

Rafael J Sierra

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

4,618
citations

117625

34
h-index

106344

65
g-index

107
all docs

107
docs citations

107
times ranked

3281
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk factors for long-term hip osteoarthritis in patients with hip dysplasia without surgical intervention. <i>Journal of Hip Preservation Surgery</i> , 2022, 9, 18-21.	1.3	3
2	Minimum 10-Year Survivorship of Mobile-Bearing Unicompartamental Arthroplasty: Single Surgeon, North American Non-Designer Consecutive Series. <i>Journal of Arthroplasty</i> , 2022, 37, S88-S93.	3.1	6
3	Scar Perception After Two Surgical Approaches for Total Hip Arthroplasty. <i>Arthroplasty Today</i> , 2022, 14, 96-99.	1.6	2
4	Collarless Taper Slip and Collared Composite Beam Stems Differ in Failure Modes and Reoperation Rates. <i>Journal of Arthroplasty</i> , 2022, 37, S598-S603.	3.1	7
5	Liner malseating is rare with two modular dual-mobility designs. <i>Bone and Joint Journal</i> , 2022, 104-B, 598-603.	4.4	8
6	Addressing intraarticular pathology at the time of anteverting periacetabular osteotomy for acetabular retroversion is associated with better short-term patient-reported outcomes. <i>Journal of Hip Preservation Surgery</i> , 2021, 8, 90-104.	1.3	4
7	Incidence of Hip Dysplasia Diagnosis in Young Patients With Hip Pain: A Geographic Population Cohort Analysis. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712198908.	1.7	12
8	Midterm Results of Primary Exeter Cemented Stem in a Select Patient Population. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1826-1833.	3.0	8
9	Increased risk of periprosthetic joint infection after acute, traumatic wound dehiscence following primary total knee arthroplasty. <i>Bone and Joint Journal</i> , 2021, 103-B, 191-195.	4.4	6
10	Costs of open, arthroscopic and combined surgery for developmental dysplasia of the hip. <i>Journal of Hip Preservation Surgery</i> , 2021, 7, 570-574.	1.3	6
11	TÄ¶nnis Grade 1 dysplastic hips have improved patient-reported outcome scores when intraarticular pathology is treated during periacetabular osteotomy. <i>Journal of Hip Preservation Surgery</i> , 2021, 8, 282-292.	1.3	2
12	Response to Letter to the Editor on "Cobalt and Chromium Ion Release in Metal-on-Polyethylene and Ceramic-on-Polyethylene THA: A Simulator Study With Cellular and Microbiological Correlations": <i>Journal of Arthroplasty</i> , 2020, 35, 1167.	3.1	0
13	Cobalt and Chromium Ion Release in Metal-on-Polyethylene and Ceramic-on-Polyethylene THA: A Simulator Study With Cellular and Microbiological Correlations. <i>Journal of Arthroplasty</i> , 2020, 35, 1123-1129.	3.1	15
14	Hitting the Target: Natural History of the Hip Based on Achieving an Acetabular Safe Zone Following Periacetabular Osteotomy. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1734-1740.	3.0	27
15	Lack of Bone-on-Bone Arthritis Is Not a Strict Contraindication for Mobile-Bearing Unicompartamental Knee Arthroplasty. <i>JBJS Open Access</i> , 2020, 5, e19.00058-e19.00058.	1.5	2
16	Cement-In-Cement All-Polyethylene Tibial Revision. <i>JBJS Case Connector</i> , 2020, 10, e20.00260-e20.00260.	0.3	0
17	More Predictable Return of Motor Function with Mepivacaine Versus Bupivacaine Spinal Anesthetic in Total Hip and Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1609-1615.	3.0	29
18	Surgical Treatment of Femoroacetabular Impingement: Hip Arthroscopy Versus Surgical Hip Dislocation. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 51-58.	3.0	25

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19	Total Hip Arthroplasty in Patients With Osteogenesis Imperfecta. <i>Journal of Arthroplasty</i> , 2020, 35, 2131-2135.	3.1	6
20	Unicompartmental knee arthroplasty over total knee arthroplasty: a more cost-effective strategy for treating medial compartment arthritis. <i>Annals of Translational Medicine</i> , 2020, 8, 510-510.	1.7	4
21	Outcomes of a technique combining diaphyseal impaction grafting and metaphyseal cones for severe bone loss in revision total knee arthroplasty. <i>Bone and Joint Journal</i> , 2020, 102-B, 116-122.	4.4	23
22	Tripolar Articulations as a "High Stability Bearing" for Revision Total Hip Arthroplasty: Success Rates and Risk Factors for Failure. <i>Journal of Arthroplasty</i> , 2020, 35, 2188-2194.	3.1	3
23	Intravenous Tranexamic Acid Safely and Effectively Reduces Transfusion Rates in Revision Total Knee Arthroplasties. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 381-387.	3.0	11
24	Two-stage arthrodesis for complex, failed, infected total knee arthroplasty. <i>Bone and Joint Journal</i> , 2020, 102-B, 170-175.	4.4	14
25	Abductor Deficiency-Induced Recurrent Instability After Total Hip Arthroplasty. <i>JBJS Reviews</i> , 2020, 8, e0164-e0164.	2.0	24
26	Prospective evaluation of lateral femoral cutaneous nerve injuries during periacetabular osteotomy. <i>Journal of Hip Preservation Surgery</i> , 2019, 6, 77-85.	1.3	14
27	Conversion of Failed Hemiarthroplasty to Total Hip Arthroplasty Remains High Risk for Subsequent Complications. <i>Journal of Arthroplasty</i> , 2019, 34, 2030-2036.	3.1	8
28	Clinical spectrum of neuropathy after primary total knee arthroplasty: A series of 54 cases. <i>Muscle and Nerve</i> , 2019, 59, 679-682.	2.2	9
29	Single-Dose Perioperative Antibiotics Do Not Increase the Risk of Surgical Site Infection in Unicompartmental Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2019, 34, S327-S330.	3.1	10
30	The Addition of Hip Arthroscopy to Periacetabular Osteotomy Does Not Increase Complication Rates: A Prospective Case Series. <i>American Journal of Sports Medicine</i> , 2019, 47, 543-551.	4.2	40
31	The Lawrence D. Dorr Surgical Techniques & Technologies Award: Why Are Contemporary Revision Total Hip Arthroplasties Failing? An Analysis of 2500 Cases. <i>Journal of Arthroplasty</i> , 2019, 34, S11-S16.	3.1	47
32	Contemporary Revision Total Knee Arthroplasty in Patients Younger Than 50 Years: 1 in 3 Risk of Re-Revision by 10 Years. <i>Journal of Arthroplasty</i> , 2019, 34, S266-S270.	3.1	27
33	Constrained Liner Revision Is Less Effective With Each Subsequent Constrained Liner Revision at Preventing Instability. <i>Journal of Arthroplasty</i> , 2019, 34, S282-S286.	3.1	5
34	Reliable outcomes and survivorship of primary total knee arthroplasty for osteonecrosis of the knee. <i>Bone and Joint Journal</i> , 2019, 101-B, 1356-1361.	4.4	11
35	Total Hip Arthroplasty in Patients with Spasticity. <i>JBJS Reviews</i> , 2019, 7, e10-e10.	2.0	1
36	Natural History of the Dysplastic Hip Following Modern Periacetabular Osteotomy. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 932-938.	3.0	61

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37	Long-Term Survivorship of Total Hip Arthroplasty with Highly Cross-Linked Polyethylene for Osteonecrosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 1563-1568.	3.0	38
38	Sonication Culture of Antimicrobial Agent-Containing Cement Spacers Removed during Staged Revisions for Arthroplasty Infection. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	4
39	Total Knee Arthroplasty Is Safe and Successful in Patients With Klippel-Tränaunay Syndrome. <i>Journal of Arthroplasty</i> , 2019, 34, 682-685.	3.1	9
40	High Rate of Positive Cultures in Patients Referred With Antibiotic Spacers as Part of 2-Stage Exchange. <i>Journal of Arthroplasty</i> , 2018, 33, 2230-2233.	3.1	5
41	Contribution of the Ligamentum Teres to Hip Stability in the Presence of an Intact Capsule: A Cadaveric Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 1480-1487.	2.7	16
42	Acetabular Focal Chondral Lesions Are Not Associated With Worse Outcomes After Periacetabular Osteotomy: A Matched Group Analyses. <i>Journal of Arthroplasty</i> , 2018, 33, S61-S65.	3.1	3
43	Cementation of a Dual Mobility Construct in Recurrently Dislocating and High Risk Patients Undergoing Revision Total Arthroplasty. <i>Journal of Arthroplasty</i> , 2018, 33, 1501-1506.	3.1	42
44	Intravenous Versus Topical Tranexamic Acid in Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1023-1029.	3.0	72
45	Modern Surgical Treatment of Recurrent Posterior Dislocation of the Native Hip. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1056-1063.	3.0	9
46	Arthroscopy and arthrotomy to address intra-articular pathology during PAO for hip dysplasia demonstrates similar short-term outcomes. <i>Journal of Hip Preservation Surgery</i> , 2018, 5, 282-295.	1.3	12
47	The John Charnley Award: Redefining the Natural History of Osteoarthritis in Patients With Hip Dysplasia and Impingement. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 336-350.	1.5	191
48	Unicompartmental Knee Arthroplasty vs Total Knee Arthroplasty for Medial Compartment Arthritis in Patients Older Than 75 Years: Comparable Reoperation, Revision, and Complication Rates. <i>Journal of Arthroplasty</i> , 2017, 32, 1792-1797.	3.1	141
49	Construct Rigidity: Keystone for Treating Pelvic Discontinuity. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, e43.	3.0	38
50	Minimum Five-Year Outcomes with Porous Tantalum Acetabular Cup and Augment Construct in Complex Revision Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, e49.	3.0	87
51	The Utility of Metal Ion Trends in Predicting Revision in Metal-on-Metal Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, S214-S219.	3.1	20
52	Iliopsoas Impingement After Primary Total Hip Arthroplasty: Operative and Nonoperative Treatment Outcomes. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 557-564.	3.0	94
53	The Rate of Acute Kidney Injury After Total Hip Arthroplasty Is Low but Increases Significantly in Patients with Specific Comorbidities. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 1819-1826.	3.0	27
54	Characterizing the Diagnosis and Treatment of Allergic Contact Dermatitis to 2-Octyl Cyanoacrylate Used for Skin Closure in Elective Orthopedic Surgery. <i>Journal of Arthroplasty</i> , 2017, 32, 3742-3747.	3.1	44

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55	Reply to the Letter to the Editor: The Chitranjan Ranawat Award: Running Subcuticular Closure Enables the Most Robust Perfusion After TKA: A Randomized Clinical Trial. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 2343-2345.	1.5	0
56	Ipsilateral femoral head osteochondral transfers for osteochondral defects of the femoral head. <i>Journal of Hip Preservation Surgery</i> , 2017, 4, 231-239.	1.3	13
57	Cam Deformities and Limited Hip Range of Motion Are Associated With Early Osteoarthritic Changes in Adolescent Athletes: A Prospective Matched Cohort Study. <i>American Journal of Sports Medicine</i> , 2017, 45, 3036-3043.	4.2	82
58	Structural Allograft Supporting a Trabecular Metal Cup Provides Durable Results in Complex Revision Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 3488-3494.	3.1	14
59	Is Selectively Not Resurfacing the Patella an Acceptable Practice in Primary Total Knee Arthroplasty?. <i>Journal of Arthroplasty</i> , 2017, 32, 1143-1147.	3.1	25
60	Satisfactory Results of the Exeter Revision Femoral Stem Used for Primary Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2017, 32, 494-498.	3.1	4
61	Successful Outcomes at Midterm Follow-up of Periacetabular Osteotomy Done for Mild Hip Dysplasia. <i>The Journal of Hip Surgery</i> , 2017, 01, 167-172.	0.1	3
62	Increased Risk of Postoperative Complications After Total Knee Arthroplasty in Patients With Previous Patellectomy. <i>Journal of Arthroplasty</i> , 2016, 31, 2278-2281.	3.1	3
63	Does Prior Surgery for Femoroacetabular Impingement Compromise Hip Arthroplasty Outcomes?. <i>Journal of Arthroplasty</i> , 2016, 31, 1899-1903.	3.1	22
64	High Failure Rate of Modular Exchange With a Specific Design of a Constrained Liner in High-Risk Patients Undergoing Revision Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 1963-1969.	3.1	34
65	Competing Risk of Death When Comparing Tibial Implant Types in Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 591-596.	3.0	13
66	Femoral Morphology in Patients Undergoing Periacetabular Osteotomy for Classic or Borderline Acetabular Dysplasia: Are Cam Deformities Common?. <i>Journal of Arthroplasty</i> , 2016, 31, 259-263.	3.1	19
67	AAHKS Symposium: State-of-the-Art Management of Tough and Unsolved Problems in Hip and Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 7-15.	3.1	8
68	In Reply: Tranexamic Acid Benefits Total Joint Arthroplasty Patients Regardless of Preoperative Hemoglobin Value. <i>Journal of Arthroplasty</i> , 2016, 31, 1128-1130.	3.1	13
69	Avoiding Hip Instability and Limb Length Discrepancy After Total Hip Arthroplasty. <i>Orthopedic Clinics of North America</i> , 2016, 47, 327-334.	1.2	35
70	Instability After Total Knee Arthroplasty. <i>Orthopedic Clinics of North America</i> , 2016, 47, 311-316.	1.2	54
71	No Increased Risk of Knee Arthroplasty Failure in Patients With Positive Skin Patch Testing for Metal Hypersensitivity: A Matched Cohort Study. <i>Journal of Arthroplasty</i> , 2016, 31, 1717-1721.	3.1	65
72	Midterm Outcomes of Reverse (Anteverting) Periacetabular Osteotomy in Patients With Hip Impingement Secondary to Acetabular Retroversion. <i>American Journal of Sports Medicine</i> , 2016, 44, 672-676.	4.2	45

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73	Bilateral pelvic discontinuity: a unique condition characterized by high failure rates of current treatment. <i>Arthroplasty Today</i> , 2016, 2, 183-186.	1.6	5
74	Preoperative Radiographic Evaluation of Patients With Pelvic Discontinuity. <i>Journal of Arthroplasty</i> , 2016, 31, 1053-1056.	3.1	15
75	Factors Associated With 20-Year Cumulative Risk of Infection After Aseptic Index Revision Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2016, 31, 872-877.	3.1	24
76	Is Local Infiltration Analgesia Superior to Peripheral Nerve Blockade for Pain Management After THA: A Network Meta-analysis. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 495-516.	1.5	70
77	Decreased Osteogenic Activity of Mesenchymal Stem Cells in Patients With Corticosteroid-Induced Osteonecrosis of the Femoral Head. <i>Journal of Arthroplasty</i> , 2016, 31, 893-898.	3.1	87
78	Posttraumatic Total Knee Arthroplasty Continues to Have Worse Outcome Than Total Knee Arthroplasty for Osteoarthritis. <i>Journal of Arthroplasty</i> , 2016, 31, 118-123.	3.1	41
79	Cardiac cobaltism: a rare complication after bilateral metal-on-metal total hip arthroplasty. <i>Arthroplasty Today</i> , 2015, 1, 99-102.	1.6	28
80	The Cumulative Risk of Re-dislocation After Revision THA Performed for Instability Increases Close to 35% at 15years. <i>Journal of Arthroplasty</i> , 2015, 30, 1177-1182.	3.1	71
81	Evidence against implant-derived cobalt toxicity: Case report and retrospective study of serum cobalt concentrations in an orthopedic implant population. <i>Clinical Biochemistry</i> , 2015, 48, 130-134.	1.9	5
82	Similar Clinical Outcomes for THAs With and Without Prior Periacetabular Osteotomy. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 685-691.	1.5	32
83	Patella Fractures Prior to Total Knee Arthroplasty: Worse Outcomes but Equivalent Survivorship. <i>Journal of Arthroplasty</i> , 2015, 30, 2167-2169.	3.1	11
84	Tranexamic Acid Benefits Total Joint Arthroplasty Patients Regardless of Preoperative Hemoglobin Value. <i>Journal of Arthroplasty</i> , 2015, 30, 2098-2101.	3.1	39
85	Use of a Modular Tapered Fluted Femoral Component in Revision Total Hip Arthroplasty Following Resection of a Previously Infected Total Hip: Minimum 5-year Follow-Up. <i>Journal of Arthroplasty</i> , 2015, 30, 435-438.	3.1	11
86	Comparative Survivorship of Different Tibial Designs in Primary Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, e121.	3.0	54
87	Total Knee Arthroplasty After Lower Extremity Amputation: A Review of 13 Cases. <i>Journal of Arthroplasty</i> , 2014, 29, 1590-1593.	3.1	12
88	In Reply: Total Knee Arthroplasty After Lower Extremity Amputation: A Review of 13 Cases. <i>Journal of Arthroplasty</i> , 2014, 29, 2055.	3.1	0
89	No difference in 90-day complications between bilateral unicompartamental and total knee arthroplasty. <i>American Journal of Orthopedics</i> , 2014, 43, E30-3.	0.7	6
90	Restoration of the Hip Center During THA Performed for Protrusio Acetabuli Is Associated With Better Implant Survival. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 3251-3259.	1.5	50

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91	The Fate of Hips That Are Not Prophylactically Pinned After Unilateral Slipped Capital Femoral Epiphysis. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 2124-2131.	1.5	33
92	Aseptic Tibial Debonding as a Cause of Early Failure in a Modern Total Knee Arthroplasty Design. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 94-101.	1.5	83
93	Low Risk of Thromboembolic Complications With Tranexamic Acid After Primary Total Hip and Knee Arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 150-154.	1.5	163
94	The management of acetabular retroversion with reverse periacetabular osteotomy. <i>Instructional Course Lectures</i> , 2013, 62, 305-13.	0.2	13
95	The Shenton Line in the Diagnosis of Acetabular Dysplasia in the Skeletally Mature Patient. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 35-39.	3.0	37
96	Contemporary Cementing Technique and Mortality During and After Exeter Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2009, 24, 325-332.	3.1	62
97	Ischial Spine Projection into the Pelvis. <i>Clinical Orthopaedics and Related Research</i> , 2008, 466, 677-683.	1.5	298
98	Surgical Technique Differences Between Posterior-Substituting and Cruciate-Retaining Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2008, 23, 20-23.	3.1	56
99	A Systematic Approach to the Plain Radiographic Evaluation of the Young Adult Hip. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 47-66.	3.0	1,022
100	The Use of Long Cemented Stems for Femoral Impaction Grafting in Revision Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 1330-1336.	3.0	54
101	Acute triceps ruptures: Case report and retrospective chart review. <i>Journal of Shoulder and Elbow Surgery</i> , 2006, 15, 130-134.	2.6	84
102	Dislocation of Bipolar Hemiarthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2006, 442, 230-238.	1.5	75
103	Dislocation of Primary THA Done through a Posterolateral Approach in the Elderly. <i>Clinical Orthopaedics and Related Research</i> , 2005, 441, 262-267.	1.5	68
104	DISLOCATION RATE AFTER HIP HEMIARTHROPLASTY IN PATIENTS WITH TUMOR-RELATED CONDITIONS. <i>Journal of Bone and Joint Surgery - Series A</i> , 2005, 87, 1810-1815.	3.0	2
105	Reoperations after 3200 revision TKAs: rates, etiology, and lessons learned. <i>Clinical Orthopaedics and Related Research</i> , 2004, , 200-6.	1.5	19
106	ABOVE-THE-KNEE AMPUTATION AFTER A TOTAL KNEE REPLACEMENT. <i>Journal of Bone and Joint Surgery - Series A</i> , 2003, 85, 1000-1004.	3.0	137
107	Conversion of Failed Hip Hemiarthroplasties After Femoral Neck Fractures. <i>Clinical Orthopaedics and Related Research</i> , 2002, 399, 129-139.	1.5	67