

Thomas M. Randau

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,010
citations

471371

17
h-index

454834

30
g-index

57
all docs

57
docs citations

57
times ranked

1381
citing authors

#	ARTICLE	IF	CITATIONS
1	The psychological burden of a two-stage exchange of infected total hip and knee arthroplasties. <i>Journal of Health Psychology</i> , 2022, 27, 470-480.	1.3	12
2	Risk factors for implant failure of custom-made acetabular implants in patients with Paprosky III acetabular bone loss and combined pelvic discontinuity. <i>Technology and Health Care</i> , 2022, 30, 703-711.	0.5	4
3	Open Access Redefined: Survey Data and Literature Study on the Impact of Sci-Hub in Orthopaedic Research. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2022, , .	0.4	0
4	Increased rate of enteric bacteria as cause of periprosthetic joint infections in patients with liver cirrhosis. <i>BMC Infectious Diseases</i> , 2022, 22, 389.	1.3	3
5	Microbiological Profiles of Patients with Periprosthetic Joint Infection of the Hip or Knee. <i>Diagnostics</i> , 2022, 12, 1654.	1.3	6
6	Synovial Complement Factors in Patients with Periprosthetic Joint Infection after Undergoing Revision Arthroplasty of the Hip or Knee Joint. <i>Diagnostics</i> , 2021, 11, 434.	1.3	3
7	sCD28, sCD80, sCTLA-4, and sBTLA Are Promising Markers in Diagnostic and Therapeutic Approaches for Aseptic Loosening and Periprosthetic Joint Infection. <i>Frontiers in Immunology</i> , 2021, 12, 687065.	2.2	5
8	Use of a Negative-Pressure Wound Dressing to Prevent Surgical Site Complications after Revision Knee Arthroplasty—A Randomized Controlled Trial. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9102.	1.3	1
9	Femoral defects in revision hip arthroplasty: a therapy-oriented classification. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, , 1.	1.3	8
10	Monoflanged Custom-Made Acetabular Components Promote Biomechanical Restoration of Severe Acetabular Bone Defects by Metallic Defect Reconstruction. <i>Journal of Arthroplasty</i> , 2020, 35, 831-835.	1.5	15
11	Characterization of synovial fluid from periprosthetic infection in revision total joint arthroplasty by single-molecule microscopy. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1359-1364.	1.2	0
12	Immunofluorescence analysis of sensory nerve endings in the interosseous membrane of the forearm. <i>Journal of Anatomy</i> , 2020, 236, 906-915.	0.9	13
13	Collateral effect of COVID-19 on orthopedic and trauma surgery. <i>PLoS ONE</i> , 2020, 15, e0238759.	1.1	26
14	Vertebral Bone Marrow-Derived Mesenchymal Stromal Cells from Osteoporotic and Healthy Patients Possess Similar Differentiation Properties In Vitro. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8309.	1.8	6
15	Impact of the COVID-19 Pandemic on Orthopaedic and Trauma Surgery in University Hospitals in Germany. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, e78.	1.4	64
16	High-Dimensional Analysis of Immune Cell Composition Predicts Periprosthetic Joint Infections and Dissects Its Pathophysiology. <i>Biomedicines</i> , 2020, 8, 358.	1.4	12
17	The Performance of a Dithiothreitol-Based Diagnostic System in Diagnosing Periprosthetic Joint Infection Compared to Sonication Fluid Cultures and Tissue Biopsies. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2020, 159, 447-453.	0.4	4
18	Outcome of repeated multi-stage arthroplasty with custom-made acetabular implants in patients with severe acetabular bone loss: a case series. <i>HIP International</i> , 2020, 30, 64-71.	0.9	3

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19	The use of negative pressure wound therapy increases failure rate in debridement and implant retention for acute prosthetic joint infection. <i>Technology and Health Care</i> , 2020, 28, 721-731.	0.5	5
20	Extracellular Vesicle Isolation and Characterization from Periprosthetic Joint Synovial Fluid in Revision Total Joint Arthroplasty. <i>Journal of Clinical Medicine</i> , 2020, 9, 516.	1.0	7
21	Difficult-to-treat pathogens significantly reduce infection resolution in periprosthetic joint infections. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 98, 115114.	0.8	18
22	Molecular and Functional Phenotypes of Human Bone Marrow-Derived Mesenchymal Stromal Cells Depend on Harvesting Techniques. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4382.	1.8	22
23	Acetabular defects in revision hip arthroplasty: a therapy-oriented classification. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2020, 140, 815-825.	1.3	14
24	Characterization and Comparison of Human and Ovine Mesenchymal Stromal Cells from Three Corresponding Sources. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2310.	1.8	14
25	The Influence of Iodine-Impregnated Incision Drapes on the Bacterial Contamination of Scalpel Blades in Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2020, 35, 2595-2600.	1.5	7
26	Collateral effect of COVID-19 on orthopedic and trauma surgery. , 2020, 15, e0238759.		0
27	Collateral effect of COVID-19 on orthopedic and trauma surgery. , 2020, 15, e0238759.		0
28	Collateral effect of COVID-19 on orthopedic and trauma surgery. , 2020, 15, e0238759.		0
29	Collateral effect of COVID-19 on orthopedic and trauma surgery. , 2020, 15, e0238759.		0
30	Spondylitis “ Spondylodiscitis “ an Update. <i>Zeitschrift Fur Orthopadie Und Unfallchirurgie</i> , 2019, 157, 132-143.	0.4	9
31	Conversion of cemented revision total knee prostheses to arthrodesis using custom-made arthrodesis modules that preserve the cemented stem anchorage in patients with long-established extensor mechanism insufficiency: A case series. <i>Knee</i> , 2019, 26, 1117-1124.	0.8	4
32	A case series of cementless revision total knee arthroplasty in patients with benzoyl peroxide allergy. <i>International Orthopaedics</i> , 2019, 43, 2323-2331.	0.9	4
33	Postoperative Medical Complications and Intermediate Care Unit/Intensive Care Unit Admission in Joint Replacement Surgery: A Prospective Risk Model. <i>Journal of Arthroplasty</i> , 2019, 34, 717-722.	1.5	6
34	Activity of ceftobiprole against Staphylococcus spec. isolates derived from foreign body associated infections. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 91, 175-178.	0.8	5
35	Pre-operative intra-articular deep tissue sampling with novel retrograde forceps improves the diagnostics in periprosthetic joint infection. <i>International Orthopaedics</i> , 2017, 41, 1355-1359.	0.9	8
36	Two-stage knee arthrodesis with a modular intramedullary nail due to septic failure of revision total knee arthroplasty with extensor mechanism deficiency. <i>Knee</i> , 2017, 24, 1240-1246.	0.8	26

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37	Novel Diagnostics in Revision Arthroplasty: Implant Sonication and Multiplex Polymerase Chain Reaction. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	10
38	RANK-ligand and osteoprotegerin as biomarkers in the differentiation between periprosthetic joint infection and aseptic prosthesis loosening. <i>World Journal of Orthopedics</i> , 2017, 8, 342.	0.8	14
39	Causes of Primary Total Hip Arthroplasty in Active Duty Soldiersâ€™ Are Recurrent Medical Assessments Associated With Reduced Rates of Secondary Osteoarthritis in This Population?. <i>Military Medicine</i> , 2016, 181, e1657-e1660.	0.4	0
40	Unyvero i60 implant and tissue infection (ITI) multiplex PCR system in diagnosing periprosthetic joint infection. <i>Journal of Microbiological Methods</i> , 2016, 121, 27-32.	0.7	48
41	Expression of miR-146a, miR-155, and miR-223 in formalin-fixed paraffin-embedded synovial tissues of patients with rheumatoid arthritis and osteoarthritis. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2016, 469, 93-100.	1.4	39
42	Comparison of bacterial growth in sonication fluid cultures with periprosthetic membranes and with cultures of biopsies for diagnosing periprosthetic joint infection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 84, 112-115.	0.8	24
43	Polymicrobial infections reduce the cure rate in prosthetic joint infections: outcome analysis with two-stage exchange and follow-up â€™twoÂ€years. <i>International Orthopaedics</i> , 2016, 40, 1367-1373.	0.9	70
44	Outcome Predictors in Prosthetic Joint Infections--Validation of a risk stratification score for Prosthetic Joint Infections in 120 cases. <i>Acta Orthopaedica Belgica</i> , 2016, 82, 143-8.	0.1	10
45	Validation of the Charlson comorbidity index in patients undergoing revision total hip arthroplasty. <i>International Orthopaedics</i> , 2015, 39, 1771-1777.	0.9	55
46	Acetabular defect reconstruction in revision hip arthroplasty with a modular revision system and biological defect augmentation. <i>International Orthopaedics</i> , 2015, 39, 623-630.	0.9	21
47	Investigation of neutrophilic peptides in periprosthetic tissue by matrix-assisted laser desorption ionisation time-of-flight imaging mass spectrometry. <i>International Orthopaedics</i> , 2015, 39, 559-567.	0.9	10
48	Interleukin-6 in Serum and in Synovial Fluid Enhances the Differentiation between Periprosthetic Joint Infection and Aseptic Loosening. <i>PLoS ONE</i> , 2014, 9, e89045.	1.1	110
49	Management of severe periacetabular bone loss combined with pelvic discontinuity in revision hip arthroplasty. <i>International Orthopaedics</i> , 2014, 38, 2455-2461.	0.9	45
50	Lipopolysaccharide-binding protein: A valuable biomarker in the differentiation between periprosthetic joint infection and aseptic loosening?. <i>International Orthopaedics</i> , 2014, 38, 2201-2207.	0.9	32
51	Evidence of MRSE on a gentamicin and vancomycin impregnated polymethyl-methacrylate (PMMA) bone cement spacer after two-stage exchange arthroplasty due to periprosthetic joint infection of the knee. <i>BMC Infectious Diseases</i> , 2014, 14, 144.	1.3	44
52	Impaction grafting in the femur in cementless modular revision total hip arthroplasty: a descriptive outcome analysis of 243 cases with the MRP-TITAN revision implant. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 19.	0.8	38
53	Evaluation of an interdisciplinary therapy algorithm in patients with prosthetic joint infections. <i>International Orthopaedics</i> , 2013, 37, 2271-2278.	0.9	61
54	Spacer usage in prosthetic joint infections does not influence infect resolution: Retrospective analysis of 120 joints with two-stage exchange. <i>Journal of Infection</i> , 2013, 67, 82-84.	1.7	7

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55	Detection of Pantoea agglomerans in hip prosthetic infection by sonication of the removed prosthesis: The first reported case. <i>Technology and Health Care</i> , 2013, 21, 613-618.	0.5	9
56	The Effect of Dexamethasone and Triiodothyronine on Terminal Differentiation of Primary Bovine Chondrocytes and Chondrogenically Differentiated Mesenchymal Stem Cells. <i>PLoS ONE</i> , 2013, 8, e72973.	1.1	28