

Livia Visai

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

211
papers

7,870
citations

48
h-index

78
g-index

227
ext. papers

8,945
ext. citations

4.5
avg, IF

5.7
L-index

#	Paper	IF	Citations
211	Haralick texture analysis to predict cellular proliferation on randomly oriented electrospun nanomaterials. <i>Nanoscale Advances</i> , 2022 , 4, 1330-1335	5.1	0
210	Progress in Niobium Oxide-Containing Coatings for Biomedical Applications: A Critical Review.. <i>ACS Omega</i> , 2022 , 7, 9088-9107	3.9	1
209	Bioprinting for skeletal tissue regeneration: from current trends to future promises 2022 , 271-301		
208	Gold Nanoparticles: Can They Be the Next Magic Bullet for Multidrug-Resistant Bacteria?. <i>Nanomaterials</i> , 2021 , 11,	5.4	16
207	Topological, Mechanical and Biological Properties of Ti6Al4V Scaffolds for Bone Tissue Regeneration Fabricated with Reused Powders via Electron Beam Melting. <i>Materials</i> , 2021 , 14,	3.5	12
206	Targeting the "Sweet Side" of Tumor with Glycan-Binding Molecules Conjugated-Nanoparticles: Implications in Cancer Therapy and Diagnosis. <i>Nanomaterials</i> , 2021 , 11,	5.4	7
205	Biomechanical performances of PCL/HA micro- and macro-porous lattice scaffolds fabricated via laser powder bed fusion for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2021 , 128, 112300	8.3	8
204	The Open Challenge of Modeling Complex and Multi-Microbial Communities in Three-Dimensional Niches. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 539319	5.8	0
203	Controlled Release of Thymol from Poly(Lactic Acid)-Based Silver Nanocomposite Films with Antibacterial and Antioxidant Activity. <i>Antioxidants</i> , 2020 , 9,	7.1	20
202	Extra-Small Gold Nanospheres Decorated With a Thiol Functionalized Biodegradable and Biocompatible Linear Polyamidoamine as Nanovectors of Anticancer Molecules. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 132	5.8	9
201	Polyurethane-Based Composites: Effects of Antibacterial Fillers on the Physical-Mechanical Behavior of Thermoplastic Polyurethanes. <i>Polymers</i> , 2020 , 12,	4.5	18
200	Combining Biologically Active β -Lactams Integrin Agonists with Poly(L-lactic acid) Nanofibers: Enhancement of Human Mesenchymal Stem Cell Adhesion. <i>Biomacromolecules</i> , 2020 , 21, 1157-1170	6.9	10
199	An Comparison Study Between Strontium Nanoparticles and rhBMP2. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 499	5.8	1
198	Engineering Immunomodulatory Biomaterials for Regenerating the Infarcted Myocardium. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 292	5.8	24
197	Standardization of antimicrobial testing of dental devices. <i>Dental Materials</i> , 2020 , 36, e59-e73	5.7	13
196	Polyurethane-Based Coatings with Promising Antibacterial Properties. <i>Materials</i> , 2020 , 13,	3.5	5
195	In Vitro Production of Calcified Bone Matrix onto Wool Keratin Scaffolds via Osteogenic Factors and Electromagnetic Stimulus. <i>Materials</i> , 2020 , 13,	3.5	10

194	Synergic Effect of Nanolignin and Metal Oxide Nanoparticles into Poly(l-lactide) Bionanocomposites: Material Properties, Antioxidant Activity, and Antibacterial Performance.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 5263-5274	4.1	27
193	Increased Antibacterial and Antibiofilm Properties of Silver Nanoparticles Using Silver Fluoride as Precursor. <i>Molecules</i> , 2020 , 25,	4.8	3
192	Enhancement of the Biological and Mechanical Performances of Sintered Hydroxyapatite by Multiple Ions Doping. <i>Frontiers in Materials</i> , 2020 , 7,	4	6
191	Biocompatible PBS-based copolymer for soft tissue engineering: Introduction of disulfide bonds as winning tool to tune the final properties. <i>Polymer Degradation and Stability</i> , 2020 , 182, 109403	4.7	6
190	Controlled Release, Disintegration, Antioxidant, and Antimicrobial Properties of Poly (Lactic Acid)/Thymol/Nanoclay Composites. <i>Polymers</i> , 2020 , 12,	4.5	13
189	Keratin-based matrices from wool fibers and human hair 2019 , 375-403		2
188	Increased CNTF levels in adults with autism spectrum disorders. <i>World Journal of Biological Psychiatry</i> , 2019 , 20, 742-746	3.8	5
187	Disassembling the complexity of mucus barriers to develop a fast screening tool for early drug discovery. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4940-4952	7.3	13
186	Antibacterial Properties of a Novel Zirconium Phosphate-Glycinediphosphonate Loaded with Either Zinc or Silver. <i>Materials</i> , 2019 , 12,	3.5	5
185	The NATO project: nanoparticle-based countermeasures for microgravity-induced osteoporosis. <i>Scientific Reports</i> , 2019 , 9, 17141	4.9	7
184	Influence of the nanofiber chemistry and orientation of biodegradable poly(butylene succinate)-based scaffolds on osteoblast differentiation for bone tissue regeneration. <i>Nanoscale</i> , 2018 , 10, 8689-8703	7.7	50
183	BDNF levels are associated with autistic traits in the general population. <i>Psychoneuroendocrinology</i> , 2018 , 89, 131-133	5	11
182	Indium/Gallium Maltolate Effects on Human Breast Carcinoma Cells: In Vitro Investigation on Cytotoxicity and Synergism with Mitoxantrone. <i>ACS Omega</i> , 2018 , 3, 4631-4640	3.9	7
181	Metal Nanoparticles Embedded in Cellulose Nanocrystal Based Films: Material Properties and Post-use Analysis. <i>Biomacromolecules</i> , 2018 , 19, 2618-2628	6.9	44
180	Polyvinyl alcohol/chitosan hydrogels with enhanced antioxidant and antibacterial properties induced by lignin nanoparticles. <i>Carbohydrate Polymers</i> , 2018 , 181, 275-284	10.3	156
179	Treatment of Biofilm Communities: An Update on New Tools from the Nanosized World. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 845	2.6	15
178	New Parameters to Quantitatively Express the Invasiveness of Bacterial Strains from Implant-Related Orthopaedic Infections into Osteoblast Cells. <i>Materials</i> , 2018 , 11,	3.5	6
177	The effect of pulsed electromagnetic field exposure on osteoinduction of human mesenchymal stem cells cultured on nano-TiO ₂ surfaces. <i>PLoS ONE</i> , 2018 , 13, e0199046	3.7	22

176	Design of Multifunctional Polysaccharides for Biomedical Applications: A Critical Review. <i>Current Organic Chemistry</i> , 2018 , 22, 1222-1236	1.7	4
175	Drug Delivery Systems for Chemotherapeutics through Selected Polysaccharidic Vehicles. <i>Current Organic Chemistry</i> , 2018 , 22, 1157-1192	1.7	4
174	Ether-Oxygen Containing Electrospun Microfibrous and Sub-Microfibrous Scaffolds Based on Poly(butylene 1,4-cyclohexanedicarboxylate) for Skeletal Muscle Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	19
173	Polysaccharide-based hydrogels with tunable composition as 3D cell culture systems. <i>International Journal of Artificial Organs</i> , 2018 , 41, 213-222	1.9	10
172	Biomaterials and biophysical stimuli for bone regeneration. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2018 , 32, 41-49	0.7	10
171	Functional Properties of Plasticized Bio-Based Poly(Lactic Acid)_Poly(Hydroxybutyrate) (PLA_PHB) Films for Active Food Packaging. <i>Food and Bioprocess Technology</i> , 2017 , 10, 770-780	5.1	52
170	Copper-containing mesoporous bioactive glass nanoparticles as multifunctional agent for bone regeneration. <i>Acta Biomaterialia</i> , 2017 , 55, 493-504	10.8	158
169	Silver nanoparticles synthesized and coated with pectin: An ideal compromise for anti-bacterial and anti-biofilm action combined with wound-healing properties. <i>Journal of Colloid and Interface Science</i> , 2017 , 498, 271-281	9.3	82
168	Cellulose nanocrystals as templates for cetyltrimethylammonium bromide mediated synthesis of Ag nanoparticles and their novel use in PLA films. <i>Carbohydrate Polymers</i> , 2017 , 157, 1557-1567	10.3	33
167	Heterogeneous and self-organizing mineralization of bone matrix promoted by hydroxyapatite nanoparticles. <i>Nanoscale</i> , 2017 , 9, 17274-17283	7.7	23
166	Can Nanotechnology Shine a New Light on Antimicrobial Photodynamic Therapies? 2017 ,		1
165	Synthesis and characterization of strontium-substituted hydroxyapatite nanoparticles for bone regeneration. <i>Materials Science and Engineering C</i> , 2017 , 71, 653-662	8.3	84
164	PEEK Titanium Composite (PTC) for Spinal Implants 2017 , 427-465		1
163	Comparison of apical extrusion of intracanal bacteria by various glide-path establishing systems: an study. <i>Restorative Dentistry & Endodontics</i> , 2017 , 42, 316-323	1.5	11
162	Orthopedic implant infections: Incompetence of Staphylococcus epidermidis, Staphylococcus lugdunensis, and Enterococcus faecalis to invade osteoblasts. <i>Journal of Biomedical Materials Research - Part A</i> , 2016 , 104, 788-801	5.4	29
161	The effect of silver or gallium doped titanium against the multidrug resistant Acinetobacter baumannii. <i>Biomaterials</i> , 2016 , 80, 80-95	15.6	90
160	Wool fibril sponges with perspective biomedical applications. <i>Materials Science and Engineering C</i> , 2016 , 61, 42-50	8.3	23
159	Microgravity-driven remodeling of the proteome reveals insights into molecular mechanisms and signal networks involved in response to the space flight environment. <i>Journal of Proteomics</i> , 2016 , 137, 3-18	3.9	30

158	Data in support of Gallium (Ga(3+)) antibacterial activities to counteract E. coli and S. epidermidis biofilm formation onto pro-osteointegrative titanium surfaces. <i>Data in Brief</i> , 2016 , 6, 758-62	1.2	5
157	Allosteric Regulation of Fibronectin/ $\beta 1$ Interaction by Fibronectin-Binding MSCRAMMs. <i>PLoS ONE</i> , 2016 , 11, e0159118	3.7	19
156	Molecular Characterization of a Prevalent Ribocluster of Methicillin-Sensitive Staphylococcus aureus from Orthopedic Implant Infections. Correspondence with MLST CC30. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016 , 6, 8	5.9	16
155	Antimicrobial Properties and Cytocompatibility of PLGA/Ag Nanocomposites. <i>Materials</i> , 2016 , 9,	3.5	18
154	Effect of Winemaking on the Composition of Red Wine as a Source of Polyphenols for Anti-Infective Biomaterials. <i>Materials</i> , 2016 , 9,	3.5	14
153	Nanostructured TiO ₂ Surfaces Promote Human Bone Marrow Mesenchymal Stem Cells Differentiation to Osteoblasts. <i>Nanomaterials</i> , 2016 , 6,	5.4	19
152	From micro- to nanostructured implantable device for local anesthetic delivery. <i>International Journal of Nanomedicine</i> , 2016 , 11, 2695-709	7.3	15
151	Poly-L-Lactic Acid Nanofiber-Polyamidoamine Hydrogel Composites: Preparation, Properties, and Preliminary Evaluation as Scaffolds for Human Pluripotent Stem Cell Culturing. <i>Macromolecular Bioscience</i> , 2016 , 16, 1533-1544	5.5	19
150	Thrombopoietin/TGF- $\beta 1$ Loop Regulates Megakaryocyte Extracellular Matrix Component Synthesis. <i>Stem Cells</i> , 2016 , 34, 1123-33	5.8	35
149	Carboxymethylinulin-Chitosan Nanoparticles for the Delivery of Antineoplastic Mitoxantrone. <i>ChemMedChem</i> , 2016 , 11, 2436-2444	3.7	4
148	In vitro effect of temperature on the conformational structure and collagen binding of SdrF, a Staphylococcus epidermidis adhesin. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 5593-603	5.7	4
147	Ex vivo immunosuppressive effects of mesenchymal stem cells on Crohn's disease mucosal T cells are largely dependent on indoleamine 2,3-dioxygenase activity and cell-cell contact. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 137	8.3	37
146	Electro-magnetic field promotes osteogenic differentiation of BM-hMSCs through a selective action on Ca(2+)-related mechanisms. <i>Scientific Reports</i> , 2015 , 5, 13856	4.9	70
145	Bacterial adhesion to poly-(D,L)lactic acid blended with vitamin E: toward gentle anti-infective biomaterials. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 1447-58	5.4	19
144	Thermal stability improvement of blue colorant C-Phycocyanin from Spirulina platensis for food industry applications. <i>Process Biochemistry</i> , 2014 , 49, 154-159	4.8	107
143	Antibiofilm activity of a monolayer of silver nanoparticles anchored to an amino-silanized glass surface. <i>Biomaterials</i> , 2014 , 35, 1779-88	15.6	152
142	Preparation and characterization of an advanced medical device for bone regeneration. <i>AAPS PharmSciTech</i> , 2014 , 15, 75-82	3.9	6
141	Nano-biocomposite films with modified cellulose nanocrystals and synthesized silver nanoparticles. <i>Carbohydrate Polymers</i> , 2014 , 101, 1122-33	10.3	136

140	Reactive hydroxyapatite fillers for pectin biocomposites. <i>Materials Science and Engineering C</i> , 2014 , 45, 154-61	8.3	20
139	In vitro study of multiwall carbon nanotubes (MWCNTs) with adsorbed mitoxantrone (MTO) as a drug delivery system to treat breast cancer. <i>RSC Advances</i> , 2014 , 4, 18683-18693	3.7	16
138	Novel ether-linkages containing aliphatic copolyesters of poly(butylene 1,4-cyclohexanedicarboxylate) as promising candidates for biomedical applications. <i>Materials Science and Engineering C</i> , 2014 , 34, 86-97	8.3	23
137	The interaction of bacteria with engineered nanostructured polymeric materials: a review. <i>Scientific World Journal, The</i> , 2014 , 2014, 410423	2.2	108
136	Cytocompatibility and antibacterial properties of capping materials. <i>Scientific World Journal, The</i> , 2014 , 2014, 181945	2.2	48
135	Pain assessment in animal models: do we need further studies?. <i>Journal of Pain Research</i> , 2014 , 7, 227-36	6.9	30
134	Self-assembled monolayers of gold nanostars: a convenient tool for near-IR photothermal biofilm eradication. <i>Chemical Communications</i> , 2014 , 50, 1969-71	5.8	95
133	Tolerogenic effect of mesenchymal stromal cells on gliadin-specific T lymphocytes in celiac disease. <i>Cytotherapy</i> , 2014 , 16, 1080-91	4.8	11
132	Pectins from Aloe Vera: Extraction and production of gels for regenerative medicine. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	20
131	Injectable pectin hydrogels produced by internal gelation: pH dependence of gelling and rheological properties. <i>Carbohydrate Polymers</i> , 2014 , 103, 339-47	10.3	93
130	Effect of air polishing with glycine powder on titanium abutment surfaces. <i>Clinical Oral Implants Research</i> , 2013 , 24, 904-9	4.8	36
129	Investigation of low-level laser therapy potentiality on proliferation and differentiation of human osteoblast-like cells in the absence/presence of osteogenic factors. <i>Journal of Biomedical Optics</i> , 2013 , 18, 128006	3.5	44
128	Ultrasound stimulus to enhance the bone regeneration capability of gelatin cryogels. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2013 , 2013, 846-9	0.9	
127	Sterilization treatments on polysaccharides: Effects and side effects on pectin. <i>Food Hydrocolloids</i> , 2013 , 31, 74-84	10.6	32
126	Environmentally friendly lycopene purification from tomato peel waste: enzymatic assisted aqueous extraction. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 1646-51	5.7	43
125	The role of ionic interactions in the adherence of the Staphylococcus epidermidis adhesin SdrF to prosthetic material. <i>FEMS Microbiology Letters</i> , 2013 , 338, 24-30	2.9	10
124	Combined effects of Ag nanoparticles and oxygen plasma treatment on PLGA morphological, chemical, and antibacterial properties. <i>Biomacromolecules</i> , 2013 , 14, 626-36	6.9	47
123	Ternary PVA nanocomposites containing cellulose nanocrystals from different sources and silver particles: part II. <i>Carbohydrate Polymers</i> , 2013 , 97, 837-48	10.3	44

122	Biological and structural characterization of a naturally inspired material engineered from elastin as a candidate for tissue engineering applications. <i>Langmuir</i> , 2013 , 29, 15898-906	4	10
121	Development and validation of an enzyme linked immunosorbent assay for palivizumab serum determination. <i>International Journal of Immunopathology and Pharmacology</i> , 2013 , 26, 503-10	3	2
120	High-Frequency Vibration Treatment of Human Bone Marrow Stromal Cells Increases Differentiation toward Bone Tissue. <i>Bone Marrow Research</i> , 2013 , 2013, 803450		16
119	A comparative analysis of the in vitro effects of pulsed electromagnetic field treatment on osteogenic differentiation of two different mesenchymal cell lineages. <i>BioResearch Open Access</i> , 2013 , 2, 283-94	2.4	67
118	In vitro osteogenesis of human stem cells by using a three-dimensional perfusion bioreactor culture system: a review. <i>Recent Patents on Drug Delivery and Formulation</i> , 2013 , 7, 29-38	1.4	5
117	New multifunctional poly(lactide acid) composites: Mechanical, antibacterial, and degradation properties. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 87-98	2.9	75
116	Tuning multi/pluri-potent stem cell fate by electrospun poly(L-lactic acid)-calcium-deficient hydroxyapatite nanocomposite mats. <i>Biomacromolecules</i> , 2012 , 13, 1350-60	6.9	82
115	Easily synthesized novel biodegradable copolyesters with adjustable properties for biomedical applications. <i>Soft Matter</i> , 2012 , 8, 5466	3.6	35
114	Staphylococcus lugdunensis, an aggressive coagulase-negative pathogen not to be underestimated. <i>International Journal of Artificial Organs</i> , 2012 , 35, 742-53	1.9	27
113	Evaluation of bacterial adhesion on machined titanium, Osseotite [®] and Nanotite [®] discs. <i>International Journal of Artificial Organs</i> , 2012 , 35, 754-61	1.9	11
112	In Vitro Osteogenesis of Human Stem Cells by Using a Three-Dimensional Perfusion Bioreactor Culture System: A Review. <i>Recent Patents on Drug Delivery and Formulation</i> , 2012 , 7, 29-38	1.4	
111	Electrochemically deposited gentamicin-loaded calcium phosphate coatings for bone tissue integration. <i>International Journal of Artificial Organs</i> , 2012 , 35, 876-83	1.9	6
110	Multifunctional bionanocomposite films of poly(lactic acid), cellulose nanocrystals and silver nanoparticles. <i>Carbohydrate Polymers</i> , 2012 , 87, 1596-1605	10.3	458
109	Mesoporous bioactive glass as a multifunctional system for bone regeneration and controlled drug release. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2012 , 10, 12-21	1.8	38
108	A novel antibacterial modification treatment of titanium capable to improve osseointegration. <i>International Journal of Artificial Organs</i> , 2012 , 35, 864-75	1.9	42
107	Interactions of staphylococci with osteoblasts and phagocytes in the pathogenesis of implant-associated osteomyelitis. <i>International Journal of Artificial Organs</i> , 2012 , 35, 713-26	1.9	25
106	In vitro antibacterial activity of different self-etch adhesives. <i>International Journal of Artificial Organs</i> , 2012 , 35, 847-53	1.9	11
105	An overview of the methodological approach to the in vitro study of anti-infective biomaterials. <i>International Journal of Artificial Organs</i> , 2012 , 35, 800-16	1.9	9

104	Electromagnetic stimulation to optimize the bone regeneration capacity of gelatin-based cryogels. <i>International Journal of Immunopathology and Pharmacology</i> , 2012 , 25, 165-74	3	18
103	Antibacterial efficacy of conventional and single-use Ni-Ti endodontic instruments: an in vitro microbiological evaluation. <i>International Journal of Artificial Organs</i> , 2012 , 35, 826-31	1.9	8
102	Effect of electrospun fiber diameter and alignment on macrophage activation and secretion of proinflammatory cytokines and chemokines. <i>Biomacromolecules</i> , 2011 , 12, 1900-11	6.9	202
101	The differentiation of human adipose-derived stem cells (hASCs) into osteoblasts is promoted by low amplitude, high frequency vibration treatment. <i>Bone</i> , 2011 , 49, 295-303	4.7	54
100	Poly(ethylene glycol) and hydroxy functionalized alkane phosphate self-assembled monolayers reduce bacterial adhesion and support osteoblast proliferation. <i>International Journal of Artificial Organs</i> , 2011 , 34, 898-907	1.9	5
99	Concise survey of Staphylococcus aureus virulence factors that promote adhesion and damage to peri-implant tissues. <i>International Journal of Artificial Organs</i> , 2011 , 34, 771-80	1.9	31
98	Internalization by osteoblasts of two Staphylococcus aureus clinical isolates differing in their adhesin gene pattern. <i>International Journal of Artificial Organs</i> , 2011 , 34, 789-98	1.9	20
97	Antibacterial effects of six endodontic sealers. <i>International Journal of Artificial Organs</i> , 2011 , 34, 908-13	1.9	12
96	Bone reconstruction: Au nanocomposite bioglasses with antibacterial properties. <i>International Journal of Artificial Organs</i> , 2011 , 34, 920-8	1.9	16
95	Titanium oxide antibacterial surfaces in biomedical devices. <i>International Journal of Artificial Organs</i> , 2011 , 34, 929-46	1.9	186
94	Emerging pathogenetic mechanisms of the implant-related osteomyelitis by Staphylococcus aureus. <i>International Journal of Artificial Organs</i> , 2011 , 34, 781-8	1.9	56
93	Biofilm extracellular-DNA in 55 Staphylococcus epidermidis clinical isolates from implant infections. <i>International Journal of Artificial Organs</i> , 2011 , 34, 840-6	1.9	15
92	Extracellular DNA in biofilms. <i>International Journal of Artificial Organs</i> , 2011 , 34, 824-31	1.9	177
91	Megakaryocyte-matrix interaction within bone marrow: new roles for fibronectin and factor XIII-A. <i>Blood</i> , 2011 , 117, 2476-83	2.2	65
90	Photoactivated disinfection (PAD) in endodontics: an in vitro microbiological evaluation. <i>International Journal of Artificial Organs</i> , 2011 , 34, 889-97	1.9	26
89	In vitro evaluation of antimicrobial efficacy of endodontic irrigants. <i>International Journal of Artificial Organs</i> , 2011 , 34, 914-9	1.9	9
88	Electrochemically induced anatase inhibits bacterial colonization on Titanium Grade 2 and Ti6Al4V alloy for dental and orthopedic devices. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 88, 648-55	6	51
87	Relationship between pharmacokinetic profile of subcutaneously administered alemtuzumab and clinical response in patients with chronic lymphocytic leukemia. <i>Haematologica</i> , 2011 , 96, 932-6	6.6	20

86	Effects of electromagnetic stimulation on osteogenic differentiation of human mesenchymal stromal cells seeded onto gelatin cryogel. <i>International Journal of Immunopathology and Pharmacology</i> , 2011 , 24, 1-6	3	35
85	The Sbi protein is a multifunctional immune evasion factor of <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2011 , 79, 3801-9	3.7	96
84	Increasing the antibacterial effect of lysozyme by immobilization on multi-walled carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 3100-6	1.3	21
83	In vitro calcified matrix deposition by human osteoblasts onto a zinc-containing bioactive glass. <i>European Cells and Materials</i> , 2011 , 21, 59-72; discussion 72	4.3	62
82	Functional analysis of a murine monoclonal antibody against the repetitive region of the fibronectin-binding adhesins fibronectin-binding protein A and fibronectin-binding protein B from <i>Staphylococcus aureus</i> . <i>FEBS Journal</i> , 2010 , 277, 4490-505	5.7	6
81	SEM evaluation of the root canal walls after treatment with Tetraclean. <i>International Journal of Artificial Organs</i> , 2010 , 33, 660-6	1.9	10
80	Low-power ultrasounds as a tool to culture human osteoblasts inside cancellous hydroxyapatite. <i>Bioinorganic Chemistry and Applications</i> , 2010 , 456240	4.2	10
79	Stem Cells Grown in Osteogenic Medium on PLGA, PLGA/HA, and Titanium Scaffolds for Surgical Applications. <i>Bioinorganic Chemistry and Applications</i> , 2010 , 831031	4.2	20
78	In vitro enhancement of SAOS-2 cell calcified matrix deposition onto radio frequency magnetron sputtered bioglass-coated titanium scaffolds. <i>Tissue Engineering - Part A</i> , 2010 , 16, 995-1008	3.9	33
77	Use of a gelatin cryogel as biomaterial scaffold in the differentiation process of human bone marrow stromal cells. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2010 , 2010, 247-50	0.9	13
76	In vitro electromagnetically stimulated SAOS-2 osteoblasts inside porous hydroxyapatite. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 93, 1272-9	5.4	15
75	Falsely elevated whole blood cyclosporine concentrations measured by an immunoassay with automated pretreatment. <i>Therapeutic Drug Monitoring</i> , 2010 , 32, 791-2	3.2	7
74	Antimicrobial activity of sodium hypochlorite-based irrigating solutions. <i>International Journal of Artificial Organs</i> , 2010 , 33, 654-9	1.9	15
73	Characterization of 26 <i>Staphylococcus warneri</i> isolates from orthopedic infections. <i>International Journal of Artificial Organs</i> , 2010 , 33, 575-81	1.9	40
72	Photodynamic action of Tri-meso (N-methyl-pyridyl), meso (N-tetradecyl-pyridyl) porphine on <i>Staphylococcus epidermidis</i> biofilms grown on Ti6Al4V alloy. <i>International Journal of Artificial Organs</i> , 2010 , 33, 636-45	1.9	36
71	Solubility of root canal sealers: a comparative study. <i>International Journal of Artificial Organs</i> , 2010 , 33, 676-81	1.9	18
70	Human adipose-derived stem cells (hASCs) proliferate and differentiate in osteoblast-like cells on trabecular titanium scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 94, 790-9	5.4	51
69	Polymorphisms of agr locus correspond to distinct genetic patterns of virulence in <i>Staphylococcus aureus</i> clinical isolates from orthopedic implant infections. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 94, 825-32	5.4	6

68	Biodegradable microgrooved polymeric surfaces obtained by photolithography for skeletal muscle cell orientation and myotube development. <i>Acta Biomaterialia</i> , 2010 , 6, 1948-57	10.8	83
67	The photodynamic effect of tetra-substituted N-methyl-pyridyl-porphine combined with the action of vancomycin or host defense mechanisms disrupts <i>Staphylococcus epidermidis</i> biofilms. <i>International Journal of Artificial Organs</i> , 2009 , 32, 574-83	1.9	31
66	Panton-Valentine leukocidin gene detected in <i>Staphylococcus aureus</i> strain isolated from a knee arthroprosthesis infection. <i>International Journal of Artificial Organs</i> , 2009 , 32, 630-4	1.9	6
65	Immune evasion by <i>Staphylococcus aureus</i> conferred by iron-regulated surface determinant protein IsdH. <i>Microbiology (United Kingdom)</i> , 2009 , 155, 667-679	2.9	52
64	Ultrasonic and electromagnetic enhancement of a culture of human SAOS-2 osteoblasts seeded onto a titanium plasma-spray surface. <i>Tissue Engineering - Part C: Methods</i> , 2009 , 15, 233-42	2.9	25
63	Identification of the amniotic fluid insulin-like growth factor binding protein-1 phosphorylation sites and propensity to proteolysis of the isoforms. <i>FEBS Journal</i> , 2009 , 276, 6033-46	5.7	17
62	The effect of photodynamic treatment combined with antibiotic action or host defence mechanisms on <i>Staphylococcus aureus</i> biofilms. <i>Biomaterials</i> , 2009 , 30, 3158-66	15.6	125
61	Structural and functional role of <i>Staphylococcus aureus</i> surface components recognizing adhesive matrix molecules of the host. <i>Future Microbiology</i> , 2009 , 4, 1337-52	2.9	92
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