

Steven J Macdonald

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

996
citations

489802

18
h-index

511568

30
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52
all docs

52
docs citations

52
times ranked

1176
citing authors

#	ARTICLE	IF	CITATIONS
1	Logistic Regression and Machine Learning Models Cannot Discriminate Between Satisfied and Dissatisfied Total Knee Arthroplasty Patients. <i>Journal of Arthroplasty</i> , 2022, 37, 267-273.	1.5	6
2	Unit Sales Trends of Hip Arthroplasty Procedures Performed in Ontario in 2020. <i>Journal of Arthroplasty</i> , 2022, . .	1.5	0
3	Survivorship of Metaphyseal Cones and Sleeves in Revision Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2022, 37, S263-S269.	1.5	7
4	Outcomes of Stemmed versus Un-Stemmed Varus-Valgus Constrained Components in Primary Total Knee Arthroplasty. <i>Orthopedic Research and Reviews</i> , 2021, Volume 13, 9-13.	0.7	3
5	Prevalence and Outcomes of Unexpected Positive Intraoperative Cultures in Presumed Aseptic Revision Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1392-1401.	1.4	18
6	Wait times, resource use and health-related quality of life across the continuum of care for patients referred for total knee replacement surgery. <i>Canadian Journal of Surgery</i> , 2021, 64, E253-E264.	0.5	4
7	Can Met Expectations Moderate the Relationship Between Pain/Function and Satisfaction in Total Knee Arthroplasty?. <i>Journal of Arthroplasty</i> , 2021, 36, 1942-1946.	1.5	6
8	Quantifying the Level of Evidence of Podium Presentations at the American Association of Hip and Knee Surgeons From 2015 to 2019. <i>Journal of Arthroplasty</i> , 2021, 36, 2219-2222.	1.5	3
9	Comparison of long-term kinematics and wear of total knee arthroplasty implant designs. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 124, 104845.	1.5	2
10	Comparison of Contact Kinematics in Posterior-Stabilized and Cruciate-Retaining Total Knee Arthroplasty at Long-Term Follow-Up. <i>Journal of Arthroplasty</i> , 2020, 35, 272-277.	1.5	27
11	Indications, Survivorship, and Clinical Outcomes of a Rotating Hinge Total Knee and Distal Femoral Arthroplasty System. <i>Journal of Arthroplasty</i> , 2020, 35, 1323-1327.	1.5	9
12	<p>Three Femoral Stem Designs Without Corrosion: A Review of 2095 Stems</p>. <i>Orthopedic Research and Reviews</i> , 2020, Volume 12, 145-150.	0.7	0
13	Patient Preferences for Surgical Treatment of Knee Osteoarthritis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 2022-2031.	1.4	10
14	<p>Effect of the Extent of Release for Knee Balancing on Post-Operative Limb Coronal Alignment After Primary Total Knee Arthroplasty</p>. <i>Orthopedic Research and Reviews</i> , 2020, Volume 12, 113-119.	0.7	2
15	Lateral subvastus approach: A cadaveric examination of its potential for total knee arthroplasty. <i>Knee</i> , 2020, 27, 1271-1278.	0.8	3
16	The effect of altering head length on corrosion using a material loss method. <i>HIP International</i> , 2019, 29, 368-372.	0.9	4
17	Morbid Obesity in Revision Total Knee Arthroplasty: A Significant Risk Factor for Re-Operation. <i>Journal of Arthroplasty</i> , 2019, 34, 932-938.	1.5	15
18	Femoral head material loss at the head-neck junction in total hip arthroplasty: the effect of head size, stem material and stem offset. <i>HIP International</i> , 2019, 29, 647-651.	0.9	5

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19	Effect of an e-Learning Tool on Expectations and Satisfaction Following Total Knee Arthroplasty: A Randomized Controlled Trial. <i>Journal of Arthroplasty</i> , 2018, 33, 2153-2158.	1.5	23
20	Does Time to Surgery Affect Outcomes for Periprosthetic Femur Fractures?. <i>Journal of Arthroplasty</i> , 2018, 33, 878-881.	1.5	26
21	Varus tibial alignment is associated with greater tibial baseplate migration at 10 years following total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 1610-1617.	2.3	35
22	Predictive accuracy of RSA migration thresholds for cemented total hip arthroplasty stem designs. <i>HIP International</i> , 2018, 28, 363-368.	0.9	9
23	Patellar Resurfacing in Total Knee Arthroplasty: A Cost-Effectiveness Analysis. <i>Journal of Arthroplasty</i> , 2018, 33, 3412-3415.	1.5	29
24	The relationship between constitutional alignment and varus osteoarthritis of the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 2873-2879.	2.3	37
25	Clinical Results and Survivorship of the GENESIS II Total Knee Arthroplasty at a Minimum of 15 Years. <i>Journal of Arthroplasty</i> , 2017, 32, 2161-2166.	1.5	24
26	The Impact of Coronal Plane Alignment on Polyethylene Wear and Damage in Total Knee Arthroplasty: A Retrieval Study. <i>Journal of Arthroplasty</i> , 2017, 32, 2012-2016.	1.5	23
27	Morbid Obesity Is a Significant Risk of Failure Following Revision Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 3098-3101.	1.5	9
28	Current Total Knee Designs: Does Baseplate Roughness or Locking Mechanism Design Affect Polyethylene Backside Wear?. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 2970-2980.	0.7	19
29	Do Changes in Patellofemoral Joint Offset Lead to Adverse Outcomes in Total Knee Arthroplasty With Patellar Resurfacing? A Radiographic Review. <i>Journal of Arthroplasty</i> , 2017, 32, 783-787.e1.	1.5	30
30	Corrosion and Tribology of Materials Used in a Novel Reverse Hip Replacement. <i>Materials</i> , 2017, 10, 751.	1.3	2
31	Functional Outcomes of Infected Hip Arthroplasty: A Comparison of Different Surgical Treatment Options. <i>HIP International</i> , 2017, 27, 245-250.	0.9	17
32	The role of isolated polyethylene exchange in total knee arthroplasty. <i>EFORT Open Reviews</i> , 2017, 2, 66-71.	1.8	12
33	Metal-on-Metal Compared With Metal-on-Polyethylene: The Effect on Trunnion Corrosion in Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 2574-2579.	1.5	22
34	Thirteen-year wear rate comparison of highly crosslinked and conventional polyethylene in total hip arthroplasty: long-term follow-up of a prospective randomized controlled trial. <i>Canadian Journal of Surgery</i> , 2017, 60, 212-216.	0.5	24
35	The Effect of Subluxation of Articulating Antibiotic Spacers on Bone Defects and Degree of Constraint in Revision Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 199-203.	1.5	15
36	Factors Affecting Wear of Constrained Polyethylene Tibial Inserts in Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 1340-1345.	1.5	12

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37	Backside Wear Is Not Dependent on the Acetabular Socket Design in Crosslinked Polyethylene Liners. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 374-382.	0.7	5
38	Comparison of Tibial Insert Polyethylene Damage in Rotating Hinge and Highly Constrained Total Knee Arthroplasty: A Retrieval Analysis. <i>Journal of Arthroplasty</i> , 2016, 31, 290-294.	1.5	12
39	Ten-year Results Comparing Posterior Cruciate-retaining Versus Posterior Cruciate-substituting Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2015, 30, 210-215.	1.5	35
40	Treatment of infected nonunion total knee arthroplasty periprosthetic fracture using a stemmed articulating spacer. <i>Knee</i> , 2015, 22, 440-442.	0.8	5
41	Comparing the Long-Term Results of Two Uncemented Femoral Stems for Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2015, 30, 781-785.	1.5	21
42	Economic Evaluation of Web-Based Compared with In-Person Follow-up After Total Joint Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 1910-1916.	1.4	56
43	Retrieval Analysis of Posterior Stabilized Polyethylene Tibial Inserts and Its Clinical Relevance. <i>Journal of Arthroplasty</i> , 2014, 29, 365-368.	1.5	27
44	Surface extraction can provide a reference for micro-CT analysis of retrieved total knee implants. <i>Knee</i> , 2014, 21, 801-805.	0.8	10
45	Patients Respond Similarly to Paper and Electronic Versions of the WOMAC and SF-12 Following Total Joint Arthroplasty. <i>Journal of Arthroplasty</i> , 2014, 29, 670-673.	1.5	23
46	Unicompartmental Versus Total Knee Arthroplasty Database Analysis: Is There a Winner?. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 84-90.	0.7	214
47	Proximally Versus Fully Porous-coated Femoral Stems: A Multicenter Randomized Trial. <i>Clinical Orthopaedics and Related Research</i> , 2010, 468, 424-432.	0.7	42
48	Hip Resurfacing: Yet to Be Proven. <i>Orthopedics</i> , 2008, 31, 879-81.	0.5	1
49	Extended Trochanteric Osteotomy Via the Direct Lateral Approach in Revision Hip Arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2003, 417, 210-216.	0.7	52