Dr K Shanmugapriya

List of Publications by Year
in descending order

17	490	759233 12	888059 17
papers	citations	h-index	g-index

17	17	17	727
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineering pharmaceutical nanocarriers for photodynamic therapy on wound healing: Review. Materials Science and Engineering C, 2019, 105, 110110.	7.3	66
2	Astaxanthin-alpha tocopherol nanoemulsion formulation by emulsification methods: Investigation on anticancer, wound healing, and antibacterial effects. Colloids and Surfaces B: Biointerfaces, 2018, 172, 170-179.	5.0	53
3	Fabrication of multifunctional chitosan-based nanocomposite film with rapid healing and antibacterial effect for wound management. International Journal of Biological Macromolecules, 2018, 118, 1713-1725.	7.5	50
4	Ultrasound-mediated fucoxanthin rich oil nanoemulsions stabilized by Î¹-carrageenan: Process optimization, bio-accessibility and cytotoxicity. Ultrasonics Sonochemistry, 2019, 55, 105-116.	8.2	49
5	Fucoidan-loaded hydrogels facilitates wound healing using photodynamic therapy by in vitro and in vivo evaluation. Carbohydrate Polymers, 2020, 247, 116624.	10.2	43
6	Protective Effects of Rutin on Mitochondrial Damage in Isoproterenol-Induced Cardiotoxic Rats: An In Vivo and In Vitro Study. Cardiovascular Toxicology, 2010, 10, 181-189.	2.7	40
7	In vitro antitumor potential of astaxanthin nanoemulsion against cancer cells via mitochondrial mediated apoptosis. International Journal of Pharmaceutics, 2019, 560, 334-346.	5.2	38
8	A new alternative insight of nanoemulsion conjugated with Î¹-carrageenan for wound healing study in diabetic mice: In vitro and in vivo evaluation. European Journal of Pharmaceutical Sciences, 2019, 133, 236-250.	4.0	33
9	Epidermal growth factor receptor conjugated fucoidan/alginates loaded hydrogel for activating EGFR/AKT signaling pathways in colon cancer cells during targeted photodynamic therapy. International Journal of Biological Macromolecules, 2020, 158, 1163-1174.	7.5	24
10	Nanoengineered chlorin e6 conjugated with hydrogel for photodynamic therapy on cancer. Colloids and Surfaces B: Biointerfaces, 2019, 181, 778-788.	5.0	23
11	EGFR-conjugated hydrogel accelerates wound healing on ulcer-induced burn wounds by targeting collagen and inflammatory cells using photoimmunomodulatory inhibition. Materials Science and Engineering C, 2021, 118, 111541.	7.3	18
12	An eco-friendly Gnaphalium polycaulon mediated silver nanoparticles: Synthesis, characterization, antimicrobial, wound healing and drug release studies. Journal of Drug Delivery Science and Technology, 2021, 61, 102202.	3.0	15
13	Multifunctional heteropolysaccharide hydrogel under photobiomodulation for accelerated wound regeneration. Ceramics International, 2020, 46, 7268-7278.	4.8	13
14	Cellulose nanocrystals/nanofibrils loaded astaxanthin nanoemulsion for the induction of apoptosis via ROS-dependent mitochondrial dysfunction in cancer cells under photobiomodulation. International Journal of Biological Macromolecules, 2020, 149, 165-177.	7.5	12
15	Synthesis of nanohydroxyapatite/collagen-loaded fucoidan-based composite hydrogel for drug delivery to gastrointestinal cancer cells. Colloids and Surfaces B: Biointerfaces, 2021, 203, 111769.	5.0	7
16	PHYTOCHEMICAL SCREENING OF ARTOCARPUS HIRSUTUS AND ITS ANTIMICROBIAL POTENTIAL. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 298.	0.3	5
17	Synthesis, Identification and in-silico Approach for wound Healing Potential in Gnaphalium polycaulon Extracts. Indian Journal of Pharmaceutical Education and Research, 2021, 55, s233-s241.	0.6	1