

Edward M Vasarhelyi

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,434
citations

361413

20
h-index

361022

35
g-index

64
all docs

64
docs citations

64
times ranked

1592
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 infection and venous thromboembolism after surgery: an international prospective cohort study. <i>Anaesthesia</i> , 2022, 77, 28-39.	3.8	82
2	Migration and Inducible Displacement of the Bicruciate-Stabilized Total Knee Arthroplasty: A Randomized Controlled Trial of Gap Balancing and Measured Resection Techniques. <i>Journal of Arthroplasty</i> , 2022, 37, 252-258.	3.1	5
3	Static vs Articulating Spacers for Two-Stage Revision Total Knee Arthroplasty: Minimum Five-Year Review. <i>Arthroplasty Today</i> , 2022, 13, 171-175.	1.6	6
4	Patient and Implant Performance of Satisfied and Dissatisfied Total Knee Arthroplasty Patients. <i>Journal of Arthroplasty</i> , 2022, 37, S98-S104.	3.1	5
5	Survivorship of Metaphyseal Cones and Sleeves in Revision Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2022, 37, S263-S269.	3.1	7
6	Cement Mantle Quality And Stem Alignment In Cemented Collarless Polished Tapered Stems Implanted Via The Direct Anterior And Direct Lateral Approaches: A Single Institution Experience. <i>Journal of Arthroplasty</i> , 2022, , .	3.1	1
7	Implementation of falls risk evaluation at one-year after total hip arthroplasty: a cross-sectional study. <i>Archives of Physiotherapy</i> , 2022, 12, .	1.8	1
8	Machine Learning Predicts the Fall Risk of Total Hip Arthroplasty Patients Based on Wearable Sensor Instrumented Performance Tests. <i>Journal of Arthroplasty</i> , 2021, 36, 573-578.	3.1	12
9	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.	1.1	3
10	Fully hydroxyapatite-coated collared femoral stems in direct anterior versus direct lateral hip arthroplasty. <i>Canadian Journal of Surgery</i> , 2021, 64, E205-E210.	1.2	2
11	GraXRS-Dependent Resistance of <i>Staphylococcus aureus</i> to Human Osteoarthritic Synovial Fluid. <i>MSphere</i> , 2021, 6, .	2.9	0
12	The economic impact of periprosthetic infection in total knee arthroplasty. <i>Canadian Journal of Surgery</i> , 2021, 64, E144-E148.	1.2	20
13	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.	3.0	18
14	Trial Tibial Inserts May Result in Different Knee Kinematics from Final Poly Inserts in Total Knee Arthroplasty. <i>Orthopedic Research and Reviews</i> , 2021, Volume 13, 81-88.	1.1	0
15	The utility of head CT scans in geriatric patients with hip fractures following a low energy injury mechanism: A retrospective review. <i>Injury</i> , 2021, 52, 1462-1466.	1.7	0
16	Effects of pre-operative isolation on postoperative pulmonary complications after elective surgery: an international prospective cohort study. <i>Anaesthesia</i> , 2021, 76, 1454-1464.	3.8	40
17	A Randomized Trial Investigating the Cost-Utility of Patient-Specific Instrumentation in Total Knee Arthroplasty in an Obese Population. <i>Journal of Arthroplasty</i> , 2021, 36, 3078-3088.	3.1	8
18	Deciphering the low abundance microbiota of presumed aseptic hip and knee implants. <i>PLoS ONE</i> , 2021, 16, e0257471.	2.5	3

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19	Evaluation of the Effect of Gait Aids, Such as Canes, Crutches, and Walkers, on the Accuracy of Step Counters in Healthy Individuals. Orthopedic Research and Reviews, 2021, Volume 13, 1-8.	1.1	3
20	Indications, Survivorship, and Clinical Outcomes of a Rotating Hinge Total Knee and Distal Femoral Arthroplasty System. Journal of Arthroplasty, 2020, 35, 1323-1327.	3.1	9
21	Use of National Joint Registries to Evaluate a New Knee Arthroplasty Design. Journal of Arthroplasty, 2020, 35, 413-416.	3.1	5
22	Comparison of functional and patient-reported outcomes between direct anterior and lateral surgical approach one-year after total hip arthroplasty in a Canadian population: A cross-sectional study. Journal of Orthopaedics, 2020, 19, 36-40.	1.3	7
23	Clinical Outcomes and Midterm Survivorship of an Uncemented Primary Total Hip Arthroplasty System. Journal of Arthroplasty, 2020, 35, 1662-1666.	3.1	9
24	Contact kinematics of patient-specific instrumentation versus conventional instrumentation for total knee arthroplasty. Knee, 2020, 27, 1501-1509.	1.6	6
25	Cost-Effectiveness of Arthroplasty Management in Hip and Knee Osteoarthritis: a Quality Review of the Literature. Current Treatment Options in Rheumatology, 2020, 6, 160-190.	1.4	1
26	Prevalence and Risk Factors of Falls in Adults 1 Year After Total Hip Arthroplasty for Osteoarthritis. American Journal of Physical Medicine and Rehabilitation, 2020, 99, 853-857.	1.4	4
27	<p>Effect of the Extent of Release for Knee Balancing on Post-Operative Limb Coronal Alignment After Primary Total Knee Arthroplasty</p>. Orthopedic Research and Reviews, 2020, Volume 12, 113-119.	1.1	2
28	The economic impact of periprosthetic infection in total hip arthroplasty. Canadian Journal of Surgery, 2020, 63, E52-E56.	1.2	37
29	Accelerated surgery versus standard care in hip fracture (HIP ATTACK): an international, randomised, controlled trial. Lancet, The, 2020, 395, 698-708.	13.7	199
30	The Effect of Total Hip Arthroplasty Surgical Technique on Postoperative Muscle Atrophy. Orthopedics, 2020, 43, 361-366.	1.1	6
31	Decisional conflict in surgical patients: Should surgeons care?. Canadian Journal of Surgery, 2019, 62, 211-213.	1.2	21
32	Morbid Obesity in Revision Total Knee Arthroplasty: A Significant Risk Factor for Re-Operation. Journal of Arthroplasty, 2019, 34, 932-938.	3.1	15
33	Assessing Preoperative Mobility in Total Hip Arthroplasty: A SAFE T database study. Journal of Orthopaedics, 2019, 16, 409-413.	1.3	0
34	Revision Rates and Functional Outcomes Among Severely, Morbidly, and Super-Obese Patients Following Primary Total Knee Arthroplasty. JBJS Reviews, 2019, 7, e9-e9.	2.0	44
35	Revision Rates and Functional Outcome Scores for Severely, Morbidly, and Super-Obese Patients Undergoing Primary Total Hip Arthroplasty. JBJS Reviews, 2019, 7, e11-e11.	2.0	24
36	Ninety-Day Costs, Reoperations, and Readmissions for Primary Total Hip Arthroplasty Patients of Varying Body Mass Index Levels. Journal of Arthroplasty, 2019, 34, 433-438.	3.1	9

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37	General Assembly, Prevention, Operating Room - Surgical Technique: Proceedings of International Consensus on Orthopedic Infections. Journal of Arthroplasty, 2019, 34, S139-S146.	3.1	4
38	Correlation of Short Knee Radiographs and Full-length Radiographs in Patients Undergoing Total Knee Arthroplasty. Journal of the American Academy of Orthopaedic Surgeons, The, 2019, 27, e516-e521.	2.5	10
39	Use of the Corail stem for revision total hip arthroplasty: evaluation of clinical outcomes and cost. Canadian Journal of Surgery, 2019, 62, 78-82.	1.2	12
40	Cost-Effectiveness of Total Knee Arthroplasty vs Nonoperative Management in Normal, Overweight, Obese, Severely Obese, Morbidly Obese, and Super-Obese Patients: A Markov Model. Journal of Arthroplasty, 2018, 33, S32-S38.	3.1	38
41	Ninety-Day Costs, Reoperations, and Readmissions for Primary Total Knee Arthroplasty Patients With Varying Body Mass Index Levels. Journal of Arthroplasty, 2018, 33, S157-S161.	3.1	22
42	Does Time to Surgery Affect Outcomes for Periprosthetic Femur Fractures?. Journal of Arthroplasty, 2018, 33, 878-881.	3.1	26
43	The impact of residual varus alignment following total knee arthroplasty on patient outcome scores in a constitutional varus population. Knee, 2018, 25, 1278-1282.	1.6	7
44	A randomised trial comparing spatio-temporal gait parameters after total hip arthroplasty between the direct anterior and direct lateral surgical approaches. HIP International, 2018, 28, 478-484.	1.7	17
45	Wear performance of cobalt chromium, ceramic, and oxidized zirconium on highly crosslinked polyethylene at mid-term follow-up. Journal of Orthopaedics, 2018, 15, 620-623.	1.3	6
46	Gait analysis following release of the short external rotators during an anterior approach for total hip arthroplasty. HIP International, 2018, 28, 584-590.	1.7	7
47	Patellar Resurfacing in Total Knee Arthroplasty: A Cost-Effectiveness Analysis. Journal of Arthroplasty, 2018, 33, 3412-3415.	3.1	29
48	Cost-Effectiveness of Total Hip Arthroplasty Versus Nonoperative Management in Normal, Overweight, Obese, Severely Obese, Morbidly Obese, and Super Obese Patients: A Markov Model. Journal of Arthroplasty, 2018, 33, 3629-3636.	3.1	25
49	Is There a Role for Preoperative Iron Supplementation in Patients Preparing for a Total Hip or Total Knee Arthroplasty?. Journal of Arthroplasty, 2017, 32, 2688-2693.	3.1	35
50	Current Total Knee Designs: Does Baseplate Roughness or Locking Mechanism Design Affect Polyethylene Backside Wear?. Clinical Orthopaedics and Related Research, 2017, 475, 2970-2980.	1.5	19
51	Ultrasound-Guided Motor-Sparing Knee Blocks for Postoperative Analgesia Following Total Knee Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2017, 99, 1274-1281.	3.0	42
52	Outcomes of Surgical Management of Supracondylar Periprosthetic Femur Fractures. Journal of Arthroplasty, 2017, 32, 189-192.	3.1	40
53	A Cost Analysis of Single-Stage Bilateral versus Two-Stage Direct Anterior Total Hip Arthroplasty. HIP International, 2016, 26, 15-19.	1.7	22
54	Preoperative Pelvic Tilt Analysis Reduces Fluoroscopy Time in Direct Anterior Total Hip Arthroplasty. Orthopedics, 2016, 39, e962-6.	1.1	3

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55	Perioperative Predictors of Length of Stay After Total Hip Arthroplasty. Journal of Arthroplasty, 2016, 31, 1427-1430.	3.1	32
56	In-Hospital Cost Analysis of Total Hip Arthroplasty: Does Surgical Approach Matter?. Journal of Arthroplasty, 2016, 31, 53-58.	3.1	43
57	Mid-term survivorship and clinical outcomes of cobalt-chrome and oxidized zirconium on highly crosslinked polyethylene. Canadian Journal of Surgery, 2016, 59, 48-53.	1.2	14
58	Contribution of Surface Polishing and Sterilization Method to Backside Wear in Total Knee Arthroplasty. Journal of Arthroplasty, 2015, 30, 2320-2322.	3.1	8
59	Surgical approach in primary total hip arthroplasty: anatomy, technique and clinical outcomes. Canadian Journal of Surgery, 2015, 58, 128-139.	1.2	261
60	Correlation of Corrosion and Biomechanics in the Retrieval of a Single Modular Neck Total Hip Arthroplasty Design. Journal of Arthroplasty, 2015, 30, 135-140.	3.1	30
61	Mitigation and Education. Journal of Arthroplasty, 2014, 29, 19-25.	3.1	39
62	Computation and visualization of uncertainty in surgical navigation. International Journal of Medical Robotics and Computer Assisted Surgery, 2014, 10, 332-343.	2.3	13
63	Mitigation and Education. Journal of Orthopaedic Research, 2014, 32, S16-25.	2.3	12
64	Let's do a revision total knee arthroplasty. Instructional Course Lectures, 2014, 63, 239-51.	0.2	4