Antonio J Salgado

List of Publications by Citations

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	Bone tissue engineering: state of the art and future trends. *Macromolecular Bioscience*, **2004**, 4, 743-65	5.5	1254
138	From basics to clinical: a comprehensive review on spinal cord injury. *Progress in Neurobiology*, **2014** , 114, 25-57	10.9	459
137	Adipose tissue derived stem cells secretome: soluble factors and their roles in regenerative medicine. *Current Stem Cell Research and Therapy*, **2010**, 5, 103-10	3.6	402
136	Nano- and micro-fiber combined scaffolds: a new architecture for bone tissue engineering. *Journal of Materials Science: Materials in Medicine*, **2005**, 16, 1099-104	4.5	278
135	Mesenchymal stem cells secretome: a new paradigm for central nervous system regeneration?. *Cellular and Molecular Life Sciences*, **2013**, 70, 3871-82	10.3	217
134	Dendrimers and derivatives as a potential therapeutic tool in regenerative medicine strategies: A review. *Progress in Polymer Science*, **2010**, 35, 1163-1194	29.6	156
133	MSCs-Derived Exosomes: Cell-Secreted Nanovesicles with Regenerative Potential. *Frontiers in Pharmacology*, **2016**, 7, 231	5.6	149
132	Osteogenic induction of human bone marrow-derived mesenchymal progenitor cells in novel synthetic polymer-hydrogel matrices. *Tissue Engineering*, **2003**, 9, 689-702		145
131	Novel starch-based scaffolds for bone tissue engineering: cytotoxicity, cell culture, and protein expression. *Tissue Engineering*, **2004**, 10, 465-74		131
130	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. *Stem Cells and Development*, **2016**, 25, 1073-83	4.4	118
129	Chitosan tubes of varying degrees of acetylation for bridging peripheral nerve defects. *Biomaterials* , **2013**, 34, 9886-904	15.6	113
128	The effects of peptide modified gellan gum and olfactory ensheathing glia cells on neural stem/progenitor cell fate. *Biomaterials*, **2012**, 33, 6345-54	15.6	112
127	Behavioral characterization of the 6-hydroxidopamine model of Parkinson's disease and pharmacological rescuing of non-motor deficits. *Molecular Neurodegeneration*, **2013**, 8, 14	19	111
126	Hydrogels and Cell Based Therapies in Spinal Cord Injury Regeneration. *Stem Cells International*, **2015**, 2015, 948040	5	103
125	Impact of the Secretome of Human Mesenchymal Stem Cells on Brain Structure and Animal Behavior in a Rat Model of Parkinson's Disease. *Stem Cells Translational Medicine*, **2017**, 6, 634-646	6.9	102
124	Evaluation of the effects of selected phytochemicals on quorum sensing inhibition and in vitro cytotoxicity. *Biofouling*, **2014**, 30, 183-95	3.3	97
123	Development and characterization of a novel hybrid tissue engineering-based scaffold for spinal cord injury repair. *Tissue Engineering - Part A*, **2010**, 16, 45-54	3.9	96

122	Preliminary study on the adhesion and proliferation of human osteoblasts on starch-based scaffolds. *Materials Science and Engineering C*, **2002**, 20, 27-33	8.3	91
121	The secretome of stem cells isolated from the adipose tissue and Wharton jelly acts differently on central nervous system derived cell populations. *Stem Cell Research and Therapy*, **2012**, 3, 18	8.3	88
120	Rodent models of Parkinson's disease: beyond the motor symptomatology. *Frontiers in Behavioral Neuroscience*, **2013**, 7, 175	3.5	88
119	Angiogenic potential of gellan-gum-based hydrogels for application in nucleus pulposus regeneration: in vivo study. *Tissue Engineering - Part A*, **2012**, 18, 1203-12	3.9	85
118	Mesenchymal stem cells in the umbilical cord: phenotypic characterization, secretome and applications in central nervous system regenerative medicine. *Current Stem Cell Research and Therapy*, **2011**, 6, 221-8	3.6	80
117	Secretome of mesenchymal progenitors from the umbilical cord acts as modulator of neural/glial proliferation and differentiation. *Stem Cell Reviews and Reports*, **2015**, 11, 288-97	6.4	77
116	Microglia response and in vivo therapeutic potential of methylprednisolone-loaded dendrimer nanoparticles in spinal cord injury. *Small*, **2013**, 9, 738-49	11	76
115	Modulation of the Mesenchymal Stem Cell Secretome Using Computer-Controlled Bioreactors: Impact on Neuronal Cell Proliferation, Survival and Differentiation. *Scientific Reports*, **2016**, 6, 27791	4.9	74
114	Development of gellan gum-based microparticles/hydrogel matrices for application in the intervertebral disc regeneration. *Tissue Engineering - Part C: Methods*, **2011**, 17, 961-72	2.9	74
113	Mesenchymal stem cells secretome as a modulator of the neurogenic niche: basic insights and therapeutic opportunities. *Frontiers in Cellular Neuroscience*, **2015**, 9, 249	6.1	73
112	Reverse shoulder arthroplasty for irreparable massive rotator cuff tears: a systematic review with meta-analysis and meta-regression. *Journal of Shoulder and Elbow Surgery*, **2017**, 26, e265-e277	4.3	70
111	Tissue engineering and regenerative medicine: past, present, and future. *International Review of Neurobiology*, **2013**, 108, 1-33	4.4	69
110	Adhesion, Proliferation, and Osteogenic Differentiation of a Mouse Mesenchymal Stem Cell Line (BMC9) Seeded on Novel Melt-Based Chitosan/Polyester 3D Porous Scaffolds. *Tissue Engineering - Part A*, **2008**, 14, 1049-1057	3.9	64
109	Adult stem cells in bone and cartilage tissue engineering. *Current Stem Cell Research and Therapy*, **2006**, 1, 345-64	3.6	64
108	In vivo response to starch-based scaffolds designed for bone tissue engineering applications. *Journal of Biomedical Materials Research - Part A*, **2007**, 80, 983-9	5.4	57
107	Old and new challenges in Parkinson's disease therapeutics. *Progress in Neurobiology*, **2017**, 156, 69-89	10.9	54
106	Mesenchymal Stem Cells-derived Exosomes: A New Possible Therapeutic Strategy for Parkinson's Disease?. *Cells*, **2019**, 8,	7.9	54
105	Combination of a peptide-modified gellan gum hydrogel with cell therapy in a lumbar spinal cord injury animal model. *Biomaterials*, **2016**, 105, 38-51	15.6	53

104	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). *Journal of Tissue Engineering and Regenerative Medicine*, **2011**, 5, 668-72	4.4	48
103	Do hypoxia/normoxia culturing conditions change the neuroregulatory profile of Wharton Jelly mesenchymal stem cell secretome?. *Stem Cell Research and Therapy*, **2015**, 6, 133	8.3	47
102	Modulation of bone marrow mesenchymal stem cell secretome by ECM-like hydrogels. *Biochimie*, **2013**, 95, 2314-9	4.6	46
101	Mesenchymal Stem Cell Secretome: A Potential Tool for the Prevention of Muscle Degenerative Changes Associated With Chronic Rotator Cuff Tears. *American Journal of Sports Medicine*, **2017**, 45, 179-188	6.8	46
100	Assessment of the suitability of chitosan/polybutylene succinate scaffolds seeded with mouse mesenchymal progenitor cells for a cartilage tissue engineering approach. *Tissue Engineering - Part A*, **2008**, 14, 1651-61	3.9	45
99	Biological response to pre-mineralized starch based scaffolds for bone tissue engineering. *Journal of Materials Science: Materials in Medicine*, **2005**, 16, 267-75	4.5	45
98	Mesenchymal stem cells secretome-induced axonal outgrowth is mediated by BDNF. *Scientific Reports*, **2017**, 7, 4153	4.9	43
97	Development and characterization of a PHB-HV-based 3D scaffold for a tissue engineering and cell-therapy combinatorial approach for spinal cord injury regeneration. *Macromolecular Bioscience*, **2013**, 13, 1576-92	5.5	42
96	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. *American Journal of Sports Medicine*, **2018**, 46, 449-459	6.8	39
95	In vitro evaluation of cell-seeded chitosan films for peripheral nerve tissue engineering. *Tissue Engineering - Part A*, **2014**, 20, 2339-49	3.9	38
94	Filling the Gap: Neural Stem Cells as A Promising Therapy for Spinal Cord Injury. *Pharmaceuticals*, **2019**, 12,	5.2	37
93	Role of human umbilical cord mesenchymal progenitors conditioned media in neuronal/glial cell densities, viability, and proliferation. *Stem Cells and Development*, **2010**, 19, 1067-74	4.4	37
92	Exploiting the impact of the secretome of MSCs isolated from different tissue sources on neuronal differentiation and axonal growth. *Biochimie*, **2018**, 155, 83-91	4.6	36
91	Unveiling the effects of the secretome of mesenchymal progenitors from the umbilical cord in different neuronal cell populations. *Biochimie*, **2013**, 95, 2297-303	4.6	36
90	Bone Marrow Mesenchymal Stem Cells' Secretome Exerts Neuroprotective Effects in a Parkinson's Disease Rat Model. *Frontiers in Bioengineering and Biotechnology*, **2019**, 7, 294	5.8	35
89	Mesenchymal stem cells secretome: current trends and future challenges. *Neural Regeneration Research*, **2020**, 15, 75-77	4.5	35
88	Secretome of Undifferentiated Neural Progenitor Cells Induces Histological and Motor Improvements in a Rat Model of Parkinson's Disease. *Stem Cells Translational Medicine*, **2018**, 7, 829-838	6.9	34
87	Co-Transplantation of Adipose Tissue-Derived Stromal Cells and Olfactory Ensheathing Cells for Spinal Cord Injury Repair. *Stem Cells*, **2018**, 36, 696-708	5.8	33

86	The Secretome of Bone Marrow and Wharton Jelly Derived Mesenchymal Stem Cells Induces Differentiation and Neurite Outgrowth in SH-SY5Y Cells. *Stem Cells International*, **2014**, 2014, 438352	5	33
85	VB and 51 integrin-specific ligands: From tumor angiogenesis inhibitors to vascularization promoters in regenerative medicine?. *Biotechnology Advances*, **2018**, 36, 208-227	17.8	31
84	Multifunctionalized CMCht/PAMAM dendrimer nanoparticles modulate the cellular uptake by astrocytes and oligodendrocytes in primary cultures of glial cells. *Macromolecular Bioscience*, **2012**, 12, 591-7	5.5	28
83	Crosstalk between glial and glioblastoma cells triggers the "go-or-grow" phenotype of tumor cells. *Cell Communication and Signaling*, **2017**, 15, 37	7.5	26
82	De novo bone formation on macro/microporous silk and silk/nano-sized calcium phosphate scaffolds. *Journal of Bioactive and Compatible Polymers*, **2013**, 28, 439-452	2	26
81	Interactions between Schwann and olfactory ensheathing cells with a starch/polycaprolactone scaffold aimed at spinal cord injury repair. *Journal of Biomedical Materials Research - Part A*, **2012**, 100, 470-6	5.4	25
80	Safinamide: a new hope for Parkinson's disease?. *Drug Discovery Today*, **2018**, 23, 736-744	8.8	24
79	Systemic Interleukin-4 Administration after Spinal Cord Injury Modulates Inflammation and Promotes Neuroprotection. *Pharmaceuticals*, **2017**, 10,	5.2	23
78	Impact of mesenchymal stem cells' secretome on glioblastoma pathophysiology. *Journal of Translational Medicine*, **2017**, 15, 200	8.5	22
77	Role of kainate receptor activation and desensitization on the [Ca(2+)](i) changes in cultured rat hippocampal neurons. *Journal of Neuroscience Research*, **2001**, 65, 378-86	4.4	22
76	Effect of Levodopa on Reward and Impulsivity in a Rat Model of Parkinson's Disease. *Frontiers in Behavioral Neuroscience*, **2017**, 11, 145	3.5	21
75	Peripheral mineralization of a 3D biodegradable tubular construct as a way to enhance guidance stabilization in spinal cord injury regeneration. *Journal of Materials Science: Materials in Medicine*, **2012**, 23, 2821-30	4.5	21
74	Combining adult stem cells and olfactory ensheathing cells: the secretome effect. *Stem Cells and Development*, **2013**, 22, 1232-40	4.4	20
73	Carboxymethylchitosan/poly(amidoamine) dendrimer nanoparticles in central nervous systems-regenerative medicine: effects on neuron/glial cell viability and internalization efficiency. *Macromolecular Bioscience*, **2010**, 10, 1130-40	5.5	20
72	Multichannel mould processing of 3D structures from microporous coralline hydroxyapatite granules and chitosan support materials for guided tissue regeneration/engineering. *Journal of Materials Science: Materials in Medicine*, **2004**, 15, 161-5	4.5	20
71	Cell Secretome: Basic Insights and Therapeutic Opportunities for CNS Disorders. *Pharmaceuticals*, **2020**, 13,	5.2	19
70	Combinatorial Activity of Flavonoids with Antibiotics Against Drug-Resistant Staphylococcus aureus. *Microbial Drug Resistance*, **2015**, 21, 600-9	2.9	19
69	Combining neuroprotective agents: effect of riluzole and magnesium in a rat model of thoracic spinal cord injury. *Spine Journal*, **2016**, 16, 1015-24	4	19

68	In vivo biodistribution of carboxymethylchitosan/poly(amidoamine) dendrimer nanoparticles in rats. *Journal of Bioactive and Compatible Polymers*, **2011**, 26, 619-627	2	18
67	The Role of Biomaterials as Angiogenic Modulators of Spinal Cord Injury: Mimetics of the Spinal Cord, Cell and Angiogenic Factor Delivery Agents. *Frontiers in Pharmacology*, **2018**, 9, 164	5.6	16
66	Hierarchical scaffolds enhance osteogenic differentiation of human Wharton's jelly derived stem cells. *Biofabrication*, **2015**, 7, 035009	10.5	16
65	Cell secretome based approaches in Parkinson's disease regenerative medicine. *Expert Opinion on Biological Therapy*, **2018**, 18, 1235-1245	5.4	16
64	Evaluation of the best method to assess antibiotic potentiation by phytochemicals against Staphylococcus aureus. *Diagnostic Microbiology and Infectious Disease*, **2014**, 79, 125-34	2.9	15
63	Benefits of spine stabilization with biodegradable scaffolds in spinal cord injured rats. *Tissue Engineering - Part C: Methods*, **2013**, 19, 101-8	2.9	15
62	Effects of Starch/ Polycaprolactone-based Blends for Spinal Cord Injury Regeneration in Neurons/Glial Cells Viability and Proliferation. *Journal of Bioactive and Compatible Polymers*, **2009**, 24, 235-248	2	15
61	The impact of Mesenchymal Stem Cells and their secretome as a treatment for gliomas. *Biochimie*, **2018**, 155, 59-66	4.6	14
60	Induction of neurite outgrowth in 3D hydrogel-based environments. *Biomedical Materials (Bristol)*, **2015**, 10, 051001	3.5	14
59	Influence of passage number on the impact of the secretome of adipose tissue stem cells on neural survival, neurodifferentiation and axonal growth. *Biochimie*, **2018**, 155, 119-128	4.6	14
58	Microchannel-patterned and heparin micro-contact-printed biodegradable composite membranes for tissue-engineering applications. *Journal of Tissue Engineering and Regenerative Medicine*, **2011**, 5, e108-14	4.4	13
57	Influence of Molecular Weight and Crystallinity of Poly(L-Lactic Acid) on the Adhesion and Proliferation of Human Osteoblast Like Cells. *Materials Science Forum*, **2006**, 514-516, 1020-1024	0.4	13
56	Impact of Aging on the 6-OHDA-Induced Rat Model of Parkinson's Disease. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	12
55	Influence of Different ECM-Like Hydrogels on Neurite Outgrowth Induced by Adipose Tissue-Derived Stem Cells. *Stem Cells International*, **2017**, 2017, 6319129	5	12
54	Adhesion, proliferation, and osteogenic differentiation of a mouse mesenchymal stem cell line (BMC9) seeded on novel melt-based chitosan/polyester 3D porous scaffolds. *Tissue Engineering - Part A*, **2008**, 14, 1049-57	3.9	12
53	Polymer based scaffolds and carriers for bioactive agents from different natural origin materials. *Advances in Experimental Medicine and Biology*, **2003**, 534, 201-33	3.6	12
52	Animal model for chronic massive rotator cuff tear: behavioural and histologic analysis. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2015**, 23, 608-18	5.5	10
51	Glial cells in Parkinson's disease: protective or deleterious?. *Cellular and Molecular Life Sciences*, **2020**, 77, 5171-5188	10.3	10

50	Cell and Tissue Instructive Materials for Central Nervous System Repair. *Advanced Functional Materials*, **2020**, 30, 1909083	15.6	9
49	Preclinical Comparison of Stem Cells Secretome and Levodopa Application in a 6-Hydroxydopamine Rat Model of Parkinson Disease. *Cells*, **2020**, 9,	7.9	9
48	Extremely low frequency magnetic field induces human neuronal differentiation through NMDA receptor activation. *Journal of Neural Transmission*, **2019**, 126, 1281-1290	4.3	9
47	Exosome Circuitry During (De)(Re)Myelination of the Central Nervous System. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 483	5.7	8
46	Characterization of a Parkinson disease rat model using an upgraded paraquat exposure paradigm. *European Journal of Neuroscience*, **2020**, 52, 3242-3255	3.5	8
45	Combinatorial therapies for spinal cord injury: strategies to induce regeneration. *Neural Regeneration Research*, **2019**, 14, 69-71	4.5	8
44	Hydrogels as delivery systems for spinal cord injury regeneration. *Materials Today Bio*, **2021**, 9, 100093	9.9	8
43	Trait determinants of impulsive behavior: a comprehensive analysis of 188 rats. *Scientific Reports*, **2018**, 8, 17666	4.9	8
42	BIOHYBRID - Biohybrid templates for peripheral nerve regeneration. *Journal of the Peripheral Nervous System*, **2012**, 17, 220-2	4.7	7
41	In vitro evaluation of the cytotoxicity and cellular uptake of CMCht/PAMAM dendrimer nanoparticles by glioblastoma cell models. *Journal of Nanoparticle Research*, **2013**, 15, 1	2.3	7
40	Magnetic resonance imaging of acute infarction of the anterior spinal cord. *Journal of Neurology, Neurosurgery and Psychiatry*, **1998**, 64, 279-81	5.5	7
39	Isolation and osteogenic differentiation of bone-marrow progenitor cells for application in tissue engineering. *Methods in Molecular Biology*, **2004**, 238, 123-30	1.4	6
38	Immunomodulation as a neuroprotective strategy after spinal cord injury. *Neural Regeneration Research*, **2018**, 13, 423-424	4.5	6
37	Splenic sympathetic signaling contributes to acute neutrophil infiltration of the injured spinal cord. *Journal of Neuroinflammation*, **2020**, 17, 282	10.1	6
36	Glial restricted precursor cells in central nervous system disorders: Current applications and future perspectives. *Glia*, **2021**, 69, 513-531	9	6
35	Evaluation of ASCs and HUVECs Co-cultures in 3D Biodegradable Hydrogels on Neurite Outgrowth and Vascular Organization. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 489	5.7	5
34	Combination of a Gellan Gum-Based Hydrogel With Cell Therapy for the Treatment of Cervical Spinal Cord Injury. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 984	5.8	5
33	Hypoxia and Hypoxia-Inducible Factor-1 Regulate Endoplasmic Reticulum Stress in Nucleus Pulposus Cells: Implications of Endoplasmic Reticulum Stress for Extracellular Matrix Secretion. *American Journal of Pathology*, **2021**, 191, 487-502	5.8	5

32	Unilateral accumbal dopamine depletion affects decision-making in a side-specific manner. *Experimental Neurology*, **2020**, 327, 113221	5.7	4
31	Role of Baclofen in Modulating Spasticity and Neuroprotection in Spinal Cord Injury. *Journal of Neurotrauma*, **2021**,	5.4	4
30	Bioengineered cell culture systems of central nervous system injury and disease. *Drug Discovery Today*, **2016**, 21, 1456-1463	8.8	4
29	Generation of an induced pluripotent stem cell line (CSC-46) from a patient with Parkinsonβ disease carrying a novel p.R301C mutation in the GBA gene. *Stem Cell Research*, **2019**, 34, 101373	1.6	4
28	Nanoengineered biomaterials for spinal cord regeneration **2019**, 167-185		4
27	Levetiracetam treatment leads to functional recovery after thoracic or cervical injuries of the spinal cord. *Npj Regenerative Medicine*, **2021**, 6, 11	15.8	4
26	From regenerative strategies to pharmacological approaches: can we fine-tune treatment for Parkinsonβ disease?. *Neural Regeneration Research*, **2022**, 17, 933-936	4.5	4
25	Generation of an induced pluripotent stem cell line (CSC-44) from a Parkinsonβ disease patient carrying a compound heterozygous mutation (c.823C>T and EX6 del) in the PARK2 gene. *Stem Cell Research*, **2018**, 27, 90-94	1.6	3
24	Generation of an induced pluripotent stem cell line (CSC-41) from a Parkinsonβ disease patient carrying a p.G2019S mutation in the LRRK2 gene. *Stem Cell Research*, **2018**, 28, 44-47	1.6	3
23	Unilateral Intrastriatal 6-Hydroxydopamine Lesion in Mice: A Closer Look into Non-Motor Phenotype and Glial Response. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
22	Generation of an integration-free induced pluripotent stem cell line (CSC-43) from a patient with sporadic Parkinsonβ disease. *Stem Cell Research*, **2018**, 27, 82-85	1.6	2
21	Failure of Y-27632 to improve the culture of adult human adipose-derived stem cells. *Stem Cells and Cloning: Advances and Applications*, **2015**, 8, 15-26	2.6	2
20	Hydrogels for spinal cord injury regeneration **2008**, 570-594		2
19	Cell transplantation and secretome based approaches in spinal cord injury regenerative medicine. *Medicinal Research Reviews*, **2021**,	14.4	2
18	Systematic review and meta-analysis of preclinical studies testing mesenchymal stromal cells for traumatic brain injury. *Npj Regenerative Medicine*, **2021**, 6, 71	15.8	2
17	A combinatorial approach for spinal cord injury repair using multifunctional collagen-based matrices: development, characterization and impact on cell adhesion and axonal growth. *Biomedical Materials (Bristol)*, **2020**, 15, 055024	3.5	1
16	Applications of the stem cell secretome in regenerative medicine **2020**, 79-114		1
15	Arthroscopic and open repair of massive rotator cuff tears have similar results: a systematic review. *Journal of ISAKOS*, **2017**, 2, 178-185	1.1	1

List of Publications

14	Stem Cells: Microenvironment, Micro/Nanotechnology, and Application. *Stem Cells International*, **2015**, 2015, 398510	5	1
13	Immunomodulatory and regenerative effects of the full and fractioned adipose tissue derived stem cells secretome in spinal cord injury.. *Experimental Neurology*, **2022**, 113989	5.7	1
12	Biomaterials for Tendon Regeneration **2017**, 131-143		1
11	Cell therapies for spinal cord injury regeneration **2020**, 157-186		1
10	Modulation of Stem Cells Behavior Through Bioactive Surfaces **2016**, 67-86		1
9	Electroactive Smart Materials for Neural Tissue Regeneration.. *ACS Applied Bio Materials*, **2021**, 4, 6604-6618	4.6	1
8	Mesenchymal stem cell secretome protects against alpha-synuclein-induced neurodegeneration in a Caenorhabditis elegans model of Parkinson's disease. *Cytotherapy*, **2021**, 23, 894-901	4.8	1
7	Fractionating stem cells secretome for Parkinson's disease modeling: Is it the whole better than the sum of its parts?. *Biochimie*, **2021**, 189, 87-98	4.6	1
6	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. *Brain Research*, **2020**, 1732, 146700	3.7	0
5	Tips on How to Collect and Administer the Mesenchymal Stem Cell Secretome for Central Nervous System Applications. *Methods in Molecular Biology*, **2016**, 1416, 457-65	1.4	0
4	Adult brain cytogenesis in the context of mood disorders: From neurogenesis to the emergent role of gliogenesis. *Neuroscience and Biobehavioral Reviews*, **2021**, 131, 411-428	9	0
3	Role of mesenchymal stem cells in central nervous system regenerative medicine: past, present, and future **2020**, 539-570		
2	The evolving concept of mesenchymal stromal cells in regenerative medicine **2016**, 222-235		
1	Mesenchymal Stem Cell Secretome: A Potential Biopharmaceutical Component to Regenerative Medicine? **2022**, 1-33		