

# Navid Omidifar

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

1,349  
citations

304368

22  
h-index

414034

32  
g-index

78  
all docs

78  
docs citations

78  
times ranked

956  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-sensitive viral glycoprotein detection NanoSystem toward accurate tracing SARS-CoV-2 in biological/non-biological media. <i>Biosensors and Bioelectronics</i> , 2021, 171, 112731.	5.3	102
2	Bioactive Graphene Quantum Dots Based Polymer Composite for Biomedical Applications. <i>Polymers</i> , 2022, 14, 617.	2.0	61
3	Recent Advances in Enzymes for the Bioremediation of Pollutants. <i>Biochemistry Research International</i> , 2021, 2021, 1-12.	1.5	49
4	Recent Progress in Chemical Composition, Production, and Pharmaceutical Effects of Kombucha Beverage: A Complementary and Alternative Medicine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-14.	0.5	47
5	3D Nanostructures for Tissue Engineering, Cancer Therapy, and Gene Delivery. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-24.	1.5	45
6	Thymoquinone attenuates hepatotoxicity and oxidative damage caused by diazinon: an in vivo study. <i>Research in Pharmaceutical Sciences</i> , 2018, 13, 500.	0.6	44
7	Asymmetric Membranes: A Potential Scaffold for Wound Healing Applications. <i>Symmetry</i> , 2020, 12, 1100.	1.1	43
8	Metformin attenuates oxidative stress and liver damage after bile duct ligation in rats. <i>Research in Pharmaceutical Sciences</i> , 2019, 14, 122.	0.6	43
9	Ultra-precise label-free nanosensor based on integrated graphene with Au nanostars toward direct detection of IgG antibodies of SARS-CoV-2 in blood. <i>Journal of Electroanalytical Chemistry</i> , 2021, 894, 115341.	1.9	41
10	Recent biotechnological approaches for treatment of novel COVID-19: from bench to clinical trial. <i>Drug Metabolism Reviews</i> , 2021, 53, 141-170.	1.5	39
11	The hydroalcoholic extract of watercress attenuates protein oxidation, oxidative stress, and liver damage after bile duct ligation in rats. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 14875-14884.	1.2	38
12	Antibacterial activity of SPIONs versus ferrous and ferric ions under aerobic and anaerobic conditions: a preliminary mechanism study. <i>IET Nanobiotechnology</i> , 2020, 14, 155-160.	1.9	38
13	Antibacterial Effects of Green-Synthesized Silver Nanoparticles Using <i>Ferula asafoetida</i> against <i>Acinetobacter baumannii</i> Isolated from the Hospital Environment and Assessment of Their Cytotoxicity on the Human Cell Lines. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-12.	1.5	35
14	Biochemical and Histological Evidence on the Protective Effects of <i>Allium hirtifolium</i> Boiss (Persian Shallot) as an Herbal Supplement in Cadmium-Induced Hepatotoxicity. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-8.	0.5	32
15	Bioinorganic Synthesis of Polyrhodanine Stabilized Fe <sub>3</sub> O <sub>4</sub> /Graphene Oxide in Microbial Supernatant Media for Anticancer and Antibacterial Applications. <i>Bioinorganic Chemistry and Applications</i> , 2021, 2021, 1-12.	1.8	31
16	Recent Advancements in Polythiophene-Based Materials and their Biomedical, Geno Sensor and DNA Detection. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6850.	1.8	31
17	The modulatory potential of herbal antioxidants against oxidative stress and heavy metal pollution: plants against environmental oxidative stress. <i>Environmental Science and Pollution Research</i> , 2021, 28, 61908-61918.	2.7	31
18	Shape-controlled synthesis of zinc nanostructures mediating macromolecules for biomedical applications. <i>Biomaterials Research</i> , 2022, 26, 4.	3.2	29

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19	Highly Sensitive Flexible SERS-Based Sensing Platform for Detection of COVID-19. <i>Biosensors</i> , 2022, 12, 466.	2.3	27
20	Kidney diseases and COVID-19 infection: causes and effect, supportive therapeutics and nutritional perspectives. <i>Heliyon</i> , 2021, 7, e06008.	1.4	25
21	Bio-enhanced polyrhodanine/graphene Oxide/Fe <sub>3</sub> O <sub>4</sub> nanocomposite with kombucha solvent supernatant as ultra-sensitive biosensor for detection of doxorubicin hydrochloride in biological fluids. <i>Materials Chemistry and Physics</i> , 2022, 279, 125743.	2.0	25
22	Recent Advances in Plasma-Engineered Polymers for Biomarker-Based Viral Detection and Highly Multiplexed Analysis. <i>Biosensors</i> , 2022, 12, 286.	2.3	24
23	Pentoxifylline Attenuates Arsenic Trioxide-Induced Cardiac Oxidative Damage in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-10.	1.9	23
24	Knowledge and Attitude regarding COVID-19 among Pregnant Women in Southwestern Iran in the Early Period of its Outbreak: A Cross-Sectional Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 2368-2375.	0.6	22
25	Recent Advances in Inflammatory Diagnosis with Graphene Quantum Dots Enhanced SERS Detection. <i>Biosensors</i> , 2022, 12, 461.	2.3	22
26	A Review on Health Benefits of <i>Malva sylvestris</i> L. Nutritional Compounds for Metabolites, Antioxidants, and Anti-Inflammatory, Anticancer, and Antimicrobial Applications. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-13.	0.5	21
27	Graphene-Based Femtogram-Level Sensitive Molecularly Imprinted Polymer of SARS-CoV-2. <i>Advanced Materials Interfaces</i> , 2021, 8, 2101466.	1.9	20
28	Multifunctional Gold Nanorod for Therapeutic Applications and Pharmaceutical Delivery Considering Cellular Metabolic Responses, Oxidative Stress and Cellular Longevity. <i>Nanomaterials</i> , 2021, 11, 1868.	1.9	19
29	The Pivotal Role of Quantum Dots-Based Biomarkers Integrated with Ultra-Sensitive Probes for Multiplex Detection of Human Viral Infections. <i>Pharmaceutics</i> , 2022, 15, 880.	1.7	19
30	Use of fine needle aspiration cytology in the diagnosis of cutaneous leishmaniasis: a comparison with the conventional scraping method. <i>Tropical Doctor</i> , 2012, 42, 112-113.	0.2	18
31	A Novel Effective Formulation of Bioactive Compounds for Wound Healing: Preparation, In Vivo Characterization, and Comparison of Various Postbiotics Cold Creams in a Rat Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-13.	0.5	18
32	Simultaneous electrochemical detection of Cd and Pb in aquatic samples via coupled graphene with brominated white polyaniline flakes. <i>European Polymer Journal</i> , 2022, 162, 110926.	2.6	17
33	Plasma-Enabled Smart Nanoexosome Platform as Emerging Immunopathogenesis for Clinical Viral Infection. <i>Pharmaceutics</i> , 2022, 14, 1054.	2.0	16
34	Trends in Natural Nutrients for Oxidative Stress and Cell Senescence. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-7.	1.9	15
35	Antibody mounting capability of 1D/2D carbonaceous nanomaterials toward rapid-specific detection of SARS-CoV-2. <i>Talanta</i> , 2022, 239, 123113.	2.9	15
36	Renoprotective Effects of <i>Origanum majorana</i> Methanolic L and Carvacrol on Ischemia/Reperfusion-Induced Kidney Injury in Male Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-9.	0.5	14

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37	Ultrasensitive Biomolecule-Less Nanosensor Based on $\beta$ -Cyclodextrin/Quinoline Decorated Graphene Oxide toward Prompt and Differentiable Detection of Corona and Influenza Viruses. <i>Advanced Materials Technologies</i> , 2021, 6, 2100341.	3.0	13
38	Precise Blood Glucose Sensing by Nitrogen-Doped Graphene Quantum Dots for Tight Control of Diabetes. <i>Journal of Sensors</i> , 2021, 2021, 1-14.	0.6	12
39	Protective and therapeutic effects of ethanolic extract of <i>Nasturtium officinale</i> (watercress) and vitamin E against bleomycin-induced pulmonary fibrosis in rats. <i>Research in Pharmaceutical Sciences</i> , 2021, 16, 94.	0.6	12
40	K-ras Mutation in Colorectal Cancer, A Report from Southern Iran. <i>Iranian Journal of Medical Sciences</i> , 2015, 40, 454-60.	0.3	12
41	How accurate is frozen section pathology compared to permanent pathology in detecting involved margins and lymph nodes in breast cancer?. <i>World Journal of Surgical Oncology</i> , 2021, 19, 261.	0.8	11
42	Recent Progress in Nanobiosensors for Precise Detection of Blood Glucose Level. <i>Biochemistry Research International</i> , 2022, 2022, 1-12.	1.5	11
43	Functionalization of Graphene Oxide Nanosheets Can Reduce Their Cytotoxicity to Dental Pulp Stem Cells. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-14.	1.5	10
44	Recent Progress in Electrochemical Detection of Human Papillomavirus (HPV) via Graphene-Based Nanosensors. <i>Journal of Sensors</i> , 2021, 2021, 1-15.	0.6	9
45	The Hydroalcoholic Extract of <i>Nasturtium officinale</i> Reduces Lung Inflammation and Oxidative Stress in an Ovalbumin-Induced Rat Model of Asthma. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-10.	0.5	9
46	Pulmonary Extramedullary Hematopoiesis in a Patient with Chronic Asthma Resembling Lung Cancer: A Case Report. <i>Case Reports in Medicine</i> , 2012, 2012, 1-3.	0.3	8
47	Diagnostic Accuracy of Immunologic Biomarkers for Accurate Diagnosis of Bloodstream Infection in Patients with Malignancy: Procalcitonin in Comparison with C-Reactive Protein. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2020, 2020, 1-6.	0.7	8
48	Liposome Extract of <i>Stachys pilifera</i> Benth Effectively Improved Liver Damage due to Bile Duct Ligation Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-9.	1.9	8
49	Hybrid of sodium polytungstate polyoxometalate supported by the green substrate for photocatalytic degradation of auramine-O dye. <i>Environmental Science and Pollution Research</i> , 2022, 29, 56055-56067.	2.7	8
50	Bone marrow and karyotype findings of patients with pancytopenia in southern iran. <i>Iranian Journal of Medical Sciences</i> , 2014, 39, 333-40.	0.3	7
51	The potential of surface nano-engineering in characteristics of cobalt-based nanoparticles and biointerface interaction with prokaryotic and human cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 215, 112485.	2.5	7
52	Different Laboratory Diagnosis Methods of COVID-19: A Systematic Review. <i>Archives of Clinical Infectious Diseases</i> , 2021, 16, .	0.1	6
53	Assessing the presence of genome in pregnant women with spontaneous abortion using polymerase chain reaction method in Yasuj: First report from Southwest of Iran. <i>Journal of Education and Health Promotion</i> , 2017, 6, 45.	0.3	6
54	Differentiable detection of ethanol/methanol in biological fluids using prompt graphene-based electrochemical nanosensor coupled with catalytic complex of nickel oxide/8-hydroxyquinoline. <i>Analytica Chimica Acta</i> , 2022, 1194, 339407.	2.6	6

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55	Prevalence of Anti-SARS-CoV-2 Antibody in Hospital Staff in Double-Center Setting: A Preliminary Report of a Cohort Study From Iran. Shiraz E Medical Journal, 2021, 22, .	0.1	5
56	Introduction to clinical pathology: A brief course of laboratory medicine in the field for medical students. Journal of Education and Health Promotion, 2017, 6, 84.	0.3	5
57	Adenoid Cystic Carcinoma of Bartholin's Gland Clinically Mimics Endometriosis, A Case Report. Iranian Journal of Medical Sciences, 2014, 39, 580-3.	0.3	5
58	Prediction and screening of esophageal varices in cirrhotic patients using doppler US hemodynamic indices of portal system. Gastroenterology Insights, 2011, 3, 4.	0.7	4
59	Association between Nonalcoholic Fatty Liver Disease (NAFLD) and Coronary Artery Disease (CAD) in Patients with Angina Pectoris. Open Journal of Medical Imaging, 2013, 03, 97-101.	0.1	4
60	Hepatoprotective effects of leaf extract on carbon tetrachloride-induced hepatotoxicity in rats. Journal of Education and Health Promotion, 2018, 7, 147.	0.3	4
61	Prevention of Postsurgical Abdominal Adhesion Using Electrospun TPU Nanofibers in Rat Model. BioMed Research International, 2021, 2021, 1-16.	0.9	4
62	Long-lasting chondromyxoid fibroma of the zygoma: A rare case report and review of literature. Journal of Education and Health Promotion, 2017, 6, 78.	0.3	3
63	Burnout in hospital staff using partial least squares path modeling for job-person fit: The case of a tertiary referral hospital in southwest Iran. PLoS ONE, 2022, 17, e0262774.	1.1	3
64	Histopathological Changes in Rabbit Gastric Mucosa After Chronic Exposure to Pickled Vegetables: An Experimental Study. Nutrition and Cancer, 2013, 65, 1042-1044.	0.9	2
65	Distribution and antimicrobial susceptibility pattern of bacterial pathogens causing urinary tract infection in pregnant women in Shiraz, Southwest Iran. Gene Reports, 2020, 20, 100731.	0.4	2
66	Two Invasive Thymomas Incidentally Found during Coronary Artery Bypass Graft Surgery. Case Reports in Pathology, 2016, 2016, 1-4.	0.2	1
67	Survey of Relationship between Changes in Serum Levels of Procalcitonin with Response to Treatment in Patients with SIRS Positive Acute Pyelonephritis. World Family Medicine Journal/Middle East Journal of Family Medicine, 2017, 15, 198-201.	0.1	1
68	Serum zinc associated with immunity and inflammatory markers in Covid-19. Open Medicine (Poland), 2022, 17, 702-711.	0.6	1
69	The role of educating health-care personnel in prevention, diagnosis, or treatment of COVID-19: A narrative mini review.. Journal of Education and Health Promotion, 2021, 10, 476.	0.3	1
70	Hepatic Response to the Interaction Between Thymoquinone and Iron-Dextran: an In Vitro and In Vivo Study. Biological Trace Element Research, 2022, , 1.	1.9	1
71	Role of fine needle aspiration cytology in the diagnosis of cutaneous leishmaniasis. International Journal of Infectious Diseases, 2016, 45, 157.	1.5	0
72	Serum Zinc Level in $\beta^2$ -Thalassemia Major: A Retrospective Study in Southwest Iran. Hemoglobin, 2021, 45, 1-4.	0.4	0

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73	Current Trends in the Detection of Biological Proteins and Immunological Assays using Graphene Quantum Dots. <i>Current Analytical Chemistry</i> , 2020, 17, .	0.6	0
74	Cytologic diagnosis of atypical teratoid rhabdoid tumor based on touch imprint study: Report of a case with review of literature. <i>Journal of Education and Health Promotion</i> , 2017, 6, 59.	0.3	0
75	Effectiveness of hydroalcoholic extract on dyspepsia: A randomized, double blind clinical trial. <i>Journal of Education and Health Promotion</i> , 2017, 6, 62.	0.3	0
76	Cost-Effectiveness Analysis of Intraoperative Frozen Section in Women with Breast Cancer: Evidence from South of Iran.. <i>Iranian Journal of Medical Sciences</i> , 2022, 47, 143-151.	0.3	0
77	Pathologists' professional lifestyle: Excellence in practice, ethics, education, health promotion, and personal life. <i>Journal of Education and Health Promotion</i> , 2022, 11, 97.	0.3	0