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List of PR Articles by Year in descending order

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59 PR articles	2,389 PR citations	195116 25 PR h-index	178149 47 g-index
61 documents	2651 doc citations	206347 26 h-index	4317 citing authors

#	Article	IF	PR Citations
1	The Effect of Aligned and Random PCL-Human Amniotic Membrane Powder Scaffolds on Retinal Tissue Engineering. Advances in Materials Science and Engineering, 2023, 2023, 1-11.	1.7	3
2	Assessing physicochemical, mechanical, and in vitro biological properties of polycaprolactone/poly(glycerol sebacate)/hydroxyapatite composite scaffold for nerve tissue engineering. Materials Chemistry and Physics, 2022, 275, 125224.	4.5	24
3	Electroâ€conductive nanofibrous structure based on <scp>PGS</scp>/<scp>PCL</scp> coated with <scp>PPy</scp> by in situ chemical polymerization applicable as cardiac patch: Fabrication and optimization. Journal of Applied Polymer Science, 2022, 139, .	2.7	12
4	Silica nano particles embedded in random and aligned PLGA/gelatin electrospun nano fibers improve growth and differentiation of human adipose-derived stem cells into anterior neuroectodermal cells. Materials Today Communications, 2022, 31, 103461.	2.3	3
5	Development of an electrospun poly(Îµ-caprolactone)/collagen-based human amniotic membrane powder scaffold for culturing retinal pigment epithelial cells. Scientific Reports, 2022, 12, .	3.5	22
6	Therapeutic effects of human adipose mesenchymal stem cells and their paracrine agents on sodium iodate induced retinal degeneration in rats. Life Sciences, 2022, 300, 120570.	4.7	12
7	A ternary nanocomposite fibrous scaffold composed of poly(Îµâ€caprolactone)/Gelatin/Gehlenite (<scp>Ca₂Al₂SiO₇</scp>): Physical, chemical, and biological properties in vitro. Polymers for Advanced Technologies, 2021, 32, 582-598.	3.3	18
8	Natural and synthetic polymeric scaffolds used in peripheral nerve tissue engineering: Advantages and disadvantages. Polymers for Advanced Technologies, 2021, 32, 2267-2289.	3.3	92
9	Human adipose derived stem cell exosomes enhance the neural differentiation of PC12 cells. Molecular Biology Reports, 2021, 48, 5033-5043.	2.6	13
10	Biocompatible grapheneâ€embedded <scp>PCL</scp>/<scp>PGS</scp>â€based nanofibrous scaffolds: A potential application for cardiac tissue regeneration. Journal of Applied Polymer Science, 2021, 138, .	2.7	38
11	Evaluation of Edaravone effects on the differentiation of human adipose derived stem cells into oligodendrocyte cells in multiple sclerosis disease in rats. Life Sciences, 2021, 282, 119812.	4.7	21
12	Therapeutic effects of mesenchymal stem cells-derived extracellular vesiclesâ€™ miRNAs on retinal regeneration: a review. Stem Cell Research and Therapy, 2021, 12, .	6.9	21
13	Evaluation of physical, mechanical and biological properties of bioglass/titania scaffold coated with poly (3-hydroxybutyrate)-chitosan for bone tissue engineering applications. Materials Technology, 2020, 35, 75-91.	3.4	23
14	Biodegradation and cellular evaluation of aligned and random poly (3-hydroxybutyrate)/chitosan electrospun scaffold for nerve tissue engineering applications. Materials Technology, 2020, 35, 92-101.	3.4	32
15	Evaluation of the effects of chitosan/multiwalled carbon nanotubes composite on physical, mechanical and biological properties of polymethyl methacrylate-based bone cements. Materials Technology, 2020, 35, 267-280.	3.4	22
16	The immunoregulatory and neuroprotective effects of human adipose derived stem cells overexpressing IL-11 and IL-13 in the experimental autoimmune encephalomyelitis mice. International Immunopharmacology, 2020, 87, 106808.	4.3	22
17	Electrospun <scp>PGS</scp>/<scp>PCL</scp> nanofibers: From straight to sponge and <scp>springâ€like</scp> morphology. Polymers for Advanced Technologies, 2020, 31, 3134-3149.	3.3	22
18	Assessment of ability of human adipose derived stem cells for long term overexpression of IL-11 and IL-13 as therapeutic cytokines. Cytotechnology, 2020, 72, 773-784.	1.4	5

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19	Direct Conjugation of Retinoic Acid with Gold Nanoparticles to Improve Neural Differentiation of Human Adipose Stem Cells. Journal of Molecular Neuroscience, 2020, 70, 1836-1850.	2.5	6
20	A propolis enriched polyurethane-hyaluronic acid nanofibrous wound dressing with remarkable antibacterial and wound healing activities. International Journal of Biological Macromolecules, 2020, 149, 467-476.	8.2	131
21	Impact of IFNâ€Î² and LIF overexpression on human adiposeâ€derived stem cells properties. Journal of Cellular Physiology, 2020, 235, 8736-8746.	4.2	3
22	Therapeutic effects of extracellular vesicles from human adiposeâ€derived mesenchymal stem cells on chronic experimental autoimmune encephalomyelitis. Journal of Cellular Physiology, 2020, 235, 8779-8790.	4.2	71
23	Application of electrospun polycaprolactone fibers embedding lignin nanoparticle for peripheral nerve regeneration: In vitro and in vivo study. International Journal of Biological Macromolecules, 2020, 159, 154-173.	8.2	86
24	Chondrogenic activity of two herbal products; pomegranate fruit extract and avocado/soybean unsaponifiable. Research in Pharmaceutical Sciences, 2020, 15, 358.	2.0	13
25	Promoting neural cell proliferation and differentiation by incorporating lignin into electrospun poly(vinyl alcohol) and poly(glycerol sebacate) fibers. Materials Science and Engineering C, 2019, 104, 110005.	5.8	85
26	Application of Hanging Drop Culture for Retinal Precursor-Like Cells Differentiation of Human Adipose-Derived Stem Cells Using Small Molecules. Journal of Molecular Neuroscience, 2019, 69, 597-607.	2.5	8
27	The Story of Nanoparticles in Differentiation of Stem Cells into Neural Cells. Neurochemical Research, 2019, 44, 2695-2707.	3.5	16
28	Determining constitutive behavior of the brain tissue using digital image correlation and finite element modeling. Biomechanics and Modeling in Mechanobiology, 2019, 18, 1927-1945.	2.4	17
29	Design and fabrication of poly (glycerol sebacate)â€based fibers for neural tissue engineering: Synthesis, electrospinning, and characterization. Polymers for Advanced Technologies, 2019, 30, 1427-1440.	3.3	68
30	Potential of an electrospun composite scaffold of poly (3-hydroxybutyrate)-chitosan/alumina nanowires in bone tissue engineering applications. Materials Science and Engineering C, 2019, 99, 1075-1091.	5.8	133
31	Promoting effect of nano hydroxyapatite and vitamin D3 on the osteogenic differentiation of human adipose-derived stem cells in polycaprolactone/gelatin scaffold for bone tissue engineering. Materials Science and Engineering C, 2019, 97, 141-155.	5.8	58
32	Differentiation of eye field neuroectoderm from human adipose-derived stem cells by using small-molecules and hADSC-conditioned medium. Annals of Anatomy, 2019, 221, 17-26.	1.5	14
33	Evaluation of mechanical properties and cell viability of poly (3-hydroxybutyrate)-chitosan/Al₂O₃nanocomposite scaffold for cartilage tissue engineering. Journal of Medical Signals and Sensors, 2019, 9, 111.	0.9	38
34	In vivo study of non-invasive effects of non-thermal plasma in pressure ulcer treatment. Scientific Reports, 2018, 8, .	3.5	83
35	Therapeutic application of multipotent stem cells. Journal of Cellular Physiology, 2018, 233, 2815-2823.	4.2	103
36	MicroRNA: Relevance to stroke diagnosis, prognosis, and therapy. Journal of Cellular Physiology, 2018, 233, 856-865.	4.2	153

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37	Sodium alginate/magnesium oxide nanocomposite scaffolds for bone tissue engineering. Polymers for Advanced Technologies, 2018, 29, 2553-2559.	3.3	24
38	Chronic obstructive pulmonary disease: MicroRNAs and exosomes as new diagnostic and therapeutic biomarkers. Journal of Research in Medical Sciences, 2018, 23, 27.	1.1	55
39	Hanging drop culture enhances differentiation of human adiposeâ€derived stem cells into anterior neuroectodermal cells using small molecules. International Journal of Developmental Neuroscience, 2017, 59, 21-30.	1.6	16
40	Overview of retinal differentiation potential of mesenchymal stem cells: A promising approach for retinal cell therapy. Annals of Anatomy, 2017, 210, 52-63.	1.5	29
41	Epi/perineural and Schwann Cells as Well as Perineural Sheath Integrity are Affected Following 2,4-D Exposure. Neurotoxicity Research, 2017, 32, 624-638.	3.0	17
42	Novel electrospun nanofibers of modified gelatin-tyrosine in cartilage tissue engineering. Materials Science and Engineering C, 2017, 71, 240-251.	5.8	76
43	Effects of nanozeolite/starch thermoplastic hydrogels on wound healing. Journal of Research in Medical Sciences, 2017, 22, 110.	1.1	25
44	Curcumin: A new candidate for melanoma therapy?. International Journal of Cancer, 2016, 139, 1683-1695.	4.5	232
45	Application of Mesenchymal Stem Cells in Melanoma: A Potential Therapeutic Strategy for Delivery of Targeted Agents. Current Medicinal Chemistry, 2016, 23, 455-463.	2.4	90
46	Incorporation of mesoporous silica nanoparticles into random electrospun PLGA and PLGA/gelatin nanofibrous scaffolds enhances mechanical and cell proliferation properties. Materials Science and Engineering C, 2016, 66, 25-32.	5.8	100
47	Deciphering biological characteristics of tumorigenic subpopulations in human colorectal cancer reveals cellular plasticity. Journal of Research in Medical Sciences, 2016, 21, 64.	1.1	24
48	Electrospun aligned PLGA and PLGA/gelatin nanofibers embedded with silica nanoparticles for tissue engineering. International Journal of Biological Macromolecules, 2015, 79, 687-695.	8.2	170
49	Enhanced expression of FNDC5 in human embryonic stem cell-derived neural cells along with relevant embryonic neural tissues. Gene, 2015, 557, 123-129.	2.4	27
50	Synergistic effect of the combination of triethylene-glycol modified Fe3O4 nanoparticles and ultrasound wave on MCF-7 cells. Journal of Magnetism and Magnetic Materials, 2015, 394, 44-49.	2.8	52
51	A new approach to fabrication of Cs/BG/CNT nanocomposite scaffold towards bone tissue engineering and evaluation of its properties. Applied Surface Science, 2015, 357, 1758-1764.	6.7	40
52	All trans retinoic acid modulates peripheral nerve fibroblasts viability and apoptosis. Tissue and Cell, 2015, 47, 61-65.	2.4	14
53	An Overview of Neural Differentiation Potential of Human Adipose Derived Stem Cells. Stem Cell Reviews and Reports, 2015, 12, 26-41.	6.1	60
54	Neurotrophic factors and their effects in the treatment of multiple sclerosis. Advanced Biomedical Research, 2015, 4, 53.	0.9	77

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55	Transplantation of Human Adipose-Derived Stem Cells Enhances Remyelination in Lysolecithin-Induced Focal Demyelination of Rat Spinal Cord. Molecular Biotechnology, 2014, 56, 470-478.	2.1	41
56	Differentiation of human ES cell-derived neural progenitors to neuronal cells with regional specific identity by co-culturing of notochord and somite. Stem Cell Research, 2012, 8, 120-133.	0.6	11
57	Neuronal induction and regional identity by co-culture of adherent human embryonic stem cells with chicken notochords and somites. International Journal of Developmental Biology, 2011, 55, 321-326.	1.3	13
58	Neural Induction in Mouse Embryonic Stem Cells by Co-Culturing With Chicken Somites. Stem Cells and Development, 2009, 18, 1351-1360.	2.0	13
59	Effect of Sesame Oil on the Inhibition of Experimental Autoimmune Encephalomyelitis in C57BL/6 Mice. Pakistan Journal of Biological Sciences, 2007, 10, 1790-1796.	0.6	19