

# Hyejin Kim

## List of Publications by Year in descending order

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14  
papers

351  
citations

933447

10  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

544  
citing authors

#	ARTICLE	IF	CITATIONS
1	Astaxanthin-alpha tocopherol nanoemulsion formulation by emulsification methods: Investigation on anticancer, wound healing, and antibacterial effects. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 170-179.	5.0	53
2	Fabrication of multifunctional chitosan-based nanocomposite film with rapid healing and antibacterial effect for wound management. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1713-1725.	7.5	50
3	Doxorubicin-fucoidan-gold nanoparticles composite for dual-chemo-photothermal treatment on eye tumors. <i>Oncotarget</i> , 2017, 8, 113719-113733.	1.8	44
4	Fucoidan-loaded hydrogels facilitates wound healing using photodynamic therapy by in vitro and in vivo evaluation. <i>Carbohydrate Polymers</i> , 2020, 247, 116624.	10.2	43
5	In vitro antitumor potential of astaxanthin nanoemulsion against cancer cells via mitochondrial mediated apoptosis. <i>International Journal of Pharmaceutics</i> , 2019, 560, 334-346.	5.2	38
6	A new alternative insight of nanoemulsion conjugated with Î²-carrageenan for wound healing study in diabetic mice: In vitro and in vivo evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 133, 236-250.	4.0	33
7	Epidermal growth factor receptor conjugated fucoidan/alginate loaded hydrogel for activating EGFR/AKT signaling pathways in colon cancer cells during targeted photodynamic therapy. <i>International Journal of Biological Macromolecules</i> , 2020, 158, 1163-1174.	7.5	24
8	EGFR-conjugated hydrogel accelerates wound healing on ulcer-induced burn wounds by targeting collagen and inflammatory cells using photoimmunomodulatory inhibition. <i>Materials Science and Engineering C</i> , 2021, 118, 111541.	7.3	18
9	Biocompatible astaxanthin as a novel marine-oriented agent for dual chemo-photothermal therapy. <i>PLoS ONE</i> , 2017, 12, e0174687.	2.5	18
10	Cellulose nanocrystals/nanofibrils loaded astaxanthin nanoemulsion for the induction of apoptosis via ROS-dependent mitochondrial dysfunction in cancer cells under photobiomodulation. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 165-177.	7.5	12
11	Combined treatment of low-level laser therapy and phloroglucinol for inhibition of fibrosis. <i>Lasers in Surgery and Medicine</i> , 2020, 52, 276-285.	2.1	8
12	Dual-wavelength-assisted thermal hemostasis for treatment of benign prostate hyperplasia. <i>Journal of Biophotonics</i> , 2018, 11, e201700192.	2.3	5
13	Multi-Lens Arrays (MLA)-Assisted Photothermal Effects for Enhanced Fractional Cancer Treatment: Computational and Experimental Validations. <i>Cancers</i> , 2021, 13, 1146.	3.7	4
14	<i>In Vivo</i> Investigation of Noncontact Rapid Photothermal Hemostasis on Venous and Arterial Bleeding. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 2689-2697.	4.2	1