Sepideh Hamzehlou

List of Publications by Year
in descending order

24 papers	1,825 citations	471509 17 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	2322 citing authors

#	Article	IF	Citations
1	Bioactive Glasses: Where Are We and Where Are We Going?. Journal of Functional Biomaterials, 2018, 9, 25.	4.4	334
2	Bioactive Glasses: Sprouting Angiogenesis in Tissue Engineering. Trends in Biotechnology, 2018, 36, 430-444.	9.3	253
3	Mesoporous bioactive glasses: Promising platforms for antibacterial strategies. Acta Biomaterialia, 2018, 81, 1-19.	8.3	158
4	Strontium- and cobalt-substituted bioactive glasses seeded with human umbilical cord perivascular cells to promote bone regeneration via enhanced osteogenic and angiogenic activities. Acta Biomaterialia, 2017, 58, 502-514.	8.3	139
5	Nanotechnology for angiogenesis: opportunities and challenges. Chemical Society Reviews, 2020, 49, 5008-5057.	38.1	135
6	Bioactive glasses entering the mainstream. Drug Discovery Today, 2018, 23, 1700-1704.	6.4	96
7	Osteogenic potential of stem cellsâ€seeded bioactive nanocomposite scaffolds: A comparative study between human mesenchymal stem cells derived from bone, umbilical cord Wharton's jelly, and adipose tissue. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 61-72.	3.4	89
8	Biomedical applications of nanoceria: new roles for an old player. Nanomedicine, 2018, 13, 3051-3069.	3.3	87
9	Acceleration of bone regeneration in bioactive glass/gelatin composite scaffolds seeded with bone marrow-derived mesenchymal stem cells over-expressing bone morphogenetic protein-7. Materials Science and Engineering C, 2017, 75, 688-698.	7.3	76
10	Can bioactive glasses be useful to accelerate the healing of epithelial tissues?. Materials Science and Engineering C, 2019, 97, 1009-1020.	7.3	74
11	Potential of Bioactive Glasses for Cardiac and Pulmonary Tissue Engineering. Materials, 2017, 10, 1429.	2.9	64
12	Bone Tissue Engineering Using Human Cells: A Comprehensive Review on Recent Trends, Current Prospects, and Recommendations. Applied Sciences (Switzerland), 2019, 9, 174.	2.5	58
13	Mesoporous bioactive glasses (MBGs) in cancer therapy: Full of hope and promise. Materials Letters, 2019, 251, 241-246.	2.6	54
14	Using Bioactive Glasses in the Management of Burns. Frontiers in Bioengineering and Biotechnology, 2019, 7, 62.	4.1	47
15	Functionalization and Surface Modifications of Bioactive Glasses (BGs): Tailoring of the Biological Response Working on the Outermost Surface Layer. Materials, 2019, 12, 3696.	2.9	45
16	Blockade of nuclear factor-Î°B (NF-Î°B) pathway inhibits growth and induces apoptosis in chemoresistant ovarian carcinoma cells. International Journal of Biochemistry and Cell Biology, 2018, 99, 1-9.	2.8	31
17	Iron (Fe)-doped mesoporous 45S5 bioactive glasses: Implications for cancer therapy. Translational Oncology, 2022, 20, 101397.	3.7	26
18	The ERBB receptor inhibitor dacomitinib suppresses proliferation and invasion of pancreatic ductal adenocarcinoma cells. Cellular Oncology (Dordrecht), 2019, 42, 491-504.	4.4	18

#	Article	IF	Citations
19	When size matters: Biological response to strontium- and cobalt-substituted bioactive glass particles. Materials Today: Proceedings, 2018, 5, 15768-15775.	1.8	15
20	Anti-tumor activity of neratinib, a pan-HER inhibitor, in gastric adenocarcinoma cells. European Journal of Pharmacology, 2019, 863, 172705.	3.5	15
21	Cediranib, an inhibitor of vascular endothelial growth factor receptor kinases, inhibits proliferation and invasion of prostate adenocarcinoma cells. European Journal of Pharmacology, 2020, 882, 173298.	3.5	5
22	Cediranib, a pan-inhibitor of vascular endothelial growth factor receptors, inhibits proliferation and enhances therapeutic sensitivity in glioblastoma cells. Life Sciences, 2021, 287, 120100.	4.3	5
23	The Role of Thyroid Function Tests in the Diagnosis of Allan-Herndon-Dudley Syndrome Revisited: A Novel Mutation From Iran. Basic and Clinical Neuroscience, 2021, 12, 563-568.	0.6	1
24	Dizygotic Twins Concordant for Down Syndrome: Implication for Establishing a National Birth Defect Registry in Iran. Iranian Journal of Public Health, 2016, 45, 1667-1668.	0.5	0