

List of Publications by Year in descending order

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19
papers

291
citations

1039880

9
h-index

887953

17
g-index

19
all docs

19
docs citations

19
times ranked

477
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(amidoamine)-alginate hydrogels: directing the behavior of mesenchymal stem cells with charged hydrogel surfaces. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 105.	1.7	39
2	Synthesis and Characterization of Polymerized Ionic Liquids: Mechanical and Thermal Properties of a Novel Type of Hydrogels. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 716-724.	1.1	36
3	Stem Cell Based Drug Delivery for Protection of Auditory Neurons in a Guinea Pig Model of Cochlear Implantation. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 177.	1.8	34
4	Tyramine-conjugated alginate hydrogels as a platform for bioactive scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 114-121.	2.1	32
5	Age-Related Loss of Human Vitreal Viscoelasticity. <i>Translational Vision Science and Technology</i> , 2019, 8, 56.	1.1	28
6	Alginate- and Hyaluronic Acid-Based Hydrogels as Vitreous Substitutes: An In Vitro Evaluation. <i>Translational Vision Science and Technology</i> , 2020, 9, 34.	1.1	26
7	Bioactive surfaces from seaweed-derived alginates for the cultivation of human stem cells. <i>Journal of Applied Phycology</i> , 2017, 29, 2451-2461.	1.5	25
8	Alginate-encapsulated brain-derived neurotrophic factor-overexpressing mesenchymal stem cells are a promising drug delivery system for protection of auditory neurons. <i>Journal of Tissue Engineering</i> , 2020, 11, 204173142091131.	2.3	24
9	Novel vitreous substitutes: the next frontier in vitreoretinal surgery. <i>Current Opinion in Ophthalmology</i> , 2021, 32, 288-293.	1.3	14
10	Distributed automated manufacturing of pluripotent stem cell products. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 106, 1085-1103.	1.5	7
11	3D printing of hydrogels in a temperature controlled environment with high spatial resolution. <i>Current Directions in Biomedical Engineering</i> , 2016, 2, 109-112.	0.2	5
12	Functional and structural outcome after vitrectomy combined with subretinal rtPA Injection with or without additional intravitreal Bevacizumab injection for submacular hemorrhages. <i>PLoS ONE</i> , 2021, 16, e0250587.	1.1	4
13	Droplet-based vitrification of adherent human induced pluripotent stem cells on alginate microcarrier influenced by adhesion time and matrix elasticity. <i>Cryobiology</i> , 2021, 103, 57-69.	0.3	4
14	Comparative cytotoxic and antiproliferative profile of methotrexate and fluorouracil on different ocular cells. <i>Acta Ophthalmologica</i> , 2021, 99, e1070-e1076.	0.6	4
15	Toward Alginate-Based Membrane Technology for High Performance Recovery of Heavy Metals in Cells. <i>ACS Applied Bio Materials</i> , 2021, 4, 2558-2569.	2.3	3
16	Cleavage plane after liquid bubble preparation of Descemet's membrane. <i>Acta Ophthalmologica</i> , 2021, 99, e937-e942.	0.6	3
17	Single peripheral triangular mark ensuring correct graft orientation in DMEK. <i>Acta Ophthalmologica</i> , 2021, , .	0.6	1
18	Comparison of clinical outcomes after precut DMEK with or without dextran-containing medium compared to standard DMEK: a prospective pilot study. <i>International Ophthalmology</i> , 2022, 42, 401-409.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Transportation of Preloaded DMEK Grafts. Cornea, 2021, 40, e5-e6.	0.9	1