

Antonio J Salgado

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.

139
papers

6,946
citations

42
h-index

81
g-index

152
ext. papers

8,028
ext. citations

5.8
avg, IF

6.03
L-index

#	Paper	IF	Citations
139	Immunomodulatory and regenerative effects of the full and fractioned adipose tissue derived stem cells secretome in spinal cord injury.. <i>Experimental Neurology</i> , 2022 , 113989	5.7	1
138	From regenerative strategies to pharmacological approaches: can we fine-tune treatment for Parkinson's disease?. <i>Neural Regeneration Research</i> , 2022 , 17, 933-936	4.5	4
137	Mesenchymal Stem Cell Secretome: A Potential Biopharmaceutical Component to Regenerative Medicine? 2022 , 1-33		
136	Cell transplantation and secretome based approaches in spinal cord injury regenerative medicine. <i>Medicinal Research Reviews</i> , 2021 ,	14.4	2
135	Systematic review and meta-analysis of preclinical studies testing mesenchymal stromal cells for traumatic brain injury. <i>Npj Regenerative Medicine</i> , 2021 , 6, 71	15.8	2
134	Unilateral Intrastratial 6-Hydroxydopamine Lesion in Mice: A Closer Look into Non-Motor Phenotype and Glial Response. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
133	Role of Baclofen in Modulating Spasticity and Neuroprotection in Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2021 ,	5.4	4
132	Glial restricted precursor cells in central nervous system disorders: Current applications and future perspectives. <i>Glia</i> , 2021 , 69, 513-531	9	6
131	Hypoxia and Hypoxia-Inducible Factor-1 β Regulate Endoplasmic Reticulum Stress in Nucleus Pulposus Cells: Implications of Endoplasmic Reticulum Stress for Extracellular Matrix Secretion. <i>American Journal of Pathology</i> , 2021 , 191, 487-502	5.8	5
130	Hydrogels as delivery systems for spinal cord injury regeneration. <i>Materials Today Bio</i> , 2021 , 9, 100093	9.9	8
129	Levetiracetam treatment leads to functional recovery after thoracic or cervical injuries of the spinal cord. <i>Npj Regenerative Medicine</i> , 2021 , 6, 11	15.8	4
128	Electroactive Smart Materials for Neural Tissue Regeneration.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 6604-6618	6.18	1
127	Mesenchymal stem cell secretome protects against alpha-synuclein-induced neurodegeneration in a <i>Caenorhabditis elegans</i> model of Parkinson's disease. <i>Cytotherapy</i> , 2021 , 23, 894-901	4.8	1
126	Fractionating stem cells secretome for Parkinson's disease modeling: Is it the whole better than the sum of its parts?. <i>Biochimie</i> , 2021 , 189, 87-98	4.6	1
125	Adult brain cytogenesis in the context of mood disorders: From neurogenesis to the emergent role of gliogenesis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 131, 411-428	9	0
124	Impact of Aging on the 6-OHDA-Induced Rat Model of Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	12
123	A combinatorial approach for spinal cord injury repair using multifunctional collagen-based matrices: development, characterization and impact on cell adhesion and axonal growth. <i>Biomedical Materials (Bristol)</i> , 2020 , 15, 055024	3.5	1

122	Evaluation of ASCs and HUVECs Co-cultures in 3D Biodegradable Hydrogels on Neurite Outgrowth and Vascular Organization. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 489	5.7	5
121	Role of mesenchymal stem cells in central nervous system regenerative medicine: past, present, and future 2020 , 539-570		
120	Unilateral accumbal dopamine depletion affects decision-making in a side-specific manner. <i>Experimental Neurology</i> , 2020 , 327, 113221	5.7	4
119	Exosome Circuitry During (De)(Re)Myelination of the Central Nervous System. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 483	5.7	8
118	Glial cells in Parkinson's disease: protective or deleterious?. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 5171-5188	10.3	10
117	Cell and Tissue Instructive Materials for Central Nervous System Repair. <i>Advanced Functional Materials</i> , 2020 , 30, 1909083	15.6	9
116	Cell Secretome: Basic Insights and Therapeutic Opportunities for CNS Disorders. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	19
115	Astrocyte signaling impacts the effects of human bone marrow mesenchymal stem cells secretome application into the hippocampus: A proliferation and morphometrical analysis on astrocytic cell populations. <i>Brain Research</i> , 2020 , 1732, 146700	3.7	0
114	Applications of the stem cell secretome in regenerative medicine 2020 , 79-114		1
113	Characterization of a Parkinson's disease rat model using an upgraded paraquat exposure paradigm. <i>European Journal of Neuroscience</i> , 2020 , 52, 3242-3255	3.5	8
112	Preclinical Comparison of Stem Cells Secretome and Levodopa Application in a 6-Hydroxydopamine Rat Model of Parkinson's Disease. <i>Cells</i> , 2020 , 9,	7.9	9
111	Mesenchymal stem cells secretome: current trends and future challenges. <i>Neural Regeneration Research</i> , 2020 , 15, 75-77	4.5	35
110	Cell therapies for spinal cord injury regeneration 2020 , 157-186		1
109	Splenic sympathetic signaling contributes to acute neutrophil infiltration of the injured spinal cord. <i>Journal of Neuroinflammation</i> , 2020 , 17, 282	10.1	6
108	Combination of a Gellan Gum-Based Hydrogel With Cell Therapy for the Treatment of Cervical Spinal Cord Injury. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 984	5.8	5
107	Filling the Gap: Neural Stem Cells as A Promising Therapy for Spinal Cord Injury. <i>Pharmaceuticals</i> , 2019 , 12,	5.2	37
106	Mesenchymal Stem Cells-derived Exosomes: A New Possible Therapeutic Strategy for Parkinson's Disease?. <i>Cells</i> , 2019 , 8,	7.9	54
105	Extremely low frequency magnetic field induces human neuronal differentiation through NMDA receptor activation. <i>Journal of Neural Transmission</i> , 2019 , 126, 1281-1290	4.3	9

104	Bone Marrow Mesenchymal Stem Cells Secretome Exerts Neuroprotective Effects in a Parkinson Disease Rat Model. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 294	5.8	35
103	Combinatorial therapies for spinal cord injury: strategies to induce regeneration. <i>Neural Regeneration Research</i> , 2019 , 14, 69-71	4.5	8
102	Generation of an induced pluripotent stem cell line (CSC-46) from a patient with Parkinson disease carrying a novel p.R301C mutation in the GBA gene. <i>Stem Cell Research</i> , 2019 , 34, 101373	1.6	4
101	Nanoengineered biomaterials for spinal cord regeneration 2019 , 167-185		4
100	Generation of an induced pluripotent stem cell line (CSC-44) from a Parkinson disease patient carrying a compound heterozygous mutation (c.823C>T and EX6 del) in the PARK2 gene. <i>Stem Cell Research</i> , 2018 , 27, 90-94	1.6	3
99	Generation of an induced pluripotent stem cell line (CSC-41) from a Parkinson disease patient carrying a p.G2019S mutation in the LRRK2 gene. <i>Stem Cell Research</i> , 2018 , 28, 44-47	1.6	3
98	Generation of an integration-free induced pluripotent stem cell line (CSC-43) from a patient with sporadic Parkinson disease. <i>Stem Cell Research</i> , 2018 , 27, 82-85	1.6	2
97	Co-Transplantation of Adipose Tissue-Derived Stromal Cells and Olfactory Ensheathing Cells for Spinal Cord Injury Repair. <i>Stem Cells</i> , 2018 , 36, 696-708	5.8	33
96	Safinamide: a new hope for Parkinson disease?. <i>Drug Discovery Today</i> , 2018 , 23, 736-744	8.8	24
95	Mesenchymal Stem Cell Secretome Improves Tendon Cell Viability In Vitro and Tendon-Bone Healing In Vivo When a Tissue Engineering Strategy Is Used in a Rat Model of Chronic Massive Rotator Cuff Tear. <i>American Journal of Sports Medicine</i> , 2018 , 46, 449-459	6.8	39
94	The Role of Biomaterials as Angiogenic Modulators of Spinal Cord Injury: Mimetics of the Spinal Cord, Cell and Angiogenic Factor Delivery Agents. <i>Frontiers in Pharmacology</i> , 2018 , 9, 164	5.6	16
93	Exploiting the impact of the secretome of MSCs isolated from different tissue sources on neuronal differentiation and axonal growth. <i>Biochimie</i> , 2018 , 155, 83-91	4.6	36
92	The impact of Mesenchymal Stem Cells and their secretome as a treatment for gliomas. <i>Biochimie</i> , 2018 , 155, 59-66	4.6	14
91	Immunomodulation as a neuroprotective strategy after spinal cord injury. <i>Neural Regeneration Research</i> , 2018 , 13, 423-424	4.5	6
90	$\alpha 5 \beta 1$ and $\alpha 6 \beta 1$ integrin-specific ligands: From tumor angiogenesis inhibitors to vascularization promoters in regenerative medicine?. <i>Biotechnology Advances</i> , 2018 , 36, 208-227	17.8	31
89	Cell secretome based approaches in Parkinson disease regenerative medicine. <i>Expert Opinion on Biological Therapy</i> , 2018 , 18, 1235-1245	5.4	16
88	Trait determinants of impulsive behavior: a comprehensive analysis of 188 rats. <i>Scientific Reports</i> , 2018 , 8, 17666	4.9	8
87	Secretome of Undifferentiated Neural Progenitor Cells Induces Histological and Motor Improvements in a Rat Model of Parkinson Disease. <i>Stem Cells Translational Medicine</i> , 2018 , 7, 829-838	6.9	34

86	Influence of passage number on the impact of the secretome of adipose tissue stem cells on neural survival, neurodifferentiation and axonal growth. <i>Biochimie</i> , 2018 , 155, 119-128	4.6	14
85	Old and new challenges in Parkinson β disease therapeutics. <i>Progress in Neurobiology</i> , 2017 , 156, 69-89	10.9	54
84	Crosstalk between glial and glioblastoma cells triggers the "go-or-grow" phenotype of tumor cells. <i>Cell Communication and Signaling</i> , 2017 , 15, 37	7.5	26
83	Impact of mesenchymal stem cells β secretome on glioblastoma pathophysiology. <i>Journal of Translational Medicine</i> , 2017 , 15, 200	8.5	22
82	Arthroscopic and open repair of massive rotator cuff tears have similar results: a systematic review. <i>Journal of ISAKOS</i> , 2017 , 2, 178-185	1.1	1
81	Mesenchymal stem cells secretome-induced axonal outgrowth is mediated by BDNF. <i>Scientific Reports</i> , 2017 , 7, 4153	4.9	43
80	Reverse shoulder arthroplasty for irreparable massive rotator cuff tears: a systematic review with meta-analysis and meta-regression. <i>Journal of Shoulder and Elbow Surgery</i> , 2017 , 26, e265-e277	4.3	70
79	Mesenchymal Stem Cell Secretome: A Potential Tool for the Prevention of Muscle Degenerative Changes Associated With Chronic Rotator Cuff Tears. <i>American Journal of Sports Medicine</i> , 2017 , 45, 179-188	6.8	46
78	Impact of the Secretome of Human Mesenchymal Stem Cells on Brain Structure and Animal Behavior in a Rat Model of Parkinson β Disease. <i>Stem Cells Translational Medicine</i> , 2017 , 6, 634-646	6.9	102
77	Systemic Interleukin-4 Administration after Spinal Cord Injury Modulates Inflammation and Promotes Neuroprotection. <i>Pharmaceuticals</i> , 2017 , 10,	5.2	23
76	Effect of Levodopa on Reward and Impulsivity in a Rat Model of Parkinson β Disease. <i>Frontiers in Behavioral Neuroscience</i> , 2017 , 11, 145	3.5	21
75	Influence of Different ECM-Like Hydrogels on Neurite Outgrowth Induced by Adipose Tissue-Derived Stem Cells. <i>Stem Cells International</i> , 2017 , 2017, 6319129	5	12
74	Biomaterials for Tendon Regeneration 2017 , 131-143		1
73	Combination of a peptide-modified gellan gum hydrogel with cell therapy in a lumbar spinal cord injury animal model. <i>Biomaterials</i> , 2016 , 105, 38-51	15.6	53
72	Modulation of the Mesenchymal Stem Cell Secretome Using Computer-Controlled Bioreactors: Impact on Neuronal Cell Proliferation, Survival and Differentiation. <i>Scientific Reports</i> , 2016 , 6, 27791	4.9	74
71	MSCs-Derived Exosomes: Cell-Secreted Nanovesicles with Regenerative Potential. <i>Frontiers in Pharmacology</i> , 2016 , 7, 231	5.6	149
70	The evolving concept of mesenchymal stromal cells in regenerative medicine 2016 , 222-235		
69	Modulation of Stem Cells Behavior Through Bioactive Surfaces 2016 , 67-86		1

68	Tips on How to Collect and Administer the Mesenchymal Stem Cell Secretome for Central Nervous System Applications. <i>Methods in Molecular Biology</i> , 2016 , 1416, 457-65	1.4	0
67	Unveiling the Differences of Secretome of Human Bone Marrow Mesenchymal Stem Cells, Adipose Tissue-Derived Stem Cells, and Human Umbilical Cord Perivascular Cells: A Proteomic Analysis. <i>Stem Cells and Development</i> , 2016 , 25, 1073-83	4.4	118
66	Bioengineered cell culture systems of central nervous system injury and disease. <i>Drug Discovery Today</i> , 2016 , 21, 1456-1463	8.8	4
65	Combining neuroprotective agents: effect of riluzole and magnesium in a rat model of thoracic spinal cord injury. <i>Spine Journal</i> , 2016 , 16, 1015-24	4	19
64	Secretome of mesenchymal progenitors from the umbilical cord acts as modulator of neural/gliial proliferation and differentiation. <i>Stem Cell Reviews and Reports</i> , 2015 , 11, 288-97	6.4	77
63	Animal model for chronic massive rotator cuff tear: behavioural and histologic analysis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015 , 23, 608-18	5.5	10
62	Failure of Y-27632 to improve the culture of adult human adipose-derived stem cells. <i>Stem Cells and Cloning: Advances and Applications</i> , 2015 , 8, 15-26	2.6	2
61	Mesenchymal stem cells secretome as a modulator of the neurogenic niche: basic insights and therapeutic opportunities. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 249	6.1	73
60	Stem Cells: Microenvironment, Micro/Nanotechnology, and Application. <i>Stem Cells International</i> , 2015 , 2015, 398510	5	1
59	Hydrogels and Cell Based Therapies in Spinal Cord Injury Regeneration. <i>Stem Cells International</i> , 2015 , 2015, 948040	5	103
58	Combinatorial Activity of Flavonoids with Antibiotics Against Drug-Resistant Staphylococcus aureus. <i>Microbial Drug Resistance</i> , 2015 , 21, 600-9	2.9	19
57	Hierarchical scaffolds enhance osteogenic differentiation of human Wharton's jelly derived stem cells. <i>Biofabrication</i> , 2015 , 7, 035009	10.5	16
56	Induction of neurite outgrowth in 3D hydrogel-based environments. <i>Biomedical Materials (Bristol)</i> , 2015 , 10, 051001	3.5	14
55	Do hypoxia/normoxia culturing conditions change the neuroregulatory profile of Wharton Jelly mesenchymal stem cell secretome?. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 133	8.3	47
54	Evaluation of the best method to assess antibiotic potentiation by phytochemicals against Staphylococcus aureus. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014 , 79, 125-34	2.9	15
53	From basics to clinical: a comprehensive review on spinal cord injury. <i>Progress in Neurobiology</i> , 2014 , 114, 25-57	10.9	459
52	In vitro evaluation of cell-seeded chitosan films for peripheral nerve tissue engineering. <i>Tissue Engineering - Part A</i> , 2014 , 20, 2339-49	3.9	38
51	Evaluation of the effects of selected phytochemicals on quorum sensing inhibition and in vitro cytotoxicity. <i>Biofouling</i> , 2014 , 30, 183-95	3.3	97

50	The Secretome of Bone Marrow and Wharton Jelly Derived Mesenchymal Stem Cells Induces Differentiation and Neurite Outgrowth in SH-SY5Y Cells. <i>Stem Cells International</i> , 2014 , 2014, 438352	5	33
49	Behavioral characterization of the 6-hydroxidopamine model of ParkinsonB disease and pharmacological rescuing of non-motor deficits. <i>Molecular Neurodegeneration</i> , 2013 , 8, 14	19	111
48	In vitro evaluation of the cytotoxicity and cellular uptake of CMChT/PAMAM dendrimer nanoparticles by glioblastoma cell models. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	7
47	Unveiling the effects of the secretome of mesenchymal progenitors from the umbilical cord in different neuronal cell populations. <i>Biochimie</i> , 2013 , 95, 2297-303	4.6	36
46	Benefits of spine stabilization with biodegradable scaffolds in spinal cord injured rats. <i>Tissue Engineering - Part C: Methods</i> , 2013 , 19, 101-8	2.9	15
45	De novo bone formation on macro/microporous silk and silk/nano-sized calcium phosphate scaffolds. <i>Journal of Bioactive and Compatible Polymers</i> , 2013 , 28, 439-452	2	26
44	Modulation of bone marrow mesenchymal stem cell secretome by ECM-like hydrogels. <i>Biochimie</i> , 2013 , 95, 2314-9	4.6	46
43	Chitosan tubes of varying degrees of acetylation for bridging peripheral nerve defects. <i>Biomaterials</i> , 2013 , 34, 9886-904	15.6	113
42	Development and characterization of a PHB-HV-based 3D scaffold for a tissue engineering and cell-therapy combinatorial approach for spinal cord injury regeneration. <i>Macromolecular Bioscience</i> , 2013 , 13, 1576-92	5.5	42
41	Tissue engineering and regenerative medicine: past, present, and future. <i>International Review of Neurobiology</i> , 2013 , 108, 1-33	4.4	69
40	Combining adult stem cells and olfactory ensheathing cells: the secretome effect. <i>Stem Cells and Development</i> , 2013 , 22, 1232-40	4.4	20
39	Microglia response and in vivo therapeutic potential of methylprednisolone-loaded dendrimer nanoparticles in spinal cord injury. <i>Small</i> , 2013 , 9, 738-49	11	76
38	Mesenchymal stem cells secretome: a new paradigm for central nervous system regeneration?. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 3871-82	10.3	217
37	Rodent models of ParkinsonB disease: beyond the motor symptomatology. <i>Frontiers in Behavioral Neuroscience</i> , 2013 , 7, 175	3.5	88
36	The effects of peptide modified gellan gum and olfactory ensheathing glia cells on neural stem/progenitor cell fate. <i>Biomaterials</i> , 2012 , 33, 6345-54	15.6	112
35	BIOHYBRID - Biohybrid templates for peripheral nerve regeneration. <i>Journal of the Peripheral Nervous System</i> , 2012 , 17, 220-2	4.7	7
34	Interactions between Schwann and olfactory ensheathing cells with a starch/polycaprolactone scaffold aimed at spinal cord injury repair. <i>Journal of Biomedical Materials Research - Part A</i> , 2012 , 100, 470-6	5.4	25
33	Angiogenic potential of gellan-gum-based hydrogels for application in nucleus pulposus regeneration: in vivo study. <i>Tissue Engineering - Part A</i> , 2012 , 18, 1203-12	3.9	85

32	Peripheral mineralization of a 3D biodegradable tubular construct as a way to enhance guidance stabilization in spinal cord injury regeneration. <i>Journal of Materials Science: Materials in Medicine</i> , 2012 , 23, 2821-30	4.5	21
31	The secretome of stem cells isolated from the adipose tissue and Wharton jelly acts differently on central nervous system derived cell populations. <i>Stem Cell Research and Therapy</i> , 2012 , 3, 18	8.3	88
30	Multifunctionalized CMChT/PAMAM dendrimer nanoparticles modulate the cellular uptake by astrocytes and oligodendrocytes in primary cultures of glial cells. <i>Macromolecular Bioscience</i> , 2012 , 12, 591-7	5.5	28
29	Development of gellan gum-based microparticles/hydrogel matrices for application in the intervertebral disc regeneration. <i>Tissue Engineering - Part C: Methods</i> , 2011 , 17, 961-72	2.9	74
28	In vivo biodistribution of carboxymethylchitosan/poly(amidoamine) dendrimer nanoparticles in rats. <i>Journal of Bioactive and Compatible Polymers</i> , 2011 , 26, 619-627	2	18
27	Mesenchymal stem cells in the umbilical cord: phenotypic characterization, secretome and applications in central nervous system regenerative medicine. <i>Current Stem Cell Research and Therapy</i> , 2011 , 6, 221-8	3.6	80
26	The secretome of bone marrow mesenchymal stem cells-conditioned media varies with time and drives a distinct effect on mature neurons and glial cells (primary cultures). <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011 , 5, 668-72	4.4	48
25	Microchannel-patterned and heparin micro-contact-printed biodegradable composite membranes for tissue-engineering applications. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011 , 5, e108-14	4.4	13
24	Adipose tissue derived stem cells secretome: soluble factors and their roles in regenerative medicine. <i>Current Stem Cell Research and Therapy</i> , 2010 , 5, 103-10	3.6	402
23	Development and characterization of a novel hybrid tissue engineering-based scaffold for spinal cord injury repair. <i>Tissue Engineering - Part A</i> , 2010 , 16, 45-54	3.9	96
22	Role of human umbilical cord mesenchymal progenitors conditioned media in neuronal/glial cell densities, viability, and proliferation. <i>Stem Cells and Development</i> , 2010 , 19, 1067-74	4.4	37
21	Carboxymethylchitosan/poly(amidoamine) dendrimer nanoparticles in central nervous systems-regenerative medicine: effects on neuron/glial cell viability and internalization efficiency. <i>Macromolecular Bioscience</i> , 2010 , 10, 1130-40	5.5	20
20	Dendrimers and derivatives as a potential therapeutic tool in regenerative medicine strategies: A review. <i>Progress in Polymer Science</i> , 2010 , 35, 1163-1194	29.6	156
19	Effects of Starch/ Polycaprolactone-based Blends for Spinal Cord Injury Regeneration in Neurons/Glial Cells Viability and Proliferation. <i>Journal of Bioactive and Compatible Polymers</i> , 2009 , 24, 235-248	2	15
18	Assessment of the suitability of chitosan/polybutylene succinate scaffolds seeded with mouse mesenchymal progenitor cells for a cartilage tissue engineering approach. <i>Tissue Engineering - Part A</i> , 2008 , 14, 1651-61	3.9	45
17	Hydrogels for spinal cord injury regeneration 2008 , 570-594		2
16	Adhesion, Proliferation, and Osteogenic Differentiation of a Mouse Mesenchymal Stem Cell Line (BMC9) Seeded on Novel Melt-Based Chitosan/Polyester 3D Porous Scaffolds. <i>Tissue Engineering - Part A</i> , 2008 , 14, 1049-1057	3.9	64
15	Adhesion, proliferation, and osteogenic differentiation of a mouse mesenchymal stem cell line (BMC9) seeded on novel melt-based chitosan/polyester 3D porous scaffolds. <i>Tissue Engineering - Part A</i> , 2008 , 14, 1049-57	3.9	12

14	In vivo response to starch-based scaffolds designed for bone tissue engineering applications. <i>Journal of Biomedical Materials Research - Part A</i> , 2007 , 80, 983-9	5.4	57
13	Influence of Molecular Weight and Crystallinity of Poly(L-Lactic Acid) on the Adhesion and Proliferation of Human Osteoblast Like Cells. <i>Materials Science Forum</i> , 2006 , 514-516, 1020-1024	0.4	13
12	Adult stem cells in bone and cartilage tissue engineering. <i>Current Stem Cell Research and Therapy</i> , 2006 , 1, 345-64	3.6	64
11	Nano- and micro-fiber combined scaffolds: a new architecture for bone tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2005 , 16, 1099-104	4.5	278
10	Biological response to pre-mineralized starch based scaffolds for bone tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2005 , 16, 267-75	4.5	45
9	Multichannel mould processing of 3D structures from microporous coralline hydroxyapatite granules and chitosan support materials for guided tissue regeneration/engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2004 , 15, 161-5	4.5	20
8	Bone tissue engineering: state of the art and future trends. <i>Macromolecular Bioscience</i> , 2004 , 4, 743-65	5.5	1254
7	Isolation and osteogenic differentiation of bone-marrow progenitor cells for application in tissue engineering. <i>Methods in Molecular Biology</i> , 2004 , 238, 123-30	1.4	6
6	Novel starch-based scaffolds for bone tissue engineering: cytotoxicity, cell culture, and protein expression. <i>Tissue Engineering</i> , 2004 , 10, 465-74		131
5	Osteogenic induction of human bone marrow-derived mesenchymal progenitor cells in novel synthetic polymer-hydrogel matrices. <i>Tissue Engineering</i> , 2003 , 9, 689-702		145
4	Polymer based scaffolds and carriers for bioactive agents from different natural origin materials. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 534, 201-33	3.6	12
3	Preliminary study on the adhesion and proliferation of human osteoblasts on starch-based scaffolds. <i>Materials Science and Engineering C</i> , 2002 , 20, 27-33	8.3	91
2	Role of kainate receptor activation and desensitization on the $[Ca^{2+}]_i$ changes in cultured rat hippocampal neurons. <i>Journal of Neuroscience Research</i> , 2001 , 65, 378-86	4.4	22
1	Magnetic resonance imaging of acute infarction of the anterior spinal cord. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1998 , 64, 279-81	5.5	7