

Alessandro Bistolfi

List of Publications by Year in descending order

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77
papers

1,739
citations

331259

21
h-index

301761

39
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79
all docs

79
docs citations

79
times ranked

1957
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiotic-Loaded Cement in Orthopedic Surgery: A Review. <i>ISRN Orthopedics</i> , 2011, 2011, 1-8.	0.7	149
2	UHMWPE for arthroplasty: past or future?. <i>Journal of Orthopaedics and Traumatology</i> , 2009, 10, 1-8.	1.0	147
3	Arthroscopic Treatment of Hip Chondral Defects: Autologous Chondrocyte Transplantation Versus Simple Debridement—A Pilot Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2012, 28, 322-329.	1.3	144
4	Ultra-High Molecular Weight Polyethylene: Influence of the Chemical, Physical and Mechanical Properties on the Wear Behavior. A Review. <i>Materials</i> , 2017, 10, 791.	1.3	144
5	The combined effects of crosslinking and high crystallinity on the microstructural and mechanical properties of ultra high molecular weight polyethylene. <i>Biomaterials</i> , 2006, 27, 1688-1694.	5.7	102
6	PMMA-Based Bone Cements and the Problem of Joint Arthroplasty Infections: Status and New Perspectives. <i>Materials</i> , 2019, 12, 4002.	1.3	62
7	Concentrated adipose tissue infusion for the treatment of knee osteoarthritis: clinical and histological observations. <i>International Orthopaedics</i> , 2019, 43, 15-23.	0.9	55
8	Patient specific instrumentation in total knee arthroplasty: a state of the art. <i>Annals of Translational Medicine</i> , 2016, 4, 126-126.	0.7	53
9	Osteoporotic vertebral fractures: predictive factors for conservative treatment failure. A systematic review. <i>European Spine Journal</i> , 2018, 27, 2565-2576.	1.0	51
10	Ultra-high molecular weight polyethylene (UHMWPE) for hip and knee arthroplasty: The present and the future. <i>Journal of Orthopaedics</i> , 2021, 25, 98-106.	0.6	48
11	Vitamin E blended Uhmwpe may have the potential to reduce bacterial adhesive ability. <i>Journal of Orthopaedic Research</i> , 2011, 29, 1662-1667.	1.2	45
12	Dislocation Rate after Hip Arthroplasty within the First Postoperative Year: 36Mm versus 28Mm Femoral Heads. <i>HIP International</i> , 2011, 21, 559-564.	0.9	38
13	Do Crosslinking and Vitamin E Stabilization Influence Microbial Adhesions on UHMWPE-based Biomaterials?. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 974-986.	0.7	38
14	Interplay between surface properties of standard, vitamin E blended and oxidised ultra high molecular weight polyethylene used in total joint replacement and adhesion of <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> . <i>Bone and Joint Journal</i> , 2014, 96-B, 497-501.	1.9	37
15	The relative effects of radiation crosslinking and type of counterface on the wear resistance of ultrahigh-molecular-weight polyethylene. <i>Acta Biomaterialia</i> , 2011, 7, 3398-3403.	4.1	32
16	The presence and influence of mild depressive symptoms on post-operative pain perception following primary total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2017, 25, 2792-2800.	2.3	32
17	Rotating-hinge Total Knee for Revision Total Knee Arthroplasty. <i>Orthopedics</i> , 2012, 35, e325-30.	0.5	32
18	Antibiotic-loaded acrylic bone cements: An in vitro study on the release mechanism and its efficacy. <i>Materials Science and Engineering C</i> , 2013, 33, 3025-3032.	3.8	29

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19	Comparison of Fixed and Mobile-Bearing Total Knee Arthroplasty at a Mean Follow-up of 116 Months. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013, 95, e83-1-7.	1.4	29
20	Cemented fixed-bearing PFC total knee arthroplasty: survival and failure analysis at 12-17 years. <i>Journal of Orthopaedics and Traumatology</i> , 2011, 12, 131-136.	1.0	24
21	Periacetabular Bone Densitometry after Total Hip Arthroplasty with Highly Porous Titanium Cups: A 2-Year Follow-Up Prospective Study. <i>HIP International</i> , 2017, 27, 551-557.	0.9	23
22	Results With 98 Endo-Modell Rotating Hinge Prostheses for Primary Knee Arthroplasty. <i>Orthopedics</i> , 2013, 36, e746-52.	0.5	22
23	Grafting of the peppermint essential oil to a chemically treated Ti6Al4V alloy to counteract the bacterial adhesion. <i>Surface and Coatings Technology</i> , 2019, 378, 125011.	2.2	22
24	Tensile and tribological properties of high crystallinity radiation crosslinked UHMWPE. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2009, 90B, 137-144.	1.6	21
25	Composite Xenohybrid Bovine Bone-Derived Scaffold as Bone Substitute for the Treatment of Tibial Plateau Fractures. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2675.	1.3	21
26	No rest for elderly femur fracture patients: early surgery and early ambulation decrease mortality. <i>Journal of Orthopaedics and Traumatology</i> , 2020, 21, 12.	1.0	18
27	NexGen® LPS mobile bearing total knee arthroplasty: 10-year results. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014, 22, 1786-1792.	2.3	17
28	Evaluation of the Effectiveness of Neuromuscular Electrical Stimulation After Total Knee Arthroplasty. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2018, 97, 123-130.	0.7	17
29	Endo-Modell Rotating-hinge Total Knee for Revision Total Knee Arthroplasty. <i>Orthopedics</i> , 2013, 36, e1299-306.	0.5	17
30	Non-reducible knee dislocation with interposition of the vastus medialis muscle. <i>Journal of Orthopaedics and Traumatology</i> , 2011, 12, 115-118.	1.0	15
31	The biological reaction to polyethylene wear debris can be related with oxidation of the UHMWPE cups. <i>La Chirurgia Degli Organi Di Movimento</i> , 2003, 88, 291-303.	0.2	14
32	In Vitro Comparison between Commercially and Manually Mixed Antibiotic-Loaded Bone Cements. <i>Journal of Applied Biomaterials and Biomechanics</i> , 2010, 8, 166-174.	0.4	13
33	Does metal porosity affect metal ion release in blood and urine following total hip arthroplasty? A short term study. <i>HIP International</i> , 2018, 28, 522-530.	0.9	13
34	Combined Intra- and Extra-Articular Technique in Revision Anterior Cruciate Ligament Reconstruction. <i>Joints</i> , 2017, 05, 156-163.	1.5	12
35	Candida periprosthetic infection of the hip: a systematic review of surgical treatments and clinical outcomes. <i>International Orthopaedics</i> , 2020, 44, 15-22.	0.9	12
36	Comparable results between crosslinked polyethylene and conventional ultra-high molecular weight polyethylene implanted in total knee arthroplasty: systematic review and meta-analysis of randomised clinical trials. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2022, 30, 3120-3130.	2.3	12

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37	Therapeutic Ultrasound in Physical Medicine and Rehabilitation: Characterization and Assessment of Its Physical Effects on Joint-Mimicking Phantoms. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 2743-2748.	0.7	11
38	Pelvic discontinuity in acetabular revisions: does CT scan overestimate it? A comparative study of diagnostic accuracy of 3D-modeling and traditional 3D CT scan. <i>Musculoskeletal Surgery</i> , 2020, 104, 171-177.	0.7	11
39	Surgical treatment of traumatic thoracolumbar fractures: a retrospective review of 101 cases. <i>Musculoskeletal Surgery</i> , 2021, 105, 49-59.	0.7	11
40	All-inside technique in ACL reconstruction: mid-term clinical outcomes and comparison with AM technique (Hamstrings and BpTB grafts). <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2021, 31, 465-472.	0.6	10
41	Treatment of knee osteoarthritis by intra-articular injection of concentrated autologous adipose tissue: a twenty four-month follow-up study. <i>International Orthopaedics</i> , 2021, 45, 627-633.	0.9	9
42	Rehabilitation Protocol After Hip Arthroscopy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2021, 100, 958-965.	0.7	9
43	Ultra High Molecular Weight Polyethylene is Cytotoxic and Causes Oxidative Stress, Even When Modified. <i>International Journal of Immunopathology and Pharmacology</i> , 2011, 24, 61-67.	1.0	8
44	A Radiological Approach to Evaluate Bone Graft Integration in Reconstructive Surgeries. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1469.	1.3	8
45	Functional results of allograft vs. autograft tendons in anterior cruciate ligament (ACL) reconstruction at 10-year follow-up. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2021, 31, 729-735.	0.6	8
46	In vitro comparison between commercially and manually mixed antibiotic-loaded bone cements. <i>Journal of Applied Biomaterials and Biomechanics</i> , 2010, 8, 166-74.	0.4	8
47	Adult Congenital Permanent Bilateral Dislocation of the Patella with Full Knee Function: Case Report and Literature Review. <i>Case Reports in Medicine</i> , 2012, 2012, 1-5.	0.3	7
48	Primary Stability of a PGLA/Polydioxanone Membrane for Potential Autologous Chondrocyte Implantation in the Hip Joint. a Cadaveric Study. <i>HIP International</i> , 2013, 23, 337-342.	0.9	7
49	Is It the Surgeon, the Patient, or the Device? A Comprehensive Clinical and Radiological Evaluation of Factors Influencing Patient Satisfaction in 648 Total Knee Arthroplasties. <i>Journal of Clinical Medicine</i> , 2021, 10, 2599.	1.0	6
50	Tripled semitendinosus with single harvesting is as effective but less invasive compared to standard gracilis-semitendinosus harvesting. <i>Muscles, Ligaments and Tendons Journal</i> , 2019, 07, 564.	0.1	6
51	Can We Predict the Progression of Vertebral Collapse in Conservative Treatment of Osteoporotic Vertebral Fractures? A 3-Year Retrospective Study of 180 Patients From the Emergency Department. <i>International Journal of Spine Surgery</i> , 2020, 14, 641-648.	0.7	6
52	Bioabsorbable implants in foot trauma surgery. <i>Injury</i> , 2019, 50, S47-S55.	0.7	5
53	Histological evaluation of acetabular bone quality during revision hip arthroplasty. <i>HIP International</i> , 2020, 30, 66-71.	0.9	5
54	Ceramic-on-ceramic catastrophic liner failure in total hip arthroplasty: Morphological and compositional analysis of fractured ceramic components. <i>Ceramics International</i> , 2021, 47, 11029-11036.	2.3	5

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55	Management of ceramic component fractures: Can you ensure a safe return?. Seminars in Arthroplasty, 2015, 26, 34-37.	0.3	4
56	Rehabilitation and Physical Therapy before and after Total Knee Arthroplasty: A Literature Review and Unanswered Questions. International Journal of Physical Medicine & Rehabilitation, 2016, 4, .	0.5	4
57	Modular cementless cup for total hip arthroplasty: results at 4-year follow-up. Musculoskeletal Surgery, 2012, 96, 89-94.	0.7	3
58	Ceramic-on-ceramic total hip arthroplasty: A new standard. Seminars in Arthroplasty, 2015, 26, 11-15.	0.3	3
59	Third generation delta ceramic-on-ceramic bearing for total hip arthroplasty at mid-term follow-up. Journal of Orthopaedics, 2020, 22, 397-401.	0.6	3
60	Press fit condylar total knee arthroplasty: radiographic evaluation at a 5-year follow-up. Journal of Orthopaedics and Traumatology, 2002, 3, 157-162.	1.0	2
61	Operative Management of Sciatic Nerve Palsy due to Impingement on the Metal Cage after Total Hip Revision: Case Report. Case Reports in Medicine, 2011, 2011, 1-3.	0.3	2
62	Conservative Treatment of Plantar Fasciitis and Posterior Heel Pain: A Review. International Journal of Physical Medicine & Rehabilitation, 2016, 04, .	0.5	2
63	Total knee arthroplasty after osteotomies around the knee. Annals of Joint, 0, 2, 26-26.	1.0	2
64	Free composite groin flap to solve a complex loss of tissue in a traumatic injury of the foot: A case report. Injury, 2018, 49, S25-S28.	0.7	2
65	Microfragmented Adipose Tissue (M-FATS) for Improved Healing of Surgically Repaired Achilles Tendon Tears: A Preliminary Study. Foot and Ankle Specialist, 2020, , 193864002097455.	0.5	2
66	Bone Loss in Distal Radial Fractures Treated with A Composite Xenohybrid Bone Substitute: A Two Years Follow-Up Retrospective Study. Materials, 2020, 13, 4040.	1.3	2
67	Combined simple elbow dislocation and forearm joint injuries. A systematic review of the literature with injury patterns and current treatment rationale. European Journal of Orthopaedic Surgery and Traumatology, 2021, , 1.	0.6	2
68	Tripled semitendinosus with single harvesting is as effective but less invasive compared to standard gracilis-semitendinosus harvesting. Muscles, Ligaments and Tendons Journal, 2017, 7, 564.	0.1	2
69	Incontinentia pigmenti: a rare pathology with complex rehabilitative aspects. Disability and Rehabilitation, 2014, 36, 1830-1833.	0.9	1
70	Antibiotics and cements for the prevention of biofilm-associated infections. , 2015, , 185-197.		1
71	Unexpected <i>Listeria monocytogenes</i> detection with a dithiothreitol-based device during an aseptic hip revision. Future Microbiology, 2018, 13, 1295-1299.	1.0	1
72	Vitamin C could prevent complex regional pain syndrome type I (CRPS-I) in trauma and orthopedic care? A systematic review of the literature and current findings.. Sisli Etfal Hastanesi Tip Bulteni, 2021, 55, 139-145.	0.1	1

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73	Operating Theatres and Avoidance of Surgical Sepsis. , 2014, , 63-76.		0
74	Hip Tendinopathies. , 2017, , 255-272.		0
75	Early prophylactic intervention: Avoiding or deferring arthroplasty?. Seminars in Arthroplasty, 2018, 29, 124-128.	0.3	0
76	Are we failing in hip protrusio treatment?. Journal of Xiangya Medicine, 0, 2, 33-33.	0.2	0
77	Clinical and functional results of meniscal suture alone or associated with anterior cruciate ligament repair. Minerva Orthopedics, 2017, 68, .	0.1	0