The anterolateral ligament (ALL) and its role in rotational extra-articular stability of the knee joint: a review of anatomy and surgical concepts. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2016, 136, 305-313.	2.4	60
3	Midterm follow-up after implantation of a polyurethane meniscal scaffold for segmental medial meniscus loss: maintenance of good clinical and MRI outcome. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2016, 24, 1478-1484.	4.2	58
4	Improvement in outcomes after implantation of a novel polyurethane meniscal scaffold for the treatment of medial meniscus deficiency. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 1929-1935.	4.2	47
5	Short-term follow up after implantation of a cell-free collagen type I matrix for the treatment of large cartilage defects of the knee. <i>International Orthopaedics</i> , 2015, 39, 2473-2479.	1.9	41
6	Use of cell-free collagen type I matrix implants for the treatment of small cartilage defects in the knee: clinical and magnetic resonance imaging evaluation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 1270-1276.	4.2	33
7	Penetration of topical diclofenac sodium 4% spray gel into the synovial tissue and synovial fluid of the knee: a randomised clinical trial. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 345-350.	4.2	29
8	Coating with a novel gentamicinpalmitate formulation prevents implant-associated osteomyelitis induced by methicillin-susceptible <i>Staphylococcus aureus</i> in a rat model. <i>International Orthopaedics</i> , 2015, 39, 981-988.	1.9	27
9	Influence of smoking on spinal fusion after spondylodesis surgery: A comparative clinical study. <i>Technology and Health Care</i> , 2016, 24, 737-744.	1.2	27
10	Back to Sports After Arthroscopic Revision Bankart Repair. <i>Orthopaedic Journal of Sports Medicine</i> , 2018, 6, 232596711875545.	1.7	21
11	Mid-term results after implantation of rotating-hinge knee prostheses: primary versus revision. <i>Orthopedic Reviews</i> , 2012, 4, e35.	1.3	20
12	Patellofemoral osteoarthritis after Insall's proximal realignment for recurrent patellar dislocation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 2623-2628.	4.2	19
13	Anatomic dissection of the anterolateral ligament (ALL) in paired fresh-frozen cadaveric knee joints. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2017, 137, 249-255.	2.4	19
14	Functionalisation of PLLA nanofiber scaffolds using a possible cooperative effect between collagen type I and BMP-2: impact on colonization and bone formation in vivo. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2227-2233.	3.6	18
15	When does intraoperative 3D-imaging play a role in transpedicular C2 screw placement?. <i>Injury</i> , 2017, 48, 2522-2528.	1.7	14
16	The augment-and-modular-cage revision system for reconstruction of severe acetabular defects—two-year clinical and radiographic results. <i>International Orthopaedics</i> , 2019, 43, 2269-2278.	1.9	14
17	Two-year clinical results of patients with sacroiliac joint syndrome treated by arthrodesis using a triangular implant system. <i>Technology and Health Care</i> , 2017, 25, 319-325.	1.2	13
18	Predictors for secondary patellar resurfacing after primary total knee arthroplasty using a "patella-friendly" total knee arthroplasty system. <i>International Orthopaedics</i> , 2019, 43, 611-617.	1.9	11

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19	Influence of cyclical mechanical loading on osteogenic markers in an osteoblast-fibroblast co-culture in vitro: tendon-to-bone interface in anterior cruciate ligament reconstruction. <i>International Orthopaedics</i> , 2014, 38, 1083-1089.	1.9	10
20	Temperature distribution during radiofrequency ablation of spinal metastases in a human cadaver model: Comparison of three electrodes. <i>Technology and Health Care</i> , 2016, 24, 647-653.	1.2	10
21	The Role of Osteotomy in Chronic Valgus Instability and Hyperextension Valgus Thrust (Medial) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Clinics in Sports Medicine</i> , 2019, 38, 435-449.	1.8	9
22	Systemic antibiotic therapy does not significantly improve outcome in a rat model of implant-associated osteomyelitis induced by Methicillin susceptible <i>Staphylococcus aureus</i> . <i>Archives of Orthopaedic and Trauma Surgery</i> , 2016, 136, 585-592.	2.4	8
23	Research productivity during orthopedic surgery residency correlates with pre-planned and protected research time: a survey of German-speaking countries. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 292-299.	4.2	8
24	Arthroprosthetic cobaltism and pseudotumour also occur in patients with small diameter femoral ball head metal-on-metal total hip arthroplasties. <i>BMJ Case Reports</i> , 2014, 2014, bcr2013203362-bcr2013203362.	0.5	8
25	Femoral defects in revision hip arthroplasty: a therapy-oriented classification. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, , 1.	2.4	8
26	Chondrosarcoma of the tibial head during pregnancy: a challenging diagnosis. <i>BMJ Case Reports</i> , 2014, 2014, bcr2014205210-bcr2014205210.	0.5	6
27	Medial patellofemoral ligament reconstruction fails to correct mild patella alta in cases of patellofemoral instability—a case-control study. <i>International Orthopaedics</i> , 2019, 43, 2071-2075.	1.9	6
28	The Medial structures of the knee have a significant contribution to posteromedial rotational laxity control in the PCL-deficient knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 4172-4181.	4.2	6
29	Long-term cost-effectiveness of matrix-associated chondrocyte implantation in the German health care system: a discrete event simulation. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2023, 143, 1417-1427.	2.4	6
30	Germany has a high demand in meniscal allograft transplantation but is subject to health economic and legal challenges: a survey of the German Knee Society. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 2352-2357.	4.2	5
31	Extracorporeal shock wave therapy for non-calcific supraspinatus tendinitis — 10-year follow-up of a randomized placebo-controlled trial. <i>Biomedizinische Technik</i> , 2014, 59, 431-7.	0.8	4
32	Rotator cuff muscular integrity after arthroscopic revision of a Bankart repair. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 155-163.	2.4	4
33	Mid-term outcomes after radiofrequency-targeted vertebral augmentation in the treatment of myeloma associated vertebral fractures. <i>Technology and Health Care</i> , 2016, 24, 745-751.	1.2	3
34	Relative radiographic bone density measurement in revision hip arthroplasty and its correlation with qualitative subjective assessment by experienced surgeons. <i>Technology and Health Care</i> , 2019, 27, 79-88.	1.2	3
35	No Difference in Ligamentous Strain or Knee Kinematics Between Rectangular or Cylindrical Femoral Tunnels During Anatomic ACL Reconstruction With a Bone Patellar Tendon Bone Graft. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110095.	1.7	3
36	Clinical efficacy and safety of a new flexible interbody spacer system. <i>Technology and Health Care</i> , 2016, 24, 713-720.	1.2	2

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37	A novel PLIF PEEK interbody cage with an impactionless insertion technology: A case series with a mid-term follow up of three years. <i>Technology and Health Care</i> , 2017, 25, 949-957.	1.2	2
38	Heterotopic Ossification –“ Complication or Chance?. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2019, 157, 301-307.	0.7	2
39	Cartilage Regeneration with Cell-free Type 1 Collagen Matrix –“ Past, Present and Future (Part 1 –“) <i>Tj ETQq1 1 0,784314 rgBT /Over</i>	0.7	2
40	Suture Tape Reduces Quadriceps Tendon Repair Gap Formation Compared With High-Strength Suture: A Cadaveric Biomechanical Analysis. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 2260-2267.	2.7	2
41	Comment on Roessler et al.: Short-term follow up after implantation of a cell-free collagen type I matrix for the treatment of large cartilage defects of the knee. <i>International Orthopaedics</i> , 2016, 40, 645-646.	1.9	1
42	Interaction of radiation therapy and radiofrequency kyphoplasty in the treatment of myeloma patients. <i>Technology and Health Care</i> , 2017, 25, 567-575.	1.2	1
43	Influence of radiofrequency kyphoplasty on pulmonary function. <i>Technology and Health Care</i> , 2017, 25, 761-769.	1.2	1
44	Low vitamin D levels affect outcomes of orthopedic spinal surgery: An observational study in clinical practice. <i>Technology and Health Care</i> , 2018, 26, 305-317.	1.2	1
45	Three-dimensional thoracoscopic vertebral body replacement at the thoracolumbar junction. <i>Operative Orthopadie Und Traumatologie</i> , 2018, 30, 369-378.	2.2	1
46	Influence of the posterior cruciate ligament on kinematics of the knee during experimentally simulated clinical tests and activities of daily living. <i>Journal of Biomechanics</i> , 2021, 115, 110133.	2.1	1
47	The Vertect Jack Device: A new method for augmentation of vertebral fractures. Clinical study with comparisons to kyphoplasty. <i>Technology and Health Care</i> , 2017, 25, 739-747.	1.2	0
48	Who profits from three-dimensional optics in endoscopic surgery? Analysis of manual tasks under two-dimensional/three-dimensional optic vision using a pelvic trainer model. <i>Journal of Minimal Access Surgery</i> , 2019, 15, 124.	0.7	0
49	Cartilage Regeneration with a Cell-free Collagen Type 1 Matrix (Part 2 –“ Experimental Aspects). <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2021, 159, 617-623.	0.7	0