

# Edward M Vasarhelyi

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,434  
citations

411340

20  
h-index

406436

35  
g-index

64  
all docs

64  
docs citations

64  
times ranked

1647  
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.	1.8	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.	1.5	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.	0.8	6
4	Patient and Implant Performance of Satisfied and Dissatisfied Total Knee Arthroplasty Patients. <i>Journal of Arthroplasty</i> , 2022, 37, S98-S104.	1.5	5
5	Survivorship of Metaphyseal Cones and Sleeves in Revision Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2022, 37, S263-S269.	1.5	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, , .	1.5	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, .	0.7	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.	1.5	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.	0.7	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.	0.5	2
11	GraXRS-Dependent Resistance of <i>Staphylococcus aureus</i> to Human Osteoarthritic Synovial Fluid. <i>MSphere</i> , 2021, 6, .	1.3	0
12	The economic impact of periprosthetic infection in total knee arthroplasty. <i>Canadian Journal of Surgery</i> , 2021, 64, E144-E148.	0.5	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.	1.4	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.	0.7	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.	0.7	0
16	Effects of preoperative isolation on postoperative pulmonary complications after elective surgery: an international prospective cohort study. <i>Anaesthesia</i> , 2021, 76, 1454-1464.	1.8	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.	1.5	8
18	Deciphering the low abundance microbiota of presumed aseptic hip and knee implants. <i>PLoS ONE</i> , 2021, 16, e0257471.	1.1	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. <i>Orthopedic Research and Reviews</i> , 2021, Volume 13, 1-8.	0.7	3
20	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
21	Use of National Joint Registries to Evaluate a New Knee Arthroplasty Design. <i>Journal of Arthroplasty</i> , 2020, 35, 413-416.	1.5	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. <i>Journal of Orthopaedics</i> , 2020, 19, 36-40.	0.6	7
23	Clinical Outcomes and Midterm Survivorship of an Uncemented Primary Total Hip Arthroplasty System. <i>Journal of Arthroplasty</i> , 2020, 35, 1662-1666.	1.5	9
24	Contact kinematics of patient-specific instrumentation versus conventional instrumentation for total knee arthroplasty. <i>Knee</i> , 2020, 27, 1501-1509.	0.8	6
25	Cost-Effectiveness of Arthroplasty Management in Hip and Knee Osteoarthritis: a Quality Review of the Literature. <i>Current Treatment Options in Rheumatology</i> , 2020, 6, 160-190.	0.6	1
26	Prevalence and Risk Factors of Falls in Adults 1 Year After Total Hip Arthroplasty for Osteoarthritis. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2020, 99, 853-857.	0.7	4
27	&lt;p&gt;Effect of the Extent of Release for Knee Balancing on Post-Operative Limb Coronal Alignment After Primary Total Knee Arthroplasty&lt;p&gt;. <i>Orthopedic Research and Reviews</i> , 2020, Volume 12, 113-119.	0.7	2
28	The economic impact of periprosthetic infection in total hip arthroplasty. <i>Canadian Journal of Surgery</i> , 2020, 63, E52-E56.	0.5	37
29	Accelerated surgery versus standard care in hip fracture (HIP ATTACK): an international, randomised, controlled trial. <i>Lancet, The</i> , 2020, 395, 698-708.	6.3	199
30	The Effect of Total Hip Arthroplasty Surgical Technique on Postoperative Muscle Atrophy. <i>Orthopedics</i> , 2020, 43, 361-366.	0.5	6
31	Decisional conflict in surgical patients: Should surgeons care?. <i>Canadian Journal of Surgery</i> , 2019, 62, 211-213.	0.5	21
32	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
33	Assessing Preoperative Mobility in Total Hip Arthroplasty: A SAFE T database study. <i>Journal of Orthopaedics</i> , 2019, 16, 409-413.	0.6	0
34	Revision Rates and Functional Outcomes Among Severely, Morbidly, and Super-Obese Patients Following Primary Total Knee Arthroplasty. <i>JBJS Reviews</i> , 2019, 7, e9-e9.	0.8	44
35	Revision Rates and Functional Outcome Scores for Severely, Morbidly, and Super-Obese Patients Undergoing Primary Total Hip Arthroplasty. <i>JBJS Reviews</i> , 2019, 7, e11-e11.	0.8	24
36	Ninety-Day Costs, Reoperations, and Readmissions for Primary Total Hip Arthroplasty Patients of Varying Body Mass Index Levels. <i>Journal of Arthroplasty</i> , 2019, 34, 433-438.	1.5	9

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37	General Assembly, Prevention, Operating Room - Surgical Technique: Proceedings of International Consensus on Orthopedic Infections. <i>Journal of Arthroplasty</i> , 2019, 34, S139-S146.	1.5	4
38	Correlation of Short Knee Radiographs and Full-length Radiographs in Patients Undergoing Total Knee Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2019, 27, e516-e521.	1.1	10
39	Use of the Corail stem for revision total hip arthroplasty: evaluation of clinical outcomes and cost. <i>Canadian Journal of Surgery</i> , 2019, 62, 78-82.	0.5	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. <i>Journal of Arthroplasty</i> , 2018, 33, S32-S38.	1.5	38
41	Ninety-Day Costs, Reoperations, and Readmissions for Primary Total Knee Arthroplasty Patients With Varying Body Mass Index Levels. <i>Journal of Arthroplasty</i> , 2018, 33, S157-S161.	1.5	22
42	Does Time to Surgery Affect Outcomes for Periprosthetic Femur Fractures?. <i>Journal of Arthroplasty</i> , 2018, 33, 878-881.	1.5	26
43	The impact of residual varus alignment following total knee arthroplasty on patient outcome scores in a constitutional varus population. <i>Knee</i> , 2018, 25, 1278-1282.	0.8	7
44	A randomised trial comparing spatio-temporal gait parameters after total hip arthroplasty between the direct anterior and direct lateral surgical approaches. <i>HIP International</i> , 2018, 28, 478-484.	0.9	17
45	Wear performance of cobalt chromium, ceramic, and oxidized zirconium on highly crosslinked polyethylene at mid-term follow-up. <i>Journal of Orthopaedics</i> , 2018, 15, 620-623.	0.6	6
46	Gait analysis following release of the short external rotators during an anterior approach for total hip arthroplasty. <i>HIP International</i> , 2018, 28, 584-590.	0.9	7
47	Patellar Resurfacing in Total Knee Arthroplasty: A Cost-Effectiveness Analysis. <i>Journal of Arthroplasty</i> , 2018, 33, 3412-3415.	1.5	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. <i>Journal of Arthroplasty</i> , 2018, 33, 3629-3636.	1.5	25
49	Is There a Role for Preoperative Iron Supplementation in Patients Preparing for a Total Hip or Total Knee Arthroplasty?. <i>Journal of Arthroplasty</i> , 2017, 32, 2688-2693.	1.5	35
50	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
51	Ultrasound-Guided Motor-Sparing Knee Blocks for Postoperative Analgesia Following Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 1274-1281.	1.4	42
52	Outcomes of Surgical Management of Supracondylar Periprosthetic Femur Fractures. <i>Journal of Arthroplasty</i> , 2017, 32, 189-192.	1.5	40
53	A Cost Analysis of Single-Stage Bilateral versus Two-Stage Direct Anterior Total Hip Arthroplasty. <i>HIP International</i> , 2016, 26, 15-19.	0.9	22
54	Preoperative Pelvic Tilt Analysis Reduces Fluoroscopy Time in Direct Anterior Total Hip Arthroplasty. <i>Orthopedics</i> , 2016, 39, e962-6.	0.5	3

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55	Perioperative Predictors of Length of Stay After Total Hip Arthroplasty. Journal of Arthroplasty, 2016, 31, 1427-1430.	1.5	32
56	In-Hospital Cost Analysis of Total Hip Arthroplasty: Does Surgical Approach Matter?. Journal of Arthroplasty, 2016, 31, 53-58.	1.5	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.	0.5	14
58	Contribution of Surface Polishing and Sterilization Method to Backside Wear in Total Knee Arthroplasty. Journal of Arthroplasty, 2015, 30, 2320-2322.	1.5	8
59	Surgical approach in primary total hip arthroplasty: anatomy, technique and clinical outcomes. Canadian Journal of Surgery, 2015, 58, 128-139.	0.5	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.	1.5	30
61	Mitigation and Education. Journal of Arthroplasty, 2014, 29, 19-25.	1.5	39
62	Computation and visualization of uncertainty in surgical navigation. International Journal of Medical Robotics and Computer Assisted Surgery, 2014, 10, 332-343.	1.2	13
63	Mitigation and Education. Journal of Orthopaedic Research, 2014, 32, S16-25.	1.2	12
64	Let's do a revision total knee arthroplasty. Instructional Course Lectures, 2014, 63, 239-51.	0.2	4