

Marcel Reza Mozafari

List of Publications by Year in Descending Order

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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.

47
papers

3,959
citations

23
h-index

52
g-index

52
ext. papers

5,009
ext. citations

5.2
avg, IF

5.77
L-index

#	Paper	IF	Citations
47	A critical review on approaches to regulate the release rate of bioactive compounds from biopolymeric matrices.. <i>Food Chemistry</i> , 2022 , 382, 132411	8.5	1
46	Applications of chitosan-based carrier as an encapsulating agent in food industry. <i>Trends in Food Science and Technology</i> , 2022 , 120, 88-99	15.3	6
45	Potential micro-/nano-encapsulation systems for improving stability and bioavailability of anthocyanins: An updated review. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-24	11.5	5
44	Prevention of SARS-CoV-2 Infection: A Liposomal Functional Food Approach. <i>International Journal of Preventive Medicine</i> , 2021 , 12, 26	1.6	
43	Simple Equations Pertaining to the Particle Number and Surface Area of Metallic, Polymeric, Lipidic and Vesicular Nanocarriers. <i>Scientia Pharmaceutica</i> , 2021 , 89, 15	4.3	6
42	Antimicrobial Applications of Nanoliposome Encapsulated Silver Nanoparticles: A Potential Strategy to Overcome Bacterial Resistance. <i>Current Nanoscience</i> , 2021 , 17, 26-40	1.4	7
41	Methodical Design of Viral Vaccines Based on Avant-Garde Nanocarriers: A Multi-Domain Narrative Review. <i>Biomedicines</i> , 2021 , 9,	4.8	5
40	Recent Trends in the Nanoencapsulation Processes for Food and Nutraceutical Applications 2021 , 532-545		1
39	Strategies of confining green tea catechin compounds in nano-biopolymeric matrices: A review. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 204, 111781	6	11
38	Entrapment of rosemary extract by liposomes formulated by Mozafari method: physicochemical characterization and optimization.. <i>Heliyon</i> , 2021 , 7, e08632	3.6	3
37	Nanoliposomes and Tocosomes as Multifunctional Nanocarriers for the Encapsulation of Nutraceutical and Dietary Molecules. <i>Molecules</i> , 2020 , 25,	4.8	35
36	Nanoliposome technology for the food and nutraceutical industries. <i>Trends in Food Science and Technology</i> , 2018 , 79, 106-115	15.3	109
35	Impact of Particle Size and Polydispersity Index on the Clinical Applications of Lipidic Nanocarrier Systems. <i>Pharmaceutics</i> , 2018 , 10,	6.4	1101
34	Enhanced efficacy and bioavailability of thymoquinone using nanoliposomal dosage form. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 47, 445-453	4.5	22
33	Selective cytotoxicity of green synthesized silver nanoparticles against the MCF-7 tumor cell line and their enhanced antioxidant and antimicrobial properties. <i>International Journal of Nanomedicine</i> , 2018 , 13, 8013-8024	7.3	177
32	Probing nanoliposomes using single particle analytical techniques: effect of excipients, solvents, phase transition and zeta potential. <i>Heliyon</i> , 2018 , 4, e01088	3.6	33
31	Tosome: Novel drug delivery system containing phospholipids and tocopheryl phosphates. <i>International Journal of Pharmaceutics</i> , 2017 , 528, 381-382	6.5	22

30	Modelling of proteolysis in Iranian brined cheese using proteinase-loaded nanoliposome. <i>International Journal of Dairy Technology</i> , 2016 , 69, 57-62	3.7	15
29	Matched related donor hematopoietic stem cell transplantation results in a long-term follow-up of a pediatric acquired severe aplastic anemia subset: A stem cell source perspective. <i>Pediatric Transplantation</i> , 2015 , 19, 399-407	1.8	8
28	The encapsulation of flavourzyme in nanoliposome by heating method. <i>Journal of Food Science and Technology</i> , 2015 , 52, 2063-72	3.3	24
27	Applications of nanoliposomes in cheese technology. <i>International Journal of Dairy Technology</i> , 2015 , 68, 11-23	3.7	25
26	Optimization on preparation condition of polyunsaturated fatty acids nanoliposome prepared by Mozafari method. <i>Journal of Liposome Research</i> , 2014 , 24, 99-105	6.1	19
25	Formulation and characterization of nanoliposomal 5-fluorouracil for cancer nanotherapy. <i>Journal of Liposome Research</i> , 2014 , 24, 1-9	6.1	36
24	Modelling a precision loadcell using neural networks for vision-based force measurement in cell micromanipulation 2013 ,		1
23	Nutritional and medical applications of spirulina microalgae. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013 , 13, 1231-7	3.2	130
22	Spirulina paltensis: Food and Function. <i>Current Nutrition and Food Science</i> , 2013 , 9, 189-193	0.7	22
21	Nanoencapsulation of food ingredients using lipid based delivery systems. <i>Trends in Food Science and Technology</i> , 2012 , 23, 13-27	15.3	403
20	Comparative study of the oxidative and physical stability of liposomal and nanoliposomal polyunsaturated fatty acids prepared with conventional and Mozafari methods. <i>Food Chemistry</i> , 2012 , 135, 2761-70	8.5	85
19	Vascular endothelial growth factor (VEGF) +405 C/G polymorphism is associated with essential hypertension in a population from Tehran of Iran. <i>Molecular Biology Reports</i> , 2012 , 39, 6213-8	2.8	15
18	Complete removal of pathogenic bacteria from drinking water using nano silver-coated cylindrical polypropylene filters. <i>Clean Technologies and Environmental Policy</i> , 2011 , 13, 499-507	4.3	38
17	Liposomes: A Review of Manufacturing Techniques and Targeting Strategies. <i>Current Nanoscience</i> , 2011 , 7, 436-452	1.4	212
16	Nanoliposomes: preparation and analysis. <i>Methods in Molecular Biology</i> , 2010 , 605, 29-50	1.4	114
15	Role of nanocarrier systems in cancer nanotherapy. <i>Journal of Liposome Research</i> , 2009 , 19, 310-21	6.1	57
14	Supramolecular assemblies of zwitterionic nanoliposome-polynucleotide complexes as gene transfer vectors: Nanolipoplex formulation and in vitro characterisation. <i>Journal of Liposome Research</i> , 2009 , 19, 105-15	6.1	3
13	Encapsulation of Food Ingredients Using Nanoliposome Technology. <i>International Journal of Food Properties</i> , 2008 , 11, 833-844	3	185

12	Nanoliposomes and their applications in food nanotechnology. <i>Journal of Liposome Research</i> , 2008 , 18, 309-27	6.1	443
11	Importance of divalent cations in nanolipoplex gene delivery. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 1955-66	3.9	18
10	Microscopical investigations of nisin-loaded nanoliposomes prepared by Mozafari method and their bacterial targeting. <i>Micron</i> , 2007 , 38, 841-7	2.3	144
9	Preparation of liposomal gene therapy vectors by a scalable method without using volatile solvents or detergents. <i>Journal of Biotechnology</i> , 2007 , 129, 604-13	3.7	55
8	The properties of liposomes produced from milk fat globule membrane material using different techniques. <i>Dairy Science and Technology</i> , 2007 , 87, 349-360		39
7	Cytotoxicity evaluation of anionic nanoliposomes and nanolipoplexes prepared by the heating method without employing volatile solvents and detergents. <i>Die Pharmazie</i> , 2007 , 62, 205-9	1.5	32
6	Recent trends in the lipid-based nanoencapsulation of antioxidants and their role in foods. <i>Journal of the Science of Food and Agriculture</i> , 2006 , 86, 2038-2045	4.3	211
5	A review of scanning probe microscopy investigations of liposome-DNA complexes. <i>Journal of Liposome Research</i> , 2005 , 15, 93-107	6.1	33
4	A Review of Scanning Probe Microscopy Investigations of Liposome-DNA Complexes. <i>Journal of Liposome Research</i> , 2005 , 15, 93-107	6.1	2
3	Commentary: amphiphiles and their aggregates in basic and applied science. A post-conference thought on nomenclature. <i>Cellular and Molecular Biology Letters</i> , 2005 , 10, 733-4	8.1	1
2	Formation of supramolecular structures by negatively charged liposomes in the presence of nucleic acids and divalent cations. <i>Drug Delivery</i> , 1998 , 5, 135-41	7	16
1	Mechanism of calcium ion induced multilamellar vesicle-DNA interaction. <i>Journal of Microencapsulation</i> , 1998 , 15, 55-65	3.4	23