

Sara Pourshahrestani

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

914
citations

687363

13
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1124
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymeric Hydrogel Systems as Emerging Biomaterial Platforms to Enable Hemostasis and Wound Healing. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000905.	7.6	194
2	Inorganic hemostats: The state-of-the-art and recent advances. <i>Materials Science and Engineering C</i> , 2016, 58, 1255-1268.	7.3	124
3	Gallium-containing mesoporous bioactive glass with potent hemostatic activity and antibacterial efficacy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 71-86.	5.8	121
4	Potency and Cytotoxicity of a Novel Gallium-Containing Mesoporous Bioactive Glass/Chitosan Composite Scaffold as Hemostatic Agents. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 31381-31392.	8.0	95
5	Bioactive glass reinforced elastomer composites for skeletal regeneration: A review. <i>Materials Science and Engineering C</i> , 2015, 53, 175-188.	7.3	73
6	Well-ordered mesoporous silica and bioactive glasses: promise for improved hemostasis. <i>Biomaterials Science</i> , 2019, 7, 31-50.	5.4	73
7	Advances in bioactive glass-containing injectable hydrogel biomaterials for tissue regeneration. <i>Acta Biomaterialia</i> , 2021, 136, 1-36.	8.3	61
8	Fabrication and characterization of poly(octanediol citrate)/gallium-containing bioglass microcomposite scaffolds. <i>Journal of Materials Science</i> , 2015, 50, 2189-2201.	3.7	28
9	Antibacterial properties of poly (octanediol citrate)/gallium-containing bioglass composite scaffolds. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 18.	3.6	25
10	Comparative efficacy of hemorrhage control of a novel mesoporous bioactive glass versus two commercial hemostats. <i>Biomedical Materials (Bristol)</i> , 2018, 13, 025020.	3.3	23
11	Bismuth triflate, Bi(OTf) ₃ , as an efficient and reusable catalyst for synthesis of dihydropyrano[3,2-b]chromenediones. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 573-580.	2.2	15
12	Osteogenic differentiation of mesenchymal stem cells on a poly (octanediol citrate)/bioglass composite scaffold in vitro. <i>Materials and Design</i> , 2016, 109, 434-442.	7.0	15
13	Elastomeric biocomposite of silver-containing mesoporous bioactive glass and poly(1,8-octanediol) Tj ETQq1 1 0.784314 rgBT /Overl <i>Materials Science and Engineering C</i> , 2019, 98, 1022-1033.	7.3	15
14	Development of poly (1, 8-octanediol citrate)/chitosan blend films for tissue engineering applications. <i>Carbohydrate Polymers</i> , 2017, 175, 618-627.	10.2	13
15	Hydrothermal synthesis of carbon microspheres from sucrose with citric acid as a catalyst: physicochemical and structural properties. <i>Journal of Taibah University for Science</i> , 2020, 14, 1042-1050.	2.5	13
16	Hydrothermal synthesis and characterisation of bioactive glass-ceramic nanorods. <i>Journal of Non-Crystalline Solids</i> , 2016, 443, 118-124.	3.1	11
17	Self-Healing Polyester Urethane Supramolecular Elastomers Reinforced with Cellulose Nanocrystals for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2019, 19, e1900176.	4.1	9
18	Engineering stiffness in highly porous biomimetic gelatin/tertiary bioactive glass hybrid scaffolds using graphene nanosheets. <i>Reactive and Functional Polymers</i> , 2020, 154, 104668.	4.1	4

#	ARTICLE	IF	CITATIONS
19	Synthesis and Characterization of Supramolecular Elastomers from Polyacids Composed of Vegetable Oils. <i>Advanced Materials Research</i> , 2013, 747, 505-508.	0.3	2