

# Kevin Staats

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

446  
citations

687363

13  
h-index

713466

21  
g-index

27  
all docs

27  
docs citations

27  
times ranked

580  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical investigation for understanding the bactericidal effect of Cu <sub>2</sub> Se and Ag <sub>2</sub> Se for biomedical applications. <i>Journal of Applied Electrochemistry</i> , 2022, 52, 1-15.	2.9	4
2	Long Term Results of a Rotating Hinge Total Knee Prosthesis With Carbon-Fiber Reinforced Poly-Ether-Ether-Ketone (CFR-PEEK) as Bearing Material. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 845859.	4.1	5
3	25-Year experience with adult polytraumatized patients in a European level 1 trauma center: polytrauma between 1995 and 2019. What has changed? A retrospective cohort study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2022, , 1.	2.4	0
4	Intermittent parathyroid hormone increases stability and improves osseointegration of initially unstable implants. <i>Bone and Joint Research</i> , 2022, 11, 260-269.	3.6	0
5	Antimicrobial potential and osteoblastic cell growth on electrochemically modified titanium surfaces with nanotubes and selenium or silver incorporation. <i>Scientific Reports</i> , 2022, 12, 8298.	3.3	11
6	Inferior performance of established and novel serum inflammatory markers in diagnosing periprosthetic joint infections. <i>International Orthopaedics</i> , 2021, 45, 837-846.	1.9	31
7	Proximal femoral reconstruction with modular megaprotheses in non-oncological patients. <i>International Orthopaedics</i> , 2021, 45, 2531-2542.	1.9	6
8	Patient-Specific Implants for Pelvic Tumor Resections. <i>Journal of Personalized Medicine</i> , 2021, 11, 683.	2.5	6
9	Hand X-ray examination in two planes is not required for radiographic assessment of hand osteoarthritis. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2020, 12, 1759720X2093493.	2.7	1
10	Does a Competing Risk Analysis Show Differences in the Cumulative Incidence of Revision Surgery Between Patients with Oncologic and Non-oncologic Conditions After Distal Femur Replacement?. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 1062-1073.	1.5	15
11	Recombinant Human <i>BMP6</i> Applied Within Autologous Blood Coagulum Accelerates Bone Healing: Randomized Controlled Trial in High Tibial Osteotomy Patients. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1893-1903.	2.8	26
12	2020 John Charnley Award: The antimicrobial potential of bacteriophage-derived lysin in a murine debridement, antibiotics, and implant retention model of prosthetic joint infection. <i>Bone and Joint Journal</i> , 2020, 102-B, 3-10.	4.4	32
13	A comparative study of intraoperative frozen section and alpha defensin lateral flow test in the diagnosis of periprosthetic joint infection. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 90, 105-110.	3.3	18
14	Distal femoral reconstruction following failed total knee arthroplasty is accompanied with risk for complication and reduced joint function. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 47.	1.9	25
15	Multiplex PCR Unyvero i60 ITI application improves detection of low-virulent microorganisms in periprosthetic joint infections. <i>International Orthopaedics</i> , 2019, 43, 1891-1898.	1.9	31
16	Modern cemented total knee arthroplasty design shows a higher incidence of radiolucent lines compared to its predecessor. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 1148-1155.	4.2	42
17	Surface modification of Ti6Al4V alloy for implants by anodization and electrodeposition. <i>AIMS Materials Science</i> , 2019, 6, 713-729.	1.4	5
18	Preoperative MRI is helpful but not sufficient to detect associated lesions in patients with chronic ankle instability. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 2103-2109.	4.2	25

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19	Failed Two-Stage Exchange: Factors Leading to Unachievable Endoprosthetic Reconstruction After Multiple Revision Surgeries. <i>Journal of Arthroplasty</i> , 2018, 33, 195-199.	3.1	14
20	Comparison of Plantar Pressure Distribution and Functional Outcome after Scarf and Austin Osteotomy. <i>Orthopaedic Surgery</i> , 2018, 10, 255-263.	1.8	4
21	Outcome of Total Hip and Total Knee Revision Arthroplasty With Minor Infection Criteria: A Retrospective Matched-Pair Analysis. <i>Journal of Arthroplasty</i> , 2017, 32, 1266-1271.	3.1	20
22	Surgical treatment of shoulder infections: a comparison between arthroscopy and arthrotomy. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 1915-1921.	2.6	28
23	The influence of antibiotic-loaded cement spacers on the risk of reinfection after septic two-stage hip revision surgery. <i>Infection</i> , 2017, 45, 885-891.	4.7	8
24	Computer navigation-assisted surgery for musculoskeletal tumors: a closer look into the learning curve. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2017, 27, 851-858.	1.4	14
25	Sonication culture improves microbiological diagnosis of modular megaprotheses. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1383-1387.	2.3	12
26	Megaprotheses in the treatment of periprosthetic fractures of the knee joint: indication, technique, results and review of literature. <i>International Orthopaedics</i> , 2016, 40, 935-943.	1.9	62
27	Is the revision of a primary TKA really as easy and safe as the revision of a primary UKA?. <i>Annals of Translational Medicine</i> , 2016, 4, 532-532.	1.7	1