Marcel Reza Mozafari

List of Publications by Citations

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	Impact of Particle Size and Polydispersity Index on the Clinical Applications of Lipidic Nanocarrier Systems. *Pharmaceutics*, **2018**, 10,	6.4	1101
46	Nanoliposomes and their applications in food nanotechnology. *Journal of Liposome Research*, **2008**, 18, 309-27	6.1	443
45	Nanoencapsulation of food ingredients using lipid based delivery systems. *Trends in Food Science and Technology*, **2012**, 23, 13-27	15.3	403
44	Liposomes: A Review of Manufacturing Techniques and Targeting Strategies. *Current Nanoscience*, **2011**, 7, 436-452	1.4	212
43	Recent trends in the lipid-based nanoencapsulation of antioxidants and their role in foods. *Journal of the Science of Food and Agriculture*, **2006**, 86, 2038-2045	4.3	211
42	Encapsulation of Food Ingredients Using Nanoliposome Technology. *International Journal of Food Properties*, **2008**, 11, 833-844	3	185
41	Selective cytotoxicity of green synthesized silver nanoparticles against the MCF-7 tumor cell line and their enhanced antioxidant and antimicrobial properties. *International Journal of Nanomedicine*, **2018**, 13, 8013-8024	7.3	177
40	Microscopical investigations of nisin-loaded nanoliposomes prepared by Mozafari method and their bacterial targeting. *Micron*, **2007**, 38, 841-7	2.3	144
39	Nutritional and medical applications of spirulina microalgae. *Mini-Reviews in Medicinal Chemistry*, **2013**, 13, 1231-7	3.2	130
38	Nanoliposomes: preparation and analysis. *Methods in Molecular Biology*, **2010**, 605, 29-50	1.4	114
37	Nanoliposome technology for the food and nutraceutical industries. *Trends in Food Science and Technology*, **2018**, 79, 106-115	15.3	109
36	Comparative study of the oxidative and physical stability of liposomal and nanoliposomal polyunsaturated fatty acids prepared with conventional and Mozafari methods. *Food Chemistry*, **2012**, 135, 2761-70	8.5	85
35	Role of nanocarrier systems in cancer nanotherapy. *Journal of Liposome Research*, **2009**, 19, 310-21	6.1	57
34	Preparation of liposomal gene therapy vectors by a scalable method without using volatile solvents or detergents. *Journal of Biotechnology*, **2007**, 129, 604-13	3.7	55
33	The properties of liposomes produced from milk fat globule membrane material using different techniques. *Dairy Science and Technology*, **2007**, 87, 349-360		39
32	Complete removal of pathogenic bacteria from drinking water using nano silver-coated cylindrical polypropylene filters. *Clean Technologies and Environmental Policy*, **2011**, 13, 499-507	4.3	38
31	Formulation and characterization of nanoliposomal 5-fluorouracil for cancer nanotherapy. *Journal of Liposome Research*, **2014**, 24, 1-9	6.1	36

30	Nanoliposomes and Tocosomes as Multifunctional Nanocarriers for the Encapsulation of Nutraceutical and Dietary Molecules. *Molecules*, **2020**, 25,	4.8	35
29	A review of scanning probe microscopy investigations of liposome-DNA complexes. *Journal of Liposome Research*, **2005**, 15, 93-107	6.1	33
28	Probing nanoliposomes using single particle analytical techniques: effect of excipients, solvents, phase transition and zeta potential. *Heliyon*, **2018**, 4, e01088	3.6	33
27	Cytotoxicity evaluation of anionic nanoliposomes and nanolipoplexes prepared by the heating method without employing volatile solvents and detergents. *Die Pharmazie*, **2007**, 62, 205-9	1.5	32
26	Applications of nanoliposomes in cheese technology. *International Journal of Dairy Technology*, **2015**, 68, 11-23	3.7	25
25	The encapsulation of flavourzyme in nanoliposome by heating method. *Journal of Food Science and Technology*, **2015**, 52, 2063-72	3.3	24
24	Mechanism of calcium ion induced multilamellar vesicle-DNA interaction. *Journal of Microencapsulation*, **1998**, 15, 55-65	3.4	23
23	Tocosome: Novel drug delivery system containing phospholipids and tocopheryl phosphates. *International Journal of Pharmaceutics*, **2017**, 528, 381-382	6.5	22
22	Enhanced efficacy and bioavailability of thymoquinone using nanoliposomal dosage form. *Journal of Drug Delivery Science and Technology*, **2018**, 47, 445-453	4.5	22
21	Spirulina paltensis: Food and Function. *Current Nutrition and Food Science*, **2013**, 9, 189-193	0.7	22
20	Optimization on preparation condition of polyunsaturated fatty acids nanoliposome prepared by Mozafari method. *Journal of Liposome Research*, **2014**, 24, 99-105	6.1	19
19	Importance of divalent cations in nanolipoplex gene delivery. *Journal of Pharmaceutical Sciences*, **2007**, 96, 1955-66	3.9	18
18	Formation of supramolecular structures by negatively charged liposomes in the presence of nucleic acids and divalent cations. *Drug Delivery*, **1998**, 5, 135-41	7	16
17	Vascular endothelial growth factor (VEGF) +405 C/G polymorphism is associated with essential hypertension in a population from Tehran of Iran. *Molecular Biology Reports*, **2012**, 39, 6213-8	2.8	15
16	Modelling of proteolysis in Iranian brined cheese using proteinase-loaded nanoliposome. *International Journal of Dairy Technology*, **2016**, 69, 57-62	3.7	15
15	Strategies of confining green tea catechin compounds in nano-biopolymeric matrices: A review. *Colloids and Surfaces B: Biointerfaces*, **2021**, 204, 111781	6	11
14	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. *Pediatric Transplantation*, **2015**, 19, 399-407	1.8	8
13	Antimicrobial Applications of Nanoliposome Encapsulated Silver Nanoparticles: A Potential Strategy to Overcome Bacterial Resistance. *Current Nanoscience*, **2021**, 17, 26-40	1.4	7

12	Applications of chitosan-based carrier as an encapsulating agent in food industry. *Trends in Food Science and Technology*, **2022**, 120, 88-99	15.3	6
11	Simple Equations Pertaining to the Particle Number and Surface Area of Metallic, Polymeric, Lipidic and Vesicular Nanocarriers. *Scientia Pharmaceutica*, **2021**, 89, 15	4.3	6
10	Potential micro-/nano-encapsulation systems for improving stability and bioavailability of anthocyanins: An updated review. *Critical Reviews in Food Science and Nutrition*, **2021**, 1-24	11.5	5
9	Methodical Design of Viral Vaccines Based on Avant-Garde Nanocarriers: A Multi-Domain Narrative Review. *Biomedicines*, **2021**, 9,	4.8	5
8	Supramolecular assemblies of zwitterionic nanoliposome-polynucleotide complexes as gene transfer vectors: Nanolipoplex formulation and in vitro characterisation. *Journal of Liposome Research*, **2009**, 19, 105-15	6.1	3
7	Entrapment of rosemary extract by liposomes formulated by Mozafari method: physicochemical characterization and optimization.. *Heliyon*, **2021**, 7, e08632	3.6	3
6	A Review of Scanning Probe Microscopy Investigations of Liposome-DNA Complexes. *Journal of Liposome Research*, **2005**, 15, 93-107	6.1	2
5	Modelling a precision loadcell using neural networks for vision-based force measurement in cell micromanipulation **2013**,		1
4	A critical review on approaches to regulate the release rate of bioactive compounds from biopolymeric matrices.. *Food Chemistry*, **2022**, 382, 132411	8.5	1
3	Recent Trends in the Nanoencapsulation Processes for Food and Nutraceutical Applications **2021**, 532-545		1
2	Commentary: amphiphiles and their aggregates in basic and applied science. A post-conference thought on nomenclature. *Cellular and Molecular Biology Letters*, **2005**, 10, 733-4	8.1	1
1	Prevention of SARS-CoV-2 Infection: A Liposomal Functional Food Approach. *International Journal of Preventive Medicine*, **2021**, 12, 26	1.6	