Farhid Farahmandghavi

List of Publications by Year
in descending order

16 papers	1,673 citations	840585 11 h-index	940416 16 g-index
16 all docs	16 docs citations	16 times ranked	2446 citing authors

#	Article	IF	Citations
1	Adsorption and solidification of peppermint oil on microcrystalline cellulose surface: An experimental and DFT study. Journal of Molecular Structure, 2020, 1205, 127558.	1.8	7
2	RAFT-derived siloxane-based amphiphilic triblock copolymers: Synthesis, characterization, and self-assembly. European Polymer Journal, 2020, 135, 109874.	2.6	4
3	Long-lasting adsorption of golden flower oil on polyvinyl alcohol/clinoptilolite (PVA/CP) xerogel particles. Applied Clay Science, 2020, 195, 105699.	2.6	5
4	ChABC-loaded PLGA nanoparticles: A comprehensive study on biocompatibility, functional recovery, and axonal regeneration in animal model of spinal cord injury. International Journal of Pharmaceutics, 2020, 577, 119037.	2.6	25
5	Shelf-life of polyfurfuryl alcohol resin: an accelerated rheokinetics study. Polymer Bulletin, 2019, 76, 5903-5918.	1.7	4
6	Silicone matrices loaded with levonorgestrel particles: Impact of the particle size on drug release. Journal of Drug Delivery Science and Technology, 2019, 49, 132-142.	1.4	14
7	Preparation and Characterization of Chitosan Nanoparticlesâ€Loaded Fish Gelatinâ€Based Edible Films. Journal of Food Process Engineering, 2016, 39, 521-530.	1.5	38
8	Development of bioactive fish gelatin/chitosan nanoparticles composite films with antimicrobial properties. Food Chemistry, 2016, 194, 1266-1274.	4.2	306
9	Bio-based composite edible films containing Origanum vulgare L. essential oil. Industrial Crops and Products, 2015, 67, 403-413.	2.5	203
10	Fabrication of bio-nanocomposite films based on fish gelatin reinforced with chitosan nanoparticles. Food Hydrocolloids, 2015, 44, 172-182.	5.6	289
11	A novel image analysis approach for evaluation of mixing uniformity in drug-filled silicone rubber matrix. International Journal of Pharmaceutics, 2014, 460, 158-164.	2.6	12
12	Artificial neural networks for bilateral prediction of formulation parameters and drug release profiles from cochlear implant coatings fabricated as porous monolithic devices based on silicone rubber. Journal of Pharmacy and Pharmacology, 2014, 66, 624-638.	1.2	21
13	Fabrication of protein-loaded PLGA nanoparticles: effect of selected formulation variables on particle size and release profile. Journal of Polymer Research, 2013, 20, 1.	1.2	30
14	Dexamethasone-releasing cochlear implant coatings: application of artificial neural networks for modelling of formulation parameters and drug release profile. Journal of Pharmacy and Pharmacology, 2013, 65, 1145-1157.	1.2	16
15	Two-step method for encapsulation of oregano essential oil in chitosan nanoparticles: Preparation, characterization and in vitro release study. Carbohydrate Polymers, 2013, 95, 50-56.	5.1	688
16	Curing behavior of silicone elastomer in the presence of two corticosteroid drugs. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 1636-1644.	1.6	11