

Leo Massari

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

3,076
citations

172457

29
h-index

189892

50
g-index

123
all docs

123
docs citations

123
times ranked

3328
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of sex and gender on the management of late-stage knee osteoarthritis. <i>Musculoskeletal Surgery</i> , 2022, 106, 457-467.	1.5	7
2	New tip-apex distance and calcar-referenced tip-apex distance cut-offs may be the best predictors for cut-out risk after intramedullary fixation of proximal femur fractures. <i>Scientific Reports</i> , 2022, 12, 357.	3.3	8
3	Hip Replacement after Proximal Femur Failed Osteosynthesis: our experience.. <i>Acta Biomedica</i> , 2022, 93, e2022028.	0.3	1
4	Management of pediatric forearm fractures: what is the best therapeutic choice? A narrative review of the literature. <i>Musculoskeletal Surgery</i> , 2021, 105, 225-234.	1.5	29
5	Validation of the cross-cultural adapted Italian version of the Oxford Elbow Score. <i>JSES International</i> , 2021, 5, 328-333.	1.6	5
6	Atypical periprosthetic femur fracture on an underestimated atypical femoral pattern. A case report. <i>Trauma Case Reports</i> , 2021, 32, 100407.	0.4	3
7	Impact of Covid-19 on surgical activities and personnel: lessons for the future. <i>Minerva Surgery</i> , 2021, , .	0.6	3
8	Operating procedures for electrochemotherapy in bone metastases: Results from a multicenter prospective study on 102 patients. <i>European Journal of Surgical Oncology</i> , 2021, 47, 2609-2617.	1.0	19
9	The "Chauffeur Fracture" Historical Origins of an Often-Forgotten Eponym. <i>Hand</i> , 2020, 15, 252-254.	1.2	6
10	Diagnosis and treatment of melanoma bone metastasis: A multidisciplinary approach. <i>Dermatologic Therapy</i> , 2020, 33, e14193.	1.7	8
11	Arthroscopically-assisted reduction and pinning of a radial neck fracture in a child: a case report and review of the literature. <i>Journal of Medical Case Reports</i> , 2020, 14, 78.	0.8	5
12	Does Capacitively Coupled Electric Fields Stimulation Improve Clinical Outcomes After Instrumented Spinal Fusion? A Multicentered Randomized, Prospective, Double-Blind, Placebo-Controlled Trial. <i>International Journal of Spine Surgery</i> , 2020, 14, 936-943.	1.5	6
13	Pulsed Electromagnetic Field Stimulation of Bone Healing and Joint Preservation: Cellular Mechanisms of Skeletal Response. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2020, 4, e19.00155.	0.7	24
14	Percutaneous fixation and balloon kyphoplasty for the treatment of A3 thoracolumbar fractures. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2019, 10, S163-S167.	1.5	3
15	Below-elbow or above-elbow cast for conservative treatment of extra-articular distal radius fractures with dorsal displacement: a prospective randomized trial. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 477.	2.3	18
16	Biophysical stimulation of bone and cartilage: state of the art and future perspectives. <i>International Orthopaedics</i> , 2019, 43, 539-551.	1.9	87
17	Minimally invasive fixation techniques for thoracolumbar fractures: comparison between percutaneous pedicle screw with intermediate screw (PPSIS) and percutaneous pedicle screw with kyphoplasty (PPSK). <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2018, 28, 849-858.	1.4	12
18	Notch pathway is active during osteogenic differentiation of human bone marrow mesenchymal stem cells induced by pulsed electromagnetic fields. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 304-315.	2.7	69

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19	Spinal Deformities in Romantic Operas. <i>Spine</i> , 2018, 43, 1617-1618.	2.0	2
20	Paraoxonase, arylesterase and lactonase activities of paraoxonase-1 (PON1) in obese and severely obese women. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018, 78, 18-24.	1.2	25
21	Fracture risk assessment in postmenopausal women with diabetes: comparison between DeFRA and FRAX tools. <i>Gynecological Endocrinology</i> , 2018, 34, 404-408.	1.7	20
22	Surgical treatment of periprosthetic femoral fractures: a retrospective study with functional and radiological outcomes from 2010 to 2016. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2018, 28, 931-938.	1.4	15
23	Can Clinical and Surgical Parameters Be Combined to Predict How Long It Will Take a Tibia Fracture to Heal? A Prospective Multicentre Observational Study: The FRACTING Study. <i>BioMed Research International</i> , 2018, 2018, 1-7.	1.9	15
24	Arthroscopic-assisted latissimus dorsi transfer for massive rotator cuff tear: a systematic review. <i>British Medical Bulletin</i> , 2018, 128, 23-35.	6.9	8
25	VDR, RANKL and OPG polymorphisms as possible predisposing cofactors of postmenopausal osteoporosis: explorative study in Italian population. <i>Gynecological Endocrinology</i> , 2017, 33, 937-941.	1.7	3
26	Preoperative Planning for ACL Revision Surgery. <i>Sports Medicine and Arthroscopy Review</i> , 2017, 25, 19-29.	2.3	15
27	Apoptosis and rotator cuff tears: scientific evidence from basic science to clinical findings. <i>British Medical Bulletin</i> , 2017, 122, 123-133.	6.9	21
28	A six-year retrospective analysis of cut-out risk predictors in cephalomedullary nailing for petrochanteric fractures. <i>Bone and Joint Research</i> , 2017, 6, 481-488.	3.6	65
29	Transtendon repair in partial articular supraspinatus tendon tear. <i>British Medical Bulletin</i> , 2017, 123, 19-34.	6.9	17
30	Can TAD and CalTAD predict cut-out after extra-medullary fixation with new generation devices of proximal femoral fractures? A retrospective study. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2017, 8, 68-72.	1.5	7
31	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.	1.7	23
32	Higher Urinary Levels of 8-Hydroxy-2'-deoxyguanosine Are Associated with a Worse RANKL/OPG Ratio in Postmenopausal Women with Osteopenia. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-8.	4.0	14
33	Characterization of Notch Signaling During Osteogenic Differentiation in Human Osteosarcoma Cell Line MG63. <i>Journal of Cellular Physiology</i> , 2016, 231, 2652-2663.	4.1	33
34	Association between circulatory levels of adipokines and bone mineral density in postmenopausal women. <i>Menopause</i> , 2016, 23, 984-992.	2.0	29
35	Effects of Pulsed Electromagnetic Fields After Debridement and Microfracture of Osteochondral Talar Defects: Letter to the Editor. <i>American Journal of Sports Medicine</i> , 2016, 44, NP60-NP61.	4.2	1
36	Clinical evidence in the treatment of rotator cuff tears with hyaluronic acid. <i>Muscles, Ligaments and Tendons Journal</i> , 2015, 5, 270-5.	0.3	20

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37	Oxidative stress and menopause-related hot flashes may be independent events. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2015, 54, 290-293.	1.3	10
38	Tri-length laser therapy associated to tecar therapy in the treatment of low-back pain in adults: a preliminary report of a prospective case series. <i>Lasers in Medical Science</i> , 2015, 30, 407-412.	2.1	28
39	Assessment of Fracture Risk in A Population of Postmenopausal Italian Women: A Comparison of Two Different Tools. <i>Calcified Tissue International</i> , 2015, 97, 50-57.	3.1	21
40	Biophysical stimulation and the periprosthetic bone: is there a rationale in the use of Pulsed Electromagnetic Fields after a hip or knee implant?. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2015, 29, 1013-5.	0.7	4
41	Oxidative Stress and Bone Resorption Interplay as a Possible Trigger for Postmenopausal Osteoporosis. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	80
42	Waist circumference and dual-energy X-ray absorptiometry measures of overall and central obesity are similarly associated with systemic oxidative stress in women. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2014, 74, 102-107.	1.2	11
43	Can a combination of different risk factors be correlated with leg fracture healing time?. <i>Journal of Orthopaedics and Traumatology</i> , 2013, 14, 51-57.	2.3	11
44	Accumulation of central fat correlates with an adverse oxidative balance in non-obese postmenopausal women. <i>Gynecological Endocrinology</i> , 2013, 29, 1063-1066.	1.7	7
45	Metabolic transitions at menopause: In post-menopausal women the increase in serum uric acid correlates with abdominal adiposity as assessed by DXA. <i>Maturitas</i> , 2013, 75, 62-66.	2.4	17
46	Risk factors for development of atypical femoral fractures in patients on long-term oral bisphosphonate therapy. <i>Bone</i> , 2013, 56, 426-431.	2.9	42
47	Functional Tissue Engineering in Articular Cartilage Repair: Is There a Role for Electromagnetic Biophysical Stimulation?. <i>Tissue Engineering - Part B: Reviews</i> , 2013, 19, 353-367.	4.8	51
48	Bone mass density selectively correlates with serum markers of oxidative damage in post-menopausal women. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 333-338.	2.3	76
49	Subcoracoid impingement and subscapularis tendon: is there any truth?. <i>Muscles, Ligaments and Tendons Journal</i> , 2013, 3, 101-5.	0.3	17
50	Electromagnetic fields (EMFs) and adenosine receptors modulate prostaglandin E ₂ and cytokine release in human osteoarthritic synovial fibroblasts. <i>Journal of Cellular Physiology</i> , 2012, 227, 2461-2469.	4.1	85
51	Biceps instability and Slap type II tear in overhead athletes. <i>Muscles, Ligaments and Tendons Journal</i> , 2012, 2, 258-66.	0.3	4
52	003. Effectiveness and safety of perioperative ketamine on postoperative pain after elective total hip arthroplasty under spinal anesthesia: Preliminary results. <i>European Journal of Pain Supplements</i> , 2011, 5, 508-508.	0.0	0
53	Early Clinical Results of the BOX Ankle Replacement Are Satisfactory: A Multicenter Feasibility Study of 158 Ankles. <i>Journal of Foot and Ankle Surgery</i> , 2011, 50, 641-647.	1.0	29
54	Experimental and theoretical study of electrode effects in HfO ₂ based RRAM. , 2011, , .		44

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55	Chondroprotective effects of pulsed electromagnetic fields on human cartilage explants. <i>Bioelectromagnetics</i> , 2011, 32, 543-551.	1.6	69
56	Algorithm for employing physical forces in metabolic bone diseases. <i>Aging Clinical and Experimental Research</i> , 2011, 23, 52-3.	2.9	1
57	Decreased Periprosthetic Bone Loss in Patients Treated with Clodronate: A 1-Year Randomized Controlled Study. <i>Calcified Tissue International</i> , 2010, 86, 436-446.	3.1	26
58	Effects of Pulsed Electromagnetic Fields on Human Osteoblastlike Cells (MG-63): A Pilot Study. <i>Clinical Orthopaedics and Related Research</i> , 2010, 468, 2260-2277.	1.5	41
59	Expression and functional role of adenosine receptors in regulating inflammatory responses in human synoviocytes. <i>British Journal of Pharmacology</i> , 2010, 160, 101-115.	5.4	63
60	P2X ₁ and P2X ₃ ; Purinergic Receptors Differentially Modulate the Inflammatory Response in Human Osteoarthritic Synovial Fibroblasts. <i>Cellular Physiology and Biochemistry</i> , 2010, 25, 325-336.	1.6	15
61	Human leukocyte antigen-G molecules are constitutively expressed by synovial fibroblasts and upmodulated in osteoarthritis. <i>Human Immunology</i> , 2010, 71, 342-350.	2.4	17
62	Biophysical stimulation in osteonecrosis of the femoral head. <i>Indian Journal of Orthopaedics</i> , 2009, 43, 17.	1.1	19
63	Pulsed electromagnetic fields and low intensity pulsed ultrasound in bone tissue. <i>Clinical Cases in Mineral and Bone Metabolism</i> , 2009, 6, 149-54.	1.0	21
64	Effects of biophysical stimulation in patients undergoing arthroscopic reconstruction of anterior cruciate ligament: prospective, randomized and double blind study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2008, 16, 595-601.	4.2	50
65	Genetic effect of zirconium oxide coating on osteoblast-like cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008, 84B, 550-558.	3.4	28
66	Genetic effect of anatase on osteoblast-like cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008, 85B, 29-36.	3.4	31
67	Zirconium oxide coating improves implant osseointegration in vivo. <i>Dental Materials</i> , 2008, 24, 357-361.	3.5	155
68	Anatase Nanosurface Regulates MicroRNAs. <i>Journal of Craniofacial Surgery</i> , 2008, 19, 328-333.	0.7	20
69	Effects of Electrical Physical Stimuli on Articular Cartilage. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007, 89, 152-161.	3.0	24
70	Anatase Coating Improves Implant Osseointegration In Vivo. <i>Journal of Craniofacial Surgery</i> , 2007, 18, 806-810.	0.7	48
71	Effects of Electrical Physical Stimuli on Articular Cartilage. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007, 89, 152-161.	3.0	9
72	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

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73	Osteomyelitis: clinical update for practical guidelines. Nuclear Medicine Communications, 2006, 27, 645-660.	1.1	52
74	Biophysical Stimulation with Pulsed Electromagnetic Fields in Osteonecrosis of the Femoral Head. Journal of Bone and Joint Surgery - Series A, 2006, 88, 56-60.	3.0	86
75	BIOPHYSICAL STIMULATION WITH PULSED ELECTROMAGNETIC FIELDS IN OSTEONECROSIS OF THE FEMORAL HEAD. Journal of Bone and Joint Surgery - Series A, 2006, 88, 56-60.	3.0	2
76	Effects of PEMFs on Patientsâ€™ Recovery after Reconstruction with Use of Double-looped Semitendinosus and Gracilis Tendon Grafts: a Multicenter, Prospective, Randomized and Double-blind Study. MCB Molecular and Cellular Biomechanics, 2006, 3, 239-240.	0.7	0
77	Effects of physical stimulation with electromagnetic field and insulin growth factor-I treatment on proteoglycan synthesis of bovine articular cartilage. Osteoarthritis and Cartilage, 2004, 12, 793-800.	1.3	75
78	The Pharmacokinetics and Efficacy of Ropivacaine Continuous Wound Instillation After Spine Fusion Surgery. Anesthesia and Analgesia, 2004, 98, 166-172.	2.2	152
79	Biophysical Stimulation with Pulsed Electromagnetic Fields in Avascular Necrosis of the Femur Head. , 2004, , 33-44.		0
80	Effects of Electromagnetic Fields on Proteoglycan Metabolism of Bovine Articular Cartilage Explants. Connective Tissue Research, 2003, 44, 154-159.	2.3	116
81	Pharmacokinetics and efficacy of ropivacaine continuous wound instillation after joint replacement surgery â€” Declaration of interest. This work was supported by AstraZeneca, Basiglio, Milano, Italy. Presented in part at the Third European Congress of Orthopaedic Anaesthesia, 31 Mayâ€”2 June 2001, London, UK.. British Journal of Anaesthesia. 2003. 91. 830-835.	3.4	171
82	Effects of Electromagnetic Fields on Proteoglycan Metabolism of Bovine Articular Cartilage Explants. Connective Tissue Research, 2003, 44, 154-159.	2.3	4
83	Effects of electromagnetic fields on proteoglycan metabolism of bovine articular cartilage explants. Connective Tissue Research, 2003, 44, 154-9.	2.3	44
84	Diagnosis of bone infections using 99mTc-HMPAO labelled leukocytes. Nuclear Medicine Communications, 2002, 23, 1245-1251.	1.1	1
85	EBM in musculoskeletal diseases: where are we?. Acta Orthopaedica, 2002, 73, 4-7.	1.4	12
86	High doses of glucosamine-HCl have detrimental effects on bovine articular cartilage explants cultured in vitro. Osteoarthritis and Cartilage, 2002, 10, 816-825.	1.3	59
87	Tibiototalcaneal arthrodesis by retrograde intramedullary nailing as a â€”salvage procedureâ€™: clinical, radiographic and baropodometric evaluation of three cases. Foot and Ankle Surgery, 2002, 8, 3-12.	1.7	5
88	The surgical treatment of intra-articular fractures of the calcaneus using a new multiple-hole Tra.Ma plate. The long-term results in relation to gait analysis. La Chirurgia Degli Organi Di Movimento, 2002, 87, 179-88.	0.2	2
89	Surgeonâ€™patient barrier efficiency monitored with an electronic device in three surgical settings. World Journal of Surgery, 2001, 25, 1101-1108.	1.6	16
90	Unicondylar femoral fractures: therapeutic strategy and long-term results. A review of 23 patients. Acta Orthopaedica Belgica, 2001, 67, 132-8.	0.4	50

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91	Unilateral Blindness as a Complication of Intraoperative Positioning for Cervical Spinal Surgery. <i>Journal of Spinal Disorders</i> , 2000, 13, 271-272.	1.1	24
92	Phosphatidylinositol 3-kinase Translocates to the Nucleus of Osteoblast-Like MC3T3-E1 Cells in Response to Insulin-Like Growth Factor I and Platelet-Derived Growth Factor But Not to the Proapoptotic Cytokine Tumor Necrosis Factor α . <i>Journal of Bone and Mineral Research</i> , 2000, 15, 1716-1730.	2.8	42
93	Translocation of Akt/PKB to the nucleus of osteoblast-like MC3T3-E1 cells exposed to proliferative growth factors. <i>FEBS Letters</i> , 2000, 477, 27-32.	2.8	98
94	A new technique for treatment of calcaneal fractures with a multihole plate: indications and results. <i>Foot and Ankle Surgery</i> , 1999, 5, 39-45.	1.7	8
95	Responses of Human MG-63 Osteosarcoma Cell Line and Human Osteoblast-Like Cells to Pulsed Electromagnetic Fields. , 1999, , 453-456.		2
96	Electrical Stimulation of Tibial Osteotomies: A Double Blind Study. , 1999, , 137-138.		19
97	Osteoid osteoma at the base of the second metatarsal bone: case report. <i>Foot and Ankle Surgery</i> , 1998, 4, 83-86.	1.7	6
98	Atypical Medial Dislocation of the First Metatarsophalangeal Joint. <i>Foot and Ankle International</i> , 1998, 19, 624-626.	2.3	15
99	Responses of human MG-63 osteosarcoma cell line and human osteoblast-like cells to pulsed electromagnetic fields. <i>Bioelectromagnetics</i> , 1997, 18, 541-547.	1.6	39
100	Effects of Low-Frequency Pulsed Electromagnetic Fields on Human Osteoblast-Like Cells In Wtro. <i>Electromagnetic Biology and Medicine</i> , 1996, 15, 75-83.	0.4	16
101	Fractures of the Femoral Head. <i>HIP International</i> , 1996, 6, 159-165.	1.7	0
102	Periprosthetic bone density in uncemented femoral hip implants with proximal hydroxylapatite coating. <i>Bulletin of the Hospital for Joint Diseases</i> , 1996, 54, 206-10.	0.3	3
103	Medea: a tool for workload characterization of parallel systems. <i>IEEE Parallel and Distributed Technology</i> , 1995, 3, 72-80.	0.6	22
104	Clinical and ultrasound follow-up of 62 patients submitted to the surgical treatment of subcutaneous rupture of the Achilles tendon. <i>La Chirurgia Degli Organi Di Movimento</i> , 1994, 79, 213-8.	0.2	2
105	The Electrical Stimulation of Tibial Osteotomies Double-Blind Study. <i>Clinical Orthopaedics and Related Research</i> , 1993, &NA;, 246-253.	1.5	58
106	The electrical stimulation of tibial osteotomies. Double-blind study. <i>Clinical Orthopaedics and Related Research</i> , 1993, , 246-53.	1.5	20
107	Relationship between femoral neck fractures and osteoporosis in the elderly: densitometric analysis. <i>Italian Journal of Orthopaedics and Traumatology</i> , 1992, 18, 87-94.	0.0	0
108	Arthrography of the plica syndrome and its significance. <i>European Journal of Radiology</i> , 1990, 11, 15-18.	2.6	10

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109	Diagnosis and treatment of popliteal cysts. La Chirurgia Degli Organi Di Movimento, 1990, 75, 245-52.	0.2	4
110	Fractures of the posterior apophyseal ring of the lumbar vertebral body in young patients. Three cases. La Chirurgia Degli Organi Di Movimento, 1990, 75, 129-33.	0.2	0
111	A rare case of solitary exostosis of the cervical spine. Italian Journal of Orthopaedics and Traumatology, 1988, 14, 385-7.	0.0	4
112	Performance evaluation of supercomputers. , 0, , .		0
113	Consideration on disadvantages and problems of resurfacing. , 0, , 45-46.		0