Lucia Maria Savarino

List of Publications by Year
in descending order

42 papers	1,018 citations	361413 20 h-index	454955 30 g-index
42 all docs	42 docs citations	42 times ranked	1174 citing authors

#	Article	IF	Citations
1	Biological effects of metal degradation in hip arthroplasties. Critical Reviews in Toxicology, 2018, 48, 170-193.	3.9	41
2	Does chronic raise of metal ion levels induce oxidative <scp>DNA</scp> damage and hypoxiaâ€like response in patients with metalâ€onâ€metal hip resurfacing?. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 460-466.	3.4	7
3	New couplings, old problems: Is there a role for ceramicâ€onâ€metal hip arthroplasty?. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 204-209.	3.4	16
4	Effects of hypoxia on osteogenic differentiation of mesenchymal stromal cells used as a cell therapy for avascular necrosis of the femoral head. Cytotherapy, 2016, 18, 1087-1099.	0.7	38
5	Long-term Systemic Metal Distribution in Patients With Stainless Steel Spinal Instrumentation. Journal of Spinal Disorders and Techniques, 2015, 28, 114-118.	1.9	11
6	How Do Metal Ion Levels Change over Time in Hip Resurfacing Patients? A Cohort Study. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	9
7	Effect of acetabular cup design on metal ion release in two designs of metalâ€onâ€metal hip resurfacing. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 1595-1601.	3.4	2
8	Do Ion Levels in Metal-on-metal Hip Resurfacing Differ From Those in Metal-on-metal THA at Long-term Followup?. Clinical Orthopaedics and Related Research, 2013, 471, 2964-2971.	1.5	20
9	Relevance of deep decortication and vascularization in a case of post-traumatic femoral non-union treated with grafts, platelet gel and bone marrow stromal cells. Knee Surgery, Sports Traumatology, Arthroscopy, 2012, 20, 1834-1838.	4.2	1
10	A prospective, randomised, controlled trial using a Mg-hydroxyapatite - demineralized bone matrix nanocomposite in tibial osteotomy. Biomaterials, 2012, 33, 72-79.	11.4	38
11	Background and rationale of platelet gel in orthopaedic surgery. Musculoskeletal Surgery, 2010, 94, 1-8.	1.5	15
12	Profile of tollâ€like receptorâ€“positive cells in septic and aseptic loosening of total hip arthroplasty implants. Journal of Biomedical Materials Research - Part A, 2010, 94A, 84-92.	4.0	38
13	Potential role of tartrateâ€resistant acid phosphatase 5b (TRACP 5b) as a surrogate marker of late loosening in patients with total hip arthroplasty: A cohort study. Journal of Orthopaedic Research, 2010, 28, 887-892.	2.3	14
14	Is wear debris responsible for failure in alumina-on-alumina implants?. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 80, 162-167.	3.3	31
15	InÂvitro evaluation of freeze-dried bone allografts combined with platelet rich plasma and human bone marrow stromal cells for tissue engineering. Journal of Materials Science: Materials in Medicine, 2009, 20, 45-50.	3.6	33
16	Pre-operative diagnosis of infection in total knee arthroplasty: an algorithm. Knee Surgery, Sports Traumatology, Arthroscopy, 2009, 17, 667-675.	4.2	26
17	Does Ion Release Differ Between Hip Resurfacing and Metal-on-metal THA?. Clinical Orthopaedics and Related Research, 2008, 466, 700-707.	1.5	54
18	Serum ion levels after ceramicâ€onâ€ceramic and metalâ€onâ€metal total hip arthroplasty: 8â€year minimum followâ€up. Journal of Orthopaedic Research, 2008, 26, 1569-1576.	2.3	40

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19	Anthraquinone-2,6-Disulfonic Acid as a Disease-modifying Osteoarthritis Drug. Clinical Orthopaedics and Related Research, 2007, 461, 231-237.	1.5	8
20	Serum Levels of Osteoprotegerin and Receptor Activator of Nuclear Factor-Î¹B Ligand as Markers of Periprosthetic Osteolysis. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1501-1509.	3.0	45
21	Plasma levels of platelet-derived growth factor BB and transforming growth factor in patients with failed hip prostheses. Monthly Notices of the Royal Astronomical Society: Letters, 2005, 76, 61-66.	3.3	6
22	Plasma levels of coagulation inhibitors, fibrinolytic markers and platelet-derived growth factor-AB in patients with failed hip prosthesis. Acta Orthopaedica, 2003, 74, 559-564.	1.4	1
23	Immunological changes in patients with primary osteoarthritis of the hip after total joint replacement. Journal of Bone and Joint Surgery: British Volume, 2003, 85, 758-64.	3.4	20
24	Inflammatory Response to Metals and Ceramics. , 2002, , 735-791.		5
25	Effect of four acrylic bone cements on transforming growth factor-beta1 expression by osteoblast-like cells MG63. Biomaterials, 2002, 23, 305-311.	11.4	7
26	Effects of bone cement extracts on the cell-mediated immune response. Biomaterials, 2002, 23, 1033-1041.	11.4	15
27	Thrombomodulin expression in endothelial cells after contact with bone cement. Biomaterials, 2002, 23, 2159-2165.	11.4	1
28	Bone cement extracts modulate the osteoprotegerin/osteoprotegerin-ligand expression in MG63 osteoblast-like cells. Biomaterials, 2002, 23, 2359-2365.	11.4	30
29	No effect of methacrylate-based bone cement CMW 1 on the plasmatic phase of coagulation, red blood cells and endothelial cells in vitro. Acta Orthopaedica, 2001, 72, 86-93.	1.4	7
30	Effect of CMW 1 bone cement on transforming growth factor-beta 1 expression by endothelial cells. Journal of Biomaterials Science, Polymer Edition, 2001, 12, 1011-1025.	3.5	1
31	Evaluation of tissue-factor production by human endothelial cells incubated with three acrylic bone cements. Journal of Biomedical Materials Research Part B, 2001, 55, 131-136.	3.1	5
32	Sister chromatid exchanges and ion release in patients wearing fracture fixation devices. , 2000, 50, 21-26.		28
33	Cytokine expressionin vitro by cultured human endothelial cells in contact with polyethylene terephthalate coated with pyrolytic carbon and collagen. Journal of Biomedical Materials Research Part B, 2000, 50, 483-489.	3.1	14
34	Expression of the CD69 activation antigen on lymphocytes of patients with hip prosthesis. Biomaterials, 2000, 21, 2059-2065.	11.4	46
35	Blood Micronutrient and Thyroid Hormone Concentrations in the Oldest-Old. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 2260-2265.	3.6	22
36	Cytokine release in mononuclear cells of patients with Coâ€“Cr hip prosthesis. Biomaterials, 1999, 20, 1079-1086.	11.4	111

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37	Fluorescent microplate assay for respiratory burst of PMNs challengedin vitro with orthopedic metals. Journal of Biomedical Materials Research Part B, 1998, 41, 455-460.	3.1	43
38	Cytotoxicity testing of materials with limitedin vivo exposure is affected by the duration of cell-material contact. , 1998, 42, 485-490.		40
39	Effects of chromium extract on cytokine release by mononuclear cells. Biomaterials, 1998, 19, 283-291.	11.4	31
40	Assessment of metal extract toxicity on human lymphocytes culturedin vitro. Journal of Biomedical Materials Research Part B, 1996, 31, 183-191.	3.1	57
41	Platelet and coagulation factor variations induced in vitro by polyethylene terephthalate (DacronÂ®) coated with pyrolytic carbon. Biomaterials, 1995, 16, 973-976.	11.4	36
42	Cytotoxicity and capability of activating hemocoagulation of polybutyleneterephthalate filters. Clinical Materials, 1993, 14, 191-198.	0.5	5