

Seyedeh Sara Shafiei

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

369
citations

1040056

9
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

634
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene oxide-enriched poly(μ -caprolactone) electrospun nanocomposite scaffold for bone tissue engineering applications. <i>Journal of Bioactive and Compatible Polymers</i> , 2017, 32, 325-342.	2.1	71
2	Structure, Properties, and In Vitro Behavior of Heat-Treated Calcium Sulfate Scaffolds Fabricated by 3D Printing. <i>PLoS ONE</i> , 2016, 11, e0151216.	2.5	57
3	Template-directed hydrothermal synthesis of dandelion-like hydroxyapatite in the presence of cetyltrimethylammonium bromide and polyethylene glycol. <i>Ceramics International</i> , 2009, 35, 2563-2569.	4.8	46
4	Electrospun layered double hydroxide/poly (μ -caprolactone) nanocomposite scaffolds for adipogenic differentiation of adipose-derived mesenchymal stem cells. <i>Applied Clay Science</i> , 2016, 127-128, 52-63.	5.2	41
5	Amine-functionalized Single-walled Carbon Nanotube/Polycaprolactone Electrospun Scaffold for Bone Tissue Engineering: in vitro Study. <i>Fibers and Polymers</i> , 2019, 20, 1869-1882.	2.1	40
6	Synthesis and characterisation of nanocrystalline Ca^{2+} -Al layered double hydroxide $\{[\text{Ca}_{2}\text{Al}(\text{OH})_{6}]\text{NO}_{3}\cdot n\text{H}_{2}\text{O}\}$: in vitro study. <i>Advances in Applied Ceramics</i> , 2013, 112, 59-65.	1.1	32
7	Epigallocatechin Gallate/Layered Double Hydroxide Nanohybrids: Preparation, Characterization, and In Vitro Anti-Tumor Study. <i>PLoS ONE</i> , 2015, 10, e0136530.	2.5	31
8	Poly (μ -caprolactone)/layered double hydroxide microspheres-aggregated nanocomposite scaffold for osteogenic differentiation of mesenchymal stem cell. <i>Materials Today Communications</i> , 2020, 23, 100913.	1.9	19
9	Fabrication and Evaluation of Layered Double Hydroxide-Enriched β -Tricalcium Phosphate Nanocomposite Granules for Bone Regeneration: In Vitro Study. <i>Molecular Biotechnology</i> , 2021, 63, 477-490.	2.4	9
10	Evaluation of Osteogenic Differentiation of Bone Marrow-Derived Mesenchymal Stem Cell on Highly Porous Polycaprolactone Scaffold Reinforced With Layered Double Hydroxides Nanoclay. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 805969.	4.1	8
11	Three-dimensional porous poly(μ -caprolactone)/beta-tricalcium phosphate microsphere-aggregated scaffold for bone tissue engineering. <i>International Journal of Applied Ceramic Technology</i> , 2021, 18, 1442-1456.	2.1	6
12	In vivo evaluation of bone regeneration behavior of novel β -tricalcium phosphate/layered double hydroxide nanocomposite granule as bone graft substitutes. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 1001-1011.	3.4	5
13	Preparation and characterization of electrospun polycaprolactone/brushite scaffolds to promote osteogenic differentiation of mesenchymal stem cells. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2022, 33, 1102-1122.	3.5	3
14	Alendronate Sodium Intercalation in Layered Double Hydroxide/Poly (μ -caprolactone): Application in Osteoporosis Treatment. <i>Iranian Journal of Biotechnology</i> , 2021, 19, e2490.	0.3	0