

Irma Chacn

List of Publications by Citations

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Version: 2024-04-19

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

150
citations

8
h-index

11
g-index

20
ext. papers

228
ext. citations

4.3
avg, IF

3.09
L-index

#	Paper	IF	Citations
19	Dynamic agent of an injectable and self-healing drug-loaded hydrogel for embolization therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 172, 601-607	6	27
18	A new targeted delivery approach by functionalizing drug nanocrystals through polydopamine coating. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 114, 221-229	5.7	21
17	Anti-cancer activity of camptothecin nanocrystals decorated by silver nanoparticles. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 2692-2701	7.3	17
16	Metabolic monosaccharides altered cell responses to anticancer drugs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 81, 339-45	5.7	13
15	High-Resolution Insights into the Stepwise Self-Assembly of Nanofiber from Bioactive Peptides. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 7421-7430	3.4	12
14	Polydopamine-enabled surface coating with nano-metals. <i>Surface and Coatings Technology</i> , 2018 , 337, 389-395	4.4	11
13	Hyaluronic Acid-Coated Camptothecin Nanocrystals for Targeted Drug Delivery to Enhance Anticancer Efficacy. <i>Molecular Pharmaceutics</i> , 2020 , 17, 2411-2425	5.6	11
12	Extreme Activity of Drug Nanocrystals Coated with A Layer of Non-Covalent Polymers from Self-Assembled Boric Acid. <i>Scientific Reports</i> , 2016 , 6, 38668	4.9	11
11	Polydopamine-Decorated Orlistat-Loaded Hollow Capsules with an Enhanced Cytotoxicity against Cancer Cell Lines. <i>Molecular Pharmaceutics</i> , 2019 , 16, 2511-2521	5.6	6
10	Lytic peptide-grafted beta-cyclodextrin polymer based nano-scaled drug delivery system with enhanced camptothecin anti-cancer efficacy. <i>Nanotechnology</i> , 2020 , 31, 075101	3.4	6
9	Silver nanoparticles functionalized Paclitaxel nanocrystals enhance overall anti-cancer effect on human cancer cells. <i>Nanotechnology</i> , 2021 , 32, 085105	3.4	5
8	Antimicrobial mechanism of 4-hydroxyphenylacetic acid on <i>Listeria monocytogenes</i> membrane and virulence. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 572, 145-150	3.4	3
7	Gibberellic acid-induced fatty acid metabolism and ABC transporters promote astaxanthin production in <i>Phaffia rhodozyma</i> . <i>Journal of Applied Microbiology</i> , 2021 ,	4.7	2
6	Facile preparation of immobilized naringinase on polyethylenimine/dopamine-coated hydrothermal carbon spheres with high performance. <i>Journal of Chemical Technology and Biotechnology</i> , 2021 , 96, 2343-5	3.5	1
5	Controllable biotransformation of naringin to prunin by naringinase immobilized on functionalized silica. <i>Journal of Chemical Technology and Biotechnology</i> , 2021 , 96, 1218-1227	3.5	1
4	A facile preparation of immobilized naringinase on polyethyleneimine-modified FeO magnetic nanomaterials with high activity.. <i>RSC Advances</i> , 2021 , 11, 14568-14577	3.7	1
3	Dietary supplementation with <i>Sporosarcina aquimarina</i> MS4 enhances juvenile sea cucumber (<i>Apostichopus japonicus</i>) growth, immunity and disease resistance against <i>Vibrio splendidus</i> infection at low temperature. <i>Aquaculture Nutrition</i> , 2021 , 27, 918-926	3.2	1

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| 2 | Novel Strategy of Mussel-Inspired Immobilization of Naringinase with High Activity Using a Polyethylenimine/Dopamine Co-deposition Method. <i>ACS Omega</i> , 2021 , 6, 3267-3277 | 3.9 | 1 |
| 1 | The dataset of scanning electron microscope images of silver nanoparticles formed in situ by dopamine chemistry. <i>Data in Brief</i> , 2018 , 20, 1090-1092 | 1.2 | |