

# Javad Mohammadnejad

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

940  
citations

516561

16  
h-index

454834

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1241  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new colorimetric assay for sensitive detection of glucose-6-phosphate dehydrogenase deficiency based on silver nanoparticles. <i>Nanotechnology</i> , 2022, 33, 055502.	1.3	5
2	Margetuximab conjugated-PEG-PAMAM G4 nano-complex: a smart nano-device for suppression of breast cancer. <i>Biomedical Engineering Letters</i> , 2022, 12, 317-329.	2.1	16
3	Preparation and preclinical characterization of $^{111}\text{In}$ -DTPA-Anti-MUC1 as a radioimmunoconjugate for diagnosis of breast cancer by single-photon emission computed tomography. <i>Journal of Cancer Research and Therapeutics</i> , 2022, 18, 158.	0.3	1
4	Preparation, quality control, and biodistribution assessment of $[^{111}\text{In}]\text{In}\text{-DOTA}\text{-PR81}$ in BALB/c mice bearing breast tumors. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2021, 64, 168-180.	0.5	1
5	Whole cell FRET immunosensor based on graphene oxide and graphene dot for <i>Campylobacter jejuni</i> detection. <i>Food Chemistry</i> , 2020, 309, 125690.	4.2	56
6	Promoted chondrogenesis of hMCSs with controlled release of TGF- $\beta$ 3 via microfluidics synthesized alginate nanogels. <i>Carbohydrate Polymers</i> , 2020, 229, 115551.	5.1	53
7	Chitosan Coating of TiO <sub>2</sub> Nanotube Arrays for Improved Metformin Release and Osteoblast Differentiation. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4471-4481.	3.3	28
8	Breast Tumor Targeting with PAMAM-PEG-5FU-99mTc As a New Therapeutic Nanocomplex: In In-vitro and In-vivo studies. <i>Biomedical Microdevices</i> , 2020, 22, 31.	1.4	34
9	Synthesis and in vitro Evaluation of Tamoxifen-Loaded Gelatin as Effective Nanocomplex in Drug Delivery Systems. <i>International Journal of Nanoscience</i> , 2020, 19, 2050002.	0.4	19
10	Chitosan-PVA-CNT nanofibers as electrically conductive scaffolds for cardiovascular tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 278-287.	3.6	127
11	In vitro effect of branched polyethyleneimine (bPEI) on cells infected with human immunodeficiency virus: enhancement of viral replication. <i>Archives of Virology</i> , 2019, 164, 3019-3026.	0.9	1
12	New Colorimetric DNA Sensor for Detection of <i>Campylobacter jejuni</i> in Milk Sample Based on Peroxidase-Like Activity of Gold/Platinum Nanocluster. <i>ChemistrySelect</i> , 2019, 4, 11687-11692.	0.7	20
13	One-step separation of the recombinant protein by using the amine-functionalized magnetic mesoporous silica nanoparticles; an efficient and facile approach. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 600-608.	3.6	15
14	Folic acid functionalized nanoparticles as pharmaceutical carriers in drug delivery systems. <i>Drug Development Research</i> , 2019, 80, 404-424.	1.4	131
15	A new colorimetric assay for amylase based on starch-supported Cu/Au nanocluster peroxidase-like activity. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3621-3629.	1.9	30
16	A fluorescence nanobiosensor for detection of <i>Campylobacter jejuni</i> DNA in milk based on Au/Ag bimetallic nanoclusters. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 1797-1804.	1.6	9
17	A simple coating method of PDMS microchip with PTFE for synthesis of dexamethasone-encapsulated PLGA nanoparticles. <i>Drug Delivery and Translational Research</i> , 2019, 9, 707-720.	3.0	17
18	Inherent anti-HIV activity of biocompatible anionic citrate-PEG-citrate dendrimer. <i>Molecular Biology Reports</i> , 2019, 46, 143-149.	1.0	17

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19	Synthesis and in vitro study of modified chitosan-polycaprolactam nanocomplex as delivery system. International Journal of Biological Macromolecules, 2018, 113, 1287-1293.	3.6	41
20	Colorimetric aptasensor for Campylobacter jejuni cells by exploiting the peroxidase like activity of Au@Pd nanoparticles. Mikrochimica Acta, 2018, 185, 448.	2.5	89
21	Cross-linking gold nanoparticles aggregation method based on localised surface plasmon resonance for quantitative detection of miR-155. IET Nanobiotechnology, 2018, 12, 453-458.	1.9	23
22	Serum Levels of miR-155, miR-326, and miR-133b as Early Diagnostic Biomarkers for the Detection of Human Acute Heart Allograft Rejection in Comparison with Serum Cardiac Troponin T. Heart Surgery Forum, 2018, 21, 101.	0.2	8
23	Label-Free Detection of Digoxin Using Localized Surface Plasmon Resonance-Based Nanobiosensor. Plasmonics, 2017, 12, 157-164.	1.8	16
24	Preparation of chitosan-silica/PCL composite membrane as wound dressing with enhanced cell attachment. Polymers for Advanced Technologies, 2017, 28, 1396-1408.	1.6	22
25	Evaluating the Potential of an Antibody Against Recombinant OmpW Antigen in Detection of Vibrio cholerae by Surface Plasmon Resonance (SPR) Biosensor. Plasmonics, 2017, 12, 1493-1504.	1.8	15
26	Imaging, biodistribution and in vitro study of smart 99mTc-PAMAM G4 dendrimer as novel nano-complex. Colloids and Surfaces B: Biointerfaces, 2017, 159, 232-240.	2.5	49
27	Selection of specific inhibitor peptides in enzyme-linked immunosorbent assay (ELISA) of cardiac troponin I using immuno-dominant epitopes as competitor. Journal of Immunoassay and Immunochemistry, 2017, 38, 72-81.	0.5	16
28	Development of an immunosensor using oriented immobilized anti-OmpW for sensitive detection of Vibrio cholerae by surface plasmon resonance. Biosensors and Bioelectronics, 2016, 86, 484-488.	5.3	43
29	Comparison of antibody immobilization strategies in detection of <i>Vibrio cholerae</i> by surface plasmon resonance. Biointerphases, 2016, 11, 041006.	0.6	17
30	Development of [ <sup>64</sup> Cu]-DOTA-PR81 radioimmunoconjugate for MUC-1 positive PET imaging. Nuclear Medicine and Biology, 2016, 43, 73-80.	0.3	21