

Markus Rupp

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

1,248
citations

567144

15
h-index

454834

30
g-index

85
all docs

85
docs citations

85
times ranked

1003
citing authors

#	ARTICLE	IF	CITATIONS
1	Diaphyseal long bone nonunions – types, aetiology, economics, and treatment recommendations. <i>International Orthopaedics</i> , 2018, 42, 247-258.	0.9	146
2	Projections of Primary TKA and THA in Germany From 2016 Through 2040. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 1622-1633.	0.7	110
3	Strontium and bisphosphonate coated iron foam scaffolds for osteoporotic fracture defect healing. <i>Biomaterials</i> , 2018, 157, 1-16.	5.7	75
4	The incidence of fractures among the adult population of Germany. <i>Deutsches Arzteblatt International</i> , 2021, , .	0.6	67
5	Prevention of infection in open fractures: Where are the pendulums now?. <i>Injury</i> , 2020, 51, S57-S63.	0.7	53
6	Diacylglycerol regulates acute hypoxic pulmonary vasoconstriction via TRPC6. <i>Respiratory Research</i> , 2011, 12, 20.	1.4	51
7	Long-term patient-related quality of life after fracture-related infections of the long bones. <i>Bone and Joint Research</i> , 2021, 10, 321-327.	1.3	40
8	Heme Oxygenase-2 and Large-Conductance Ca ²⁺ -activated K ⁺ Channels. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 353-364.	2.5	37
9	The epidemiology of fracture-related infections in Germany. <i>Scientific Reports</i> , 2021, 11, 10443.	1.6	34
10	Long-Term Patient-Related Quality of Life after Knee Periprosthetic Joint Infection. <i>Journal of Clinical Medicine</i> , 2021, 10, 907.	1.0	31
11	Predatory journals: a major threat in orthopaedic research. <i>International Orthopaedics</i> , 2019, 43, 509-517.	0.9	27
12	Is There a Difference in Microbiological Epidemiology and Effective Empiric Antimicrobial Therapy Comparing Fracture-Related Infection and Periprosthetic Joint Infection? A Retrospective Comparative Study. <i>Antibiotics</i> , 2021, 10, 921.	1.5	23
13	The clinical use of bone graft substitutes in orthopedic surgery in Germany – A 10-year survey from 2008 to 2018 of 1,090,167 surgical interventions. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 350-357.	1.6	22
14	Terminology of bone and joint infection. <i>Bone and Joint Research</i> , 2021, 10, 742-743.	1.3	18
15	Locking design affects the jamming of screws in locking plates. <i>Injury</i> , 2018, 49, S61-S65.	0.7	17
16	Surgical enhancement of fracture healing – operative vs. nonoperative treatment. <i>Injury</i> , 2021, 52, S12-S17.	0.7	17
17	What is the burden of osteomyelitis in Germany? An analysis of inpatient data from 2008 through 2018. <i>BMC Infectious Diseases</i> , 2021, 21, 550.	1.3	16
18	What Is the Most Effective Empirical Antibiotic Treatment for Early, Delayed, and Late Fracture-Related Infections?. <i>Antibiotics</i> , 2022, 11, 287.	1.5	16

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19	Antibiotic cement coating in orthopedic surgery: a systematic review of reported clinical techniques. <i>Journal of Orthopaedics and Traumatology</i> , 2021, 22, 56.	1.0	16
20	Can the oncology classification system be used for prosthetic joint infection?. <i>Bone and Joint Research</i> , 2020, 9, 79-81.	1.3	15
21	Post-operative septic arthritis after arthroscopy: modern diagnostic and therapeutic concepts. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3149-3158.	2.3	15
22	Recent trends in revision knee arthroplasty in Germany. <i>Scientific Reports</i> , 2021, 11, 15479.	1.6	15
23	Osteocyte Regulation of Receptor Activator of NF- κ B Ligand/Osteoprotegerin in a Sheep Model of Osteoporosis. <i>American Journal of Pathology</i> , 2017, 187, 1686-1699.	1.9	14
24	Polymicrobial infections and microbial patterns in infected nonunions – a descriptive analysis of 42 cases. <i>BMC Infectious Diseases</i> , 2020, 20, 667.	1.3	14
25	Treatment of severely open tibial fractures, non-unions, and fracture-related infections with a gentamicin-coated tibial nail – clinical outcomes including quality of life analysis and psychological ICD-10-based symptom rating. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 270.	0.9	14
26	Is There a Difference in Clinical Features, Microbiological Epidemiology and Effective Empiric Antimicrobial Therapy Comparing Healthcare-Associated and Community-Acquired Vertebral Osteomyelitis?. <i>Antibiotics</i> , 2021, 10, 1410.	1.5	14
27	Incidence and treatment of intracapsular femoral neck fractures in Germany. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2023, 143, 2529-2537.	1.3	13
28	Is percutaneous pinning an outdated technique for distal radius fractures?. <i>Injury</i> , 2019, 50, S30-S35.	0.7	12
29	Safety assessment of microsilver-loaded poly(methyl methacrylate) (PMMA) cement spacers in patients with prosthetic hip infections. <i>Bone and Joint Research</i> , 2019, 8, 387-396.	1.3	12
30	Pinning of supracondylar fractures in children – Strategies to avoid complications. <i>Injury</i> , 2019, 50, S2-S9.	0.7	11
31	Infographic: Can the oncology classification system be used for prosthetic joint infection?. <i>Bone and Joint Research</i> , 2020, 9, 77-78.	1.3	11
32	<i>Galleria mellonella</i> as an alternative in vivo model to study bacterial biofilms on stainless steel and titanium implants. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2021, 38, 245-252.	0.9	11
33	Fine needle aspiration in stromal sarcoma of the breast. Light and electron microscopic findings with histologic correlation. <i>Acta Cytologica</i> , 1988, 32, 72-4.	0.7	11
34	The role of multidisciplinary teams in musculoskeletal infection. <i>Bone and Joint Research</i> , 2022, 11, 6-7.	1.3	10
35	Periprosthetic joint infection. <i>Bone and Joint Research</i> , 2022, 11, 8-9.	1.3	10
36	Computed tomography for managing periprosthetic femoral fractures. A retrospective analysis. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 258.	0.8	9

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37	Do Systemic Factors Influence the Fate of Nonunions to Become Atrophic? A Retrospective Analysis of 162 Cases. <i>BioMed Research International</i> , 2019, 2019, 1-12.	0.9	9
38	Long-term patient-related quality of life after successfully treated aseptic non-unions of the long bones. <i>Injury</i> , 2021, 52, 1880-1885.	0.7	9
39	Lower Limb Amputation Rates in Germany. <i>Medicina (Lithuania)</i> , 2022, 58, 101.	0.8	9
40	A new small animal model for simulating a two-stage-revision procedure in implant-related methicillin-resistant <i>Staphylococcus aureus</i> bone infection. <i>Injury</i> , 2019, 50, 1921-1928.	0.7	8
41	Osteocytes. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2019, 157, 154-163.	0.4	8
42	Extensor tendon ruptures in rheumatoid wrists. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2020, 30, 1499-1504.	0.6	8
43	Awareness of predatory journals and open access publishing among orthopaedic and trauma surgeons â€” results from an online survey in Germany. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 365.	0.8	8
44	Prevalence of psychological comorbidities in bone infection. <i>Journal of Psychosomatic Research</i> , 2022, 157, 110806.	1.2	8
45	Individual and commercially available antimicrobial coatings for intramedullary nails for the treatment of infected long bone non-unions: a systematic review. <i>Injury</i> , 2022, 53, S74-S80.	0.7	8
46	Patient-reported outcome after patient-specific unicompartmental knee arthroplasty for unicompartmental knee osteoarthritis. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 773.	0.8	7
47	A retrospective analysis of trends in primary knee arthroplasty in Germany from 2008 to 2018. <i>Scientific Reports</i> , 2021, 11, 5225.	1.6	7
48	Intracellular <i>S. aureus</i> in Osteoblasts in a Clinical Sample from a Patient with Chronic Osteomyelitisâ€”A Case Report. <i>Pathogens</i> , 2021, 10, 1064.	1.2	7
49	The Epidemiology of Osteomyelitis in Children. <i>Children</i> , 2021, 8, 1000.	0.6	7
50	Can necrotic bone be objectively identified in chronic fracture related infections? â€” First clinical experience with an intraoperative fluorescence imaging technique. <i>Injury</i> , 2020, 51, 2541-2545.	0.7	6
51	Surgical treatment outcome after serial debridement of infected nonunionâ€”A retrospective cohort study. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2022, 32, 183-189.	0.6	6
52	Letter in response to article in journal of infection: â€œThe microbiology of chronic osteomyelitis: Changes over ten yearsâ€. <i>Journal of Infection</i> , 2021, , .	1.7	6
53	Molecular enhancement of fracture healing - Is there a role for Bone Morphogenetic Protein-2, parathyroid hormone, statins, or sclerostin-antibodies?. <i>Injury</i> , 2021, 52, S49-S57.	0.7	5
54	Revision arthroplasty after unicompartmental knee arthroplasty. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 666.	0.9	5

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55	Rifampicin restores extracellular organic matrix formation and mineralization of osteoblasts after intracellular <i>Staphylococcus aureus</i> infection. <i>Bone and Joint Research</i> , 2022, 11, 327-341.	1.3	5
56	Treatment of proximal fifth metatarsal fractures with an ulna hook plate. <i>Foot</i> , 2020, 42, 101653.	0.4	4
57	Limb-saving Knee Arthrodesis with a Silver-coated Arthrodesis Rod in a Patient with Aspergillus Osteomyelitis of the Knee. <i>Strategies in Trauma and Limb Reconstruction</i> , 2021, 15, 121-125.	0.2	4
58	Structural Analysis of Mitochondrial Dynamicsâ€”From Cardiomyocytes to Osteoblasts: A Critical Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4571.	1.8	3
59	Bilateral scapulothoracic osteochondromas in a patient with hereditary multiple exostosis: a case report and review of the literature. <i>Orthopedic Reviews</i> , 2016, 8, 6501.	0.3	2
60	Large Animal Model of Osteoporotic Defect Healing: An Alternative to Metaphyseal Defect Model. <i>Life</i> , 2021, 11, 254.	1.1	2
61	Mortality, Risk Factors and Risk Assessment after Periprosthetic Femoral Fracturesâ€”A Retrospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4324.	1.0	2
62	The Definition of the Term â€œOrthogeriatric Infectionâ€”for Periprosthetic Joint Infections. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2022, 13, 215145932211116.	0.6	2
63	Managing periprosthetic joint infectionâ€”a qualitative analysis of nursing staffsâ€™ experiences. <i>BMC Nursing</i> , 2022, 21, .	0.9	2
64	Bone regeneration after marginal bone resection in two-stage treatment of chronic long bone infection - a combined histopathological and clinical pilot study. <i>Injury</i> , 2022, 53, 3446-3457.	0.7	2
65	Peri-Prosthetic Joint Infection after Finger Joint Arthroplasty. <i>Surgical Infections</i> , 2020, 21, 445-450.	0.7	1
66	Influence of Thoracic Trauma on Fracture Healing in Long Bonesâ€”A Retrospective Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 717.	1.0	1
67	Better is the foe of good: Outcome of operatively treated ankle fractures in the elderly. <i>Foot</i> , 2018, 36, 15-20.	0.4	0
68	Complete Genome Sequence of <i>Staphylococcus aureus</i> EDCC 5398, a Clinical Isolate from Implant-Associated Bone Infection. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	0
69	Antibiotikaprophylaxe und empirische Antibiotikatherapie bei PrimÃ¤rendoprothetik und periprothetischen Gelenkinfektionen: Aktuelle Praxis und Bedarf an Therapieoptimierung. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2022, , .	0.4	0