

Francesco Traina

List of Publications by Year in descending order

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118
papers

2,225
citations

218677

26
h-index

276875

41
g-index

120
all docs

120
docs citations

120
times ranked

2116
citing authors

#	ARTICLE	IF	CITATIONS
1	Outcomes of metal-on-metal hip arthroplasties surveillance in a tertiary center. <i>Minerva Orthopedics</i> , 2022, 73, .	1.0	0
2	Which stem in total hip arthroplasty for developmental hip dysplasia? A comparative study using 3D CT-based software for pre-operative surgical planning. <i>Journal of Orthopaedics and Traumatology</i> , 2022, 23, .	2.3	5
3	Ceramic-on-Ceramic Total Hip Arthroplasty with Large Diameter Heads: A Systematic Review. <i>Medical Principles and Practice</i> , 2021, 30, 29-36.	2.4	9
4	A new Ag-nanostructured hydroxyapatite porous scaffold: Antibacterial effect and cytotoxicity study. <i>Materials Science and Engineering C</i> , 2021, 118, 111394.	7.3	61
5	Revisions for Periprosthetic Hip Infections Do Not Fail More Than Revisions for Aseptic Loosening, but Mortality is Higher. <i>Journal of Arthroplasty</i> , 2021, 36, 1074-1079.	3.1	6
6	Isolated acetabular revisions of articular surface replacement (ASR) XL implants with highly porous titanium cups and Delta bearings. <i>HIP International</i> , 2021, 31, 250-257.	1.7	3
7	Arthroscopic tendon release for iliopsoas impingement after primary total hip arthroplasty: a retrospective, consecutive series. <i>HIP International</i> , 2021, 31, 125-132.	1.7	11
8	Are powder-technology-built stems safe? A midterm follow-up registry study. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 10.	3.6	3
9	Cementless ceramic-on-ceramic total hip arthroplasty in post-traumatic osteoarthritis after acetabular fracture: long-term results. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 683-691.	2.4	10
10	Antimicrobial Effect and Cytotoxic Evaluation of Mg-Doped Hydroxyapatite Functionalized with Au-Nano Rods. <i>Molecules</i> , 2021, 26, 1099.	3.8	20
11	Measuring stem anteversion after total hip arthroplasty: posterior condylar tangent versus transepicondylar axis. <i>Skeletal Radiology</i> , 2021, 50, 1775-1779.	2.0	2
12	Clinical and radiological outcomes of total hip arthroplasty in patients affected by Paget's disease: a combined registry and single-institution retrospective observational study. <i>Journal of Orthopaedics and Traumatology</i> , 2021, 22, 13.	2.3	6
13	Platelet-Rich Plasma Combined with Hyaluronic Acid versus Leucocyte and Platelet-Rich Plasma in the Conservative Treatment of Knee Osteoarthritis. A Retrospective Study. <i>Medicina (Lithuania)</i> , 2021, 57, 232.	2.0	13
14	Off-the-shelf 3D printed titanium cups in primary total hip arthroplasty. <i>World Journal of Orthopedics</i> , 2021, 12, 376-385.	1.8	4
15	Survival rates and reasons for revision of different stem designs in total hip arthroplasty for developmental dysplasia: a regional registry study. <i>Journal of Orthopaedics and Traumatology</i> , 2021, 22, 29.	2.3	11
16	Cementless Ceramic-on-Ceramic Total Hip Replacement in Children and Adolescents. <i>Children</i> , 2021, 8, 858.	1.5	3
17	The influence of bearing surfaces on revisions due to dislocations in total hip arthroplasty. <i>Journal of Materials Science: Materials in Medicine</i> , 2021, 32, 123.	3.6	5
18	Dual-Functional Nano-Functionalized Titanium Scaffolds to Inhibit Bacterial Growth and Enhance Osteointegration. <i>Nanomaterials</i> , 2021, 11, 2634.	4.1	14

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19	Isolated arthroscopic treatment of intra-articular pathologies in mild hip dysplasia: a short-term case control study. <i>Journal of Experimental Orthopaedics</i> , 2021, 8, 112.	1.8	1
20	Au, Pd and maghemite nanofunctionalized hydroxyapatite scaffolds for bone regeneration. <i>International Journal of Energy Production and Management</i> , 2020, 7, 461-469.	3.7	28
21	Effect of cup medialization on primary stability of press-fit acetabular cups. <i>Clinical Biomechanics</i> , 2020, 80, 105172.	1.2	1
22	Response to "Letter to the editor: Labral calcification plays a key role in hip pain and symptoms in femoroacetabular impingement". <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 274.	2.3	0
23	Metal on metal hip arthroplasty surveillance at a tertiary centre: design, patients' adherence, and cost analysis. <i>International Orthopaedics</i> , 2020, 44, 1943-1949.	1.9	2
24	Primary Stability of Revision Acetabular Reconstructions Using an Innovative Bone Graft Substitute: A Comparative Biomechanical Study on Cadaveric Pelvises. <i>Materials</i> , 2020, 13, 4312.	2.9	3
25	Labral calcification plays a key role in hip pain and symptoms in femoroacetabular impingement. <i>Journal of Orthopaedic Surgery and Research</i> , 2020, 15, 86.	2.3	16
26	Mixed ceramic combinations in primary total hip arthroplasty achieved reassuring mid-to-longterm outcomes. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 56.	3.6	6
27	Tendon Extracellular Matrix Remodeling and Defective Cell Polarization in the Presence of Collagen VI Mutations. <i>Cells</i> , 2020, 9, 409.	4.1	12
28	Letter to the Editor on "Highly Porous Titanium Acetabular Components in Primary and Revision Total Hip Arthroplasty: A Systematic Review". <i>Journal of Arthroplasty</i> , 2020, 35, 2302-2303.	3.1	2
29	Quantitative assessment of acetabular bone defects: A study of 50 computed tomography data sets. <i>PLoS ONE</i> , 2019, 14, e0222511.	2.5	12
30	Effect of different motor tasks on hip cup primary stability and on the strains in the periacetabular bone: An in vitro study. <i>Clinical Biomechanics</i> , 2019, 70, 137-145.	1.2	6
31	Conservative Treatment of Spondylodiscitis: Possible Therapeutic Solution in Case of Failure of Standard Therapy. <i>Medicinski Arhiv = Medical Archives = Archives De Médecine</i> , 2019, 73, 39.	0.9	3
32	A reliable in vitro approach to assess the stability of acetabular implants using digital image correlation. <i>Strain</i> , 2019, 55, e12318.	2.4	7
33	Delta-on-Delta Ceramic Bearing Surfaces in Revision Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2019, 34, 2065-2071.	3.1	9
34	Highly Porous Titanium Cups versus Hydroxyapatite-Coated Sockets: Midterm Results in Metachronous Bilateral Total Hip Arthroplasty. <i>Medical Principles and Practice</i> , 2019, 28, 559-565.	2.4	9
35	Ti-6Al-4V ELI microlattice structures manufactured by electron beam melting: Effect of unit cell dimensions and morphology on mechanical behaviour. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 753, 31-41.	5.6	52
36	Surgical correction in AIS. <i>European Spine Journal</i> , 2019, 28, 6-8.	2.2	4

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37	One-stage release by double surgical approach for neglected congenital vertical talus: results in a series of walking children in Tanzania. <i>Journal of Pediatric Orthopaedics Part B</i> , 2019, 28, 586-590.	0.6	4
38	Method for quantitative assessment of acetabular bone defects. <i>Journal of Orthopaedic Research</i> , 2019, 37, 181-189.	2.3	22
39	Surgical treatment of stage II posterior tibialis tendon dysfunction: ten-year clinical and radiographic results. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2018, 28, 139-145.	1.4	18
40	Standardization of hemipelvis alignment for in vitro biomechanical testing. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1645-1652.	2.3	15
41	Surgical correction of double major adolescent idiopathic scoliosis. <i>European Spine Journal</i> , 2018, 27, 571-573.	2.2	2
42	Spino-pelvic balance and surgical treatment of L5â€“S1 isthmic spondylolisthesis. <i>European Spine Journal</i> , 2018, 27, 574-576.	2.2	3
43	Saphenous nerve injury during hamstring tendons harvest: Does the incision matter? A systematic review. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 3140-3145.	4.2	35
44	Effect of different postoperative flexion regimes on the outcomes of total knee arthroplasty: randomized controlled trial. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 2972-2977.	4.2	8
45	Temperature-Controlled Continuous Cold Flow Device after Total Knee Arthroplasty: A Randomized Controlled Trial Study. <i>Journal of Knee Surgery</i> , 2017, 30, 675-681.	1.6	22
46	Prenatal Diagnosis of Clubfoot: A Review of Current Available Methodology. <i>Folia Medica</i> , 2017, 59, 247-253.	0.5	17
47	Single level anterior cervical discectomy and interbody fusion. <i>European Spine Journal</i> , 2017, 26, 423-424.	2.2	3
48	Surgical tricks for open lumbar discectomy. <i>European Spine Journal</i> , 2017, 26, 425-426.	2.2	2
49	Transforaminal lumbar interbody fusion. <i>European Spine Journal</i> , 2017, 26, 429-430.	2.2	6
50	Outcomes of Total Hip Replacement in Limbs Affected by Poliomyelitis. <i>HIP International</i> , 2017, 27, 198-204.	1.7	9
51	Two-stage surgical treatment for septic non-union of the forearm. <i>World Journal of Orthopedics</i> , 2017, 8, 471.	1.8	4
52	Tendon Extracellular Matrix Alterations in Ullrich Congenital Muscular Dystrophy. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 131.	3.4	10
53	Surgical treatment of neglected congenital idiopathic talipes equinovarus after walking age in Eritrea: an Italo-Eritrean cooperation. <i>Musculoskeletal Surgery</i> , 2016, 100, 133-137.	1.5	6
54	Collagen VIâ€“NG2 axis in human tendon fibroblasts under conditions mimicking injury response. <i>Matrix Biology</i> , 2016, 55, 90-105.	3.6	33

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55	Congenital idiopathic talipes equinovarus before and after walking age: observations and strategy of treatment from a series of 88 cases. <i>Journal of Orthopaedics and Traumatology</i> , 2016, 17, 81-87.	2.3	15
56	Anterior minimally invasive subcapital osteotomy without hip dislocation for slipped capital femoral epiphysis. <i>International Orthopaedics</i> , 2016, 40, 1615-1623.	1.9	6
57	Surgical treatment of hallux valgus associated with flexible flatfoot during growing age. <i>International Orthopaedics</i> , 2016, 40, 737-743.	1.9	23
58	Marchetti Vicenzi elastic retrograde nail in the treatment of humeral shaft fractures: review of the current literature. <i>Musculoskeletal Surgery</i> , 2015, 99, 201-209.	1.5	9
59	Long vs. short fusions for adult lumbar degenerative scoliosis: does balance matters?. <i>European Spine Journal</i> , 2015, 24, 887-892.	2.2	27
60	Preservation of hamstring tibial insertion in anterior cruciate ligament reconstruction: a review of the current literature. <i>Musculoskeletal Surgery</i> , 2015, 99, 87-92.	1.5	18
61	Current Concepts in the Biopsy of Musculoskeletal Tumors. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, e7.	3.0	122
62	Surgical Treatment of Cavus Foot in Charcot-Marie-Tooth Disease: A Review of Twenty-four Cases. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, e30.	3.0	39
63	Surgical treatment of aseptic forearm nonunion with plate and opposite bone graft strut. Autograft or allograft?. <i>International Orthopaedics</i> , 2015, 39, 1343-1349.	1.9	22
64	Does surgery for Scheuermann kyphosis influence sagittal spinopelvic parameters?. <i>European Spine Journal</i> , 2015, 24, 893-897.	2.2	16
65	Post-operative limb position can influence blood loss and range of motion after total knee arthroplasty: a systematic review. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 852-859.	4.2	24
66	Corticosteroid Treatment Impact on Spinal Deformity in Duchenne Muscular Dystrophy. <i>International Scholarly Research Notices</i> , 2014, 2014, 1-9.	0.9	5
67	Effect of Mechanical Strain on the Collagen VI Pericellular Matrix in Anterior Cruciate Ligament Fibroblasts. <i>Journal of Cellular Physiology</i> , 2014, 229, 878-886.	4.1	13
68	Can Selective Soft Tissue Release and Cuboid Osteotomy Correct Neglected Clubfoot?. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 2658-2665.	1.5	12
69	Uncemented Primary Total Hip Arthroplasty, Presentation of Pain, and Expression of Osteonectin. <i>Artificial Organs</i> , 2013, 37, 561-566.	1.9	1
70	Fracture of Ceramic Bearing Surfaces following Total Hip Replacement: A Systematic Review. <i>BioMed Research International</i> , 2013, 2013, 1-8.	1.9	95
71	Periprosthetic Femoral Fractures: Treatments and Outcomes. An Analysis of 47 Cases. <i>HIP International</i> , 2013, 23, 380-385.	1.7	6
72	Current Concepts in the Biopsy of Musculoskeletal Tumors. <i>Scientific World Journal</i> , The, 2013, 2013, 1-7.	2.1	52

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73	Risk Factors for Ceramic Liner Fracture after Total Hip Arthroplasty. <i>HIP International</i> , 2012, 22, 607-614.	1.7	52
74	Alumina-on-alumina hip implants. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2012, 94-B, 37-42.	3.4	29
75	Monocyte Chemoattractant Protein 1 Expression in Synovial Fluid of Patients With Total Hip Arthroplasty. <i>Artificial Organs</i> , 2012, 36, 487-491.	1.9	3
76	Synovial fluid microanalysis allows early diagnosis of ceramic hip prosthesis damage. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1312-1320.	2.3	19
77	Raman and fluorescence investigations on retrieved BioloX [®] Δ femoral heads. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1868-1876.	2.5	16
78	Outcomes of total hip replacement in patients with slipped capital femoral epiphysis. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012, 132, 1133-1139.	2.4	11
79	Dependence of trabecular structure on bone quantity: A comparison between osteoarthritic and non-pathological bone. <i>Clinical Biomechanics</i> , 2011, 26, 632-639.	1.2	11
80	Wear of Metal-on-Metal Hip Bearings: Metallurgical Considerations after Hip Simulator Studies. <i>International Journal of Artificial Organs</i> , 2011, 34, 1155-1164.	1.4	13
81	Microseparation and Stripe Wear in Alumina-On-Alumina Hip Implants. <i>International Journal of Artificial Organs</i> , 2011, 34, 506-512.	1.4	31
82	Unexpected Prevalence of Arthritis in Women's Right Hip. <i>Artificial Organs</i> , 2011, 35, 972-972.	1.9	0
83	Re-use of explanted osteosynthesis devices: A reliable and inexpensive reprocessing protocol. <i>Injury</i> , 2011, 42, 1101-1106.	1.7	10
84	Modular neck prostheses in DDH patients: 11-year results. <i>Journal of Orthopaedic Science</i> , 2011, 16, 14-20.	1.1	43
85	Failure of knee osteotomy in a case of neuropathic arthropathy of the knee. <i>Journal of Orthopaedics and Traumatology</i> , 2011, 12, 107-110.	2.3	3
86	Revision of Ceramic Hip Replacements for Fracture of a Ceramic Component. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, e147(1)-e147(9).	3.0	51
87	Long-Term Results of Total Hip Replacement in Patients with Legg-Calv [©] -Perthes Disease. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, e25.	3.0	24
88	Patient Weight more than Body Mass Index Influences Total Hip Arthroplasty Long Term Survival. <i>HIP International</i> , 2011, 21, 694-699.	1.7	16
89	A Reproducible and Inexpensive Method of Measuring Hip Abductor Strength. <i>HIP International</i> , 2010, 20, 512-517.	1.7	5
90	Ceramic [©] On [©] Metal for Total Hip Replacement: Mixing and Matching Can Lead to High Wear. <i>Artificial Organs</i> , 2010, 34, 319-323.	1.9	31

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91	Sex Differences in Hip Morphology: Is Stem Modularity Effective for Total Hip Replacement?. Journal of Bone and Joint Surgery - Series A, 2009, 91, 121-128.	3.0	75
92	Mixing and matching in ceramic-on-metal hip arthroplasty: An in-vitro hip simulator study. Journal of Biomechanics, 2009, 42, 2439-2446.	2.1	32
93	Medical Malpractice: The Experience in Italy. Clinical Orthopaedics and Related Research, 2009, 467, 434-442.	1.5	64
94	Acetabular transverse nonunion treated by a hemispherical press-fit cup and structural autologous bone graft. Musculoskeletal Surgery, 2009, 93, 171-173.	1.5	0
95	Outcome of hybrid stem fixation in osteoporotic female patients. A minimum five-year follow-up study. International Orthopaedics, 2009, 33, 1489-1494.	1.9	1
96	The influence of the centre of rotation on implant survival using a modular stem hip prosthesis. International Orthopaedics, 2009, 33, 1513-1518.	1.9	65
97	Is Laterality Associated With a Higher Rate of Hip Arthroplasty on the Dominant Side?. Artificial Organs, 2008, 32, 73-77.	1.9	8
98	Charcot's joint secondary to neurologic complications of epidural anaesthesia: a case report. La Chirurgia Degli Organi Di Movimento, 2008, 91, 159-162.	0.2	2
99	Brucella infection in total knee arthroplasty. Case report and revision of the literature. La Chirurgia Degli Organi Di Movimento, 2008, 92, 55-59.	0.2	9
100	Anterolateral soft tissue sparing approach to the hip. Surgical technique. La Chirurgia Degli Organi Di Movimento, 2008, 92, 23-27.	0.2	5
101	Total hip arthroplasty in dwarfism. A case report. La Chirurgia Degli Organi Di Movimento, 2008, 92, 67-69.	0.2	7
102	Bilateral total hip arthroplasty in Morquio-Brailsford's Syndrome: a report of two cases. La Chirurgia Degli Organi Di Movimento, 2008, 92, 123-126.	0.2	10
103	Can the rasp be used to predict intra-operatively the primary stability that can be achieved by press-fitting the stem in cementless hip arthroplasty?. Clinical Biomechanics, 2008, 23, 408-414.	1.2	9
104	Safety of Pregnancy and Delivery after Total Hip Arthroplasty. Journal of Women's Health, 2007, 16, 1300-1304.	3.3	16
105	The Significance of Metal Staining on Alumina Femoral Heads in Total Hip Arthroplasty. Journal of Arthroplasty, 2007, 22, 14-19.	3.1	34
106	Partially cemented AncaDualFit hip stems do not fail in simulated active patients. Clinical Biomechanics, 2007, 22, 191-202.	1.2	6
107	MicroCT examination of human bone specimens: effects of polymethylmethacrylate embedding on structural parameters. Journal of Microscopy, 2007, 225, 192-200.	1.8	62
108	Modular Hip Stems: Determination of Disassembly Force of a Neck-Stem Coupling. Artificial Organs, 2007, 31, 166-170.	1.9	24

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109	Comparative study of different tendon grasping techniques for arthroscopic repair of the rotator cuff. <i>Clinical Biomechanics</i> , 2006, 21, 799-803.	1.2	40
110	Intraosseous Glomus Tumor of the Ankle: A Case Report and Review of the Literature. <i>Foot and Ankle International</i> , 2006, 27, 1148-1151.	2.3	8
111	Stem Damage During Implantation of Modular Hip Prostheses. <i>Artificial Organs</i> , 2006, 30, 564-567.	1.9	7
112	Early Diagnosis of Ceramic Liner Fracture. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 55-63.	3.0	168
113	EARLY DIAGNOSIS OF CERAMIC LINER FRACTURE. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 55-63.	3.0	22
114	Structural allograft and primary press-fit cup for severe acetabular deficiency. <i>International Orthopaedics</i> , 2005, 29, 135-139.	1.9	12
115	New aspects and approaches in pre-operative planning of hip reconstruction: a computer simulation. <i>Langenbeck's Archives of Surgery</i> , 2004, 389, 400-404.	1.9	18
116	Effect of the initial implant fitting on the predicted secondary stability of a cementless stem. <i>Medical and Biological Engineering and Computing</i> , 2004, 42, 222-229.	2.8	31
117	The influence of implant position on the wear of alumina-on-alumina studied in a hip simulator. <i>Wear</i> , 2004, 256, 400-405.	3.1	31
118	Lost to follow-up in a hip prosthesis register: Experience of R.I.P.O.. <i>Acta Orthopaedica</i> , 2002, 73, 49-53.	1.4	8