

# Javad Mohammadnejad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3075096/publications.pdf>

Version: 2024-02-01

30  
papers

940  
citations

516710

16  
h-index

454955

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Folic acid functionalized nanoparticles as pharmaceutical carriers in drug delivery systems. Drug Development Research, 2019, 80, 404-424.	2.9	131
2	Chitosan-PVA-CNT nanofibers as electrically conductive scaffolds for cardiovascular tissue engineering. International Journal of Biological Macromolecules, 2019, 140, 278-287.	7.5	127
3	Colorimetric aptasensor for Campylobacter jejuni cells by exploiting the peroxidase like activity of Au@Pd nanoparticles. Mikrochimica Acta, 2018, 185, 448.	5.0	89
4	Whole cell FRET immunosensor based on graphene oxide and graphene dot for Campylobacter jejuni detection. Food Chemistry, 2020, 309, 125690.	8.2	56
5	Promoted chondrogenesis of hMCSs with controlled release of TGF- $\beta$ 23 via microfluidics synthesized alginate nanogels. Carbohydrate Polymers, 2020, 229, 115551.	10.2	53
6	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.	5.0	49
7	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.	10.1	43
8	Synthesis and in vitro study of modified chitosan-polycaprolactam nanocomplex as delivery system. International Journal of Biological Macromolecules, 2018, 113, 1287-1293.	7.5	41
9	Breast Tumor Targeting with PAMAM-PEG-5FU-99mTc As a New Therapeutic Nanocomplex: In In-vitro and In-vivo studies. Biomedical Microdevices, 2020, 22, 31.	2.8	34
10	A new colorimetric assay for amylase based on starch-supported Cu/Au nanocluster peroxidase-like activity. Analytical and Bioanalytical Chemistry, 2019, 411, 3621-3629.	3.7	30
11	&lt;p&gt;Chitosan Coating of TiO2 Nanotube Arrays for Improved Metformin Release and Osteoblast Differentiation&lt;/p&gt;. International Journal of Nanomedicine, 2020, Volume 15, 4471-4481.	6.7	28
12	Cross-linking gold nanoparticles aggregation method based on localised surface plasmon resonance for quantitative detection of miR-155. IET Nanobiotechnology, 2018, 12, 453-458.	3.8	23
13	Preparation of chitosan-silica/PCL composite membrane as wound dressing with enhanced cell attachment. Polymers for Advanced Technologies, 2017, 28, 1396-1408.	3.2	22
14	Development of [ 64 Cu]-DOTA-PR81 radioimmunoconjugate for MUC-1 positive PET imaging. Nuclear Medicine and Biology, 2016, 43, 73-80.	0.6	21
15	New Colorimetric DNA Sensor for Detection of <i>Campylobacter jejuni</i> in Milk Sample Based on Peroxidase-Like Activity of Gold/Platinum Nanocluster. ChemistrySelect, 2019, 4, 11687-11692.	1.5	20
16	Synthesis and in vitro Evaluation of Tamoxifen-Loaded Gelatin as Effective Nanocomplex in Drug Delivery Systems. International Journal of Nanoscience, 2020, 19, 2050002.	0.7	19
17	Comparison of antibody immobilization strategies in detection of <i>Vibrio cholerae</i> by surface plasmon resonance. Biointerphases, 2016, 11, 041006.	1.6	17
18	A simple coating method of PDMS microchip with PTFE for synthesis of dexamethasone-encapsulated PLGA nanoparticles. Drug Delivery and Translational Research, 2019, 9, 707-720.	5.8	17

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19	Inherent anti-HIV activity of biocompatible anionic citrate-PEG-citrate dendrimer. <i>Molecular Biology Reports</i> , 2019, 46, 143-149.	2.3	17
20	Label-Free Detection of Digoxin Using Localized Surface Plasmon Resonance-Based Nanobiosensor. <i>Plasmonics</i> , 2017, 12, 157-164.	3.4	16
21	Selection of specific inhibitor peptides in enzyme-linked immunosorbent assay (ELISA) of cardiac troponin I using immuno-dominant epitopes as competitor. <i>Journal of Immunoassay and Immunochemistry</i> , 2017, 38, 72-81.	1.1	16
22	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.	4.1	16
23	Evaluating the Potential of an Antibody Against Recombinant OmpW Antigen in Detection of <i>Vibrio cholerae</i> by Surface Plasmon Resonance (SPR) Biosensor. <i>Plasmonics</i> , 2017, 12, 1493-1504.	3.4	15
24	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.	7.5	15
25	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.	3.2	9
26	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. <i>Heart Surgery Forum</i> , 2018, 21, 101.	0.5	8
27	A new colorimetric assay for sensitive detection of glucose-6-phosphate dehydrogenase deficiency based on silver nanoparticles. <i>Nanotechnology</i> , 2022, 33, 055502.	2.6	5
28	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.	2.1	1
29	Preparation, quality control, and biodistribution assessment of [ <sup>111</sup> In]In-ε-DOTA-ε-PR81 in BALB/c mice bearing breast tumors. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2021, 64, 168-180.	1.0	1
30	Preparation and preclinical characterization of <sup>111</sup> 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.	0.9	1