

# Mahdi Adabi

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

966  
citations

430442

18  
h-index

580395

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1482  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biocompatibility and nanostructured materials: applications in nanomedicine. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 833-842.	1.9	155
2	Electrochemical DNA biosensor based on gold nanorods for detecting hepatitis B virus. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 455-461.	1.9	71
3	Investigation of Effective Parameters on Size of Paclitaxel Loaded PLGA Nanoparticles. <i>Advanced Pharmaceutical Bulletin</i> , 2018, 8, 77-84.	0.6	67
4	Performance of electrodes synthesized with polyacrylonitrile-based carbon nanofibers for application in electrochemical sensors and biosensors. <i>Materials Science and Engineering C</i> , 2015, 48, 673-678.	3.8	60
5	Nano-structures mediated co-delivery of therapeutic agents for glioblastoma treatment: A review. <i>Materials Science and Engineering C</i> , 2016, 69, 1092-1102.	3.8	59
6	The nanofibrous PAN-PANi scaffold as an efficient substrate for skeletal muscle differentiation using satellite cells. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 1163-1172.	1.7	56
7	Using an artificial neural network for the evaluation of the parameters controlling PVA/chitosan electrospun nanofibers diameter. <i>E-Polymers</i> , 2015, 15, 127-138.	1.3	45
8	Evaluation of effective electrospinning parameters controlling gelatin nanofibers diameter via modelling artificial neural networks. <i>Fibers and Polymers</i> , 2014, 15, 767-777.	1.1	40
9	Development of a Novel Electroactive Cardiac Patch Based on Carbon Nanofibers and Gelatin Encouraging Vascularization. <i>Applied Biochemistry and Biotechnology</i> , 2020, 190, 931-948.	1.4	39
10	Paclitaxel/methotrexate co-loaded PLGA nanoparticles in glioblastoma treatment: Formulation development and in vitro antitumor activity evaluation. <i>Life Sciences</i> , 2020, 256, 117943.	2.0	39
11	Parameters affecting carbon nanofiber electrodes for measurement of cathodic current in electrochemical sensors: an investigation using artificial neural network. <i>RSC Advances</i> , 2015, 5, 81243-81252.	1.7	37
12	Investigating the effects of particle size and chemical structure on cytotoxicity and bacteriostatic potential of nano hydroxyapatite/chitosan/silica and nano hydroxyapatite/chitosan/silver; as antibacterial bone substitutes. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	36
13	Preparation of imatinib base loaded human serum albumin for application in the treatment of glioblastoma. <i>RSC Advances</i> , 2015, 5, 62214-62219.	1.7	32
14	Effective parameters on conductivity of mineralized carbon nanofibers: an investigation using artificial neural networks. <i>RSC Advances</i> , 2016, 6, 111908-111918.	1.7	31
15	Preparation and optimization of chitosan/polyethylene oxide nanofiber diameter using artificial neural networks. <i>Neural Computing and Applications</i> , 2017, 28, 3131-3143.	3.2	31
16	An electrochemical aptasensor based on electrospun carbon nanofiber mat and gold nanoparticles for the sensitive detection of Penicillin in milk. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 876-882.	1.6	24
17	Effect of Paclitaxel/etoposide co-loaded polymeric nanoparticles on tumor size and survival rate in a rat model of glioblastoma. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120722.	2.6	24
18	Electrodeposition of nickel on electrospun carbon nanofiber mat electrode for electrochemical sensing of glucose. <i>Journal of Dispersion Science and Technology</i> , 2021, 42, 262-269.	1.3	23

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19	An electrochemical immunosensor based on electrospun carbon nanofiber mat decorated with gold nanoparticles and carbon nanotubes for the detection of breast cancer. <i>Journal of Porous Materials</i> , 2021, 28, 415-421.	1.3	21
20	Combination and Co-delivery of Methotrexate and Curcumin: Preparation and In Vitro Cytotoxic Investigation on Glioma Cells. <i>Journal of Pharmaceutical Innovation</i> , 2020, 15, 617-626.	1.1	19
21	Evaluation of the effective forcespinning parameters controlling polyvinyl alcohol nanofibers diameter using artificial neural network. <i>Advances in Polymer Technology</i> , 2018, 37, 1608-1617.	0.8	18
22	Examination of incubation time of bare gold electrode inside cysteamine solution for immobilization of multi-walled carbon nanotubes on a gold electrode modified with cysteamine. <i>Mikrochimica Acta</i> , 2011, 172, 83-88.	2.5	17
23	Yogurt fortified with omega-3 using nanoemulsion containing flaxseed oil: Investigation of physicochemical properties. <i>Food Science and Nutrition</i> , 2021, 9, 6186-6193.	1.5	16
24	Preparation of Paclitaxel and Etoposide Co-loaded mPEG-PLGA Nanoparticles: an Investigation with Artificial Neural Network. <i>Journal of Pharmaceutical Innovation</i> , 2021, 16, 11-25.	1.1	4
25	Designing a fluorescence padlock probe-based biosensor and colorimetric assay for the detection of G12D KRAS mutation. <i>Biomarkers in Medicine</i> , 2021, 15, 1741-1754.	0.6	2