

Amir Doustgani

List of Publications by Year in descending order

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14
papers

363
citations

933447

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579
citing authors

#	ARTICLE	IF	CITATIONS
1	Melt-electrospun polycaprolactone strontium-substituted bioactive glass scaffolds for bone regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 3140-3153.	4.0	77
2	Recent residential applications of low-temperature solar collector. <i>Journal of Cleaner Production</i> , 2021, 279, 123549.	9.3	66
3	Functionalized silica nanoparticles as a carrier for Betamethasone Sodium Phosphate: Drug release study and statistical optimization of drug loading by response surface method. <i>Materials Science and Engineering C</i> , 2015, 56, 223-232.	7.3	33
4	THERMODYNAMIC ASSESSMENT AND OPTIMIZATION OF A NOVEL TRIGENERATION ENERGY SYSTEM BASED ON SOLAR ENERGY AND MSW GASIFICATION USING ENERGY AND EXERGY CONCEPT. <i>Journal of Thermal Engineering</i> , 2021, 7, 349-366.	1.6	32
5	The economic evaluation of establishing a plant for producing biodiesel from edible oil wastes in oil-rich countries: Case study Iran. <i>Energy</i> , 2020, 213, 118760.	8.8	31
6	Simulation process of biodiesel production plant. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, e13264.	2.3	30
7	Melt electrospinning process optimization of polylactic acid nanofibers. <i>Journal of Industrial Textiles</i> , 2016, 45, 626-634.	2.4	21
8	Dexamethasone Sodium Phosphate Release from Chitosan Nanoparticles Prepared by Ionic Gelation Method. <i>Journal of Colloid Science and Biotechnology</i> , 2012, 1, 42-50.	0.2	16
9	Effect of electrospinning process parameters of polycaprolactone and nanohydroxyapatite nanocomposite nanofibers. <i>Textile Research Journal</i> , 2015, 85, 1445-1454.	2.2	15
10	Doxorubicin release from optimized electrospun polylactic acid nanofibers. <i>Journal of Industrial Textiles</i> , 2017, 47, 71-88.	2.4	14
11	Optimization of mechanical and structural properties of PVA nanofibers. <i>Journal of Industrial Textiles</i> , 2016, 46, 901-913.	2.4	12
12	Process Optimization of Electrospun Polycaprolactone and Nanohydroxyapatite Composite Nanofibers Using Response Surface Methodology. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 4708-4714.	0.9	8
13	Evaluation of Electrospinning Process Parameters of Poly Lactic-Co-Glycolic Acid and Hydroxyapatite Nanocomposite Nanofibrous Scaffolds. <i>Journal of Engineered Fibers and Fabrics</i> , 2016, 11, 155892501601100.	1.0	3
14	Melt-electrospun polycaprolactone-strontium substituted bioactive glass scaffolds for bone regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 102, n/a-n/a.	4.0	2