

# Amir Savardashtaki

## List of Publications by Year in descending order

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Version: 2024-02-01

95  
papers

2,836  
citations

201658

27  
h-index

197805

49  
g-index

103  
all docs

103  
docs citations

103  
times ranked

3055  
citing authors

#	ARTICLE	IF	CITATIONS
1	Galactosidase: From its source and applications to its recombinant form. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 612-628.	3.1	33
2	A brief overview on the application and sources of Amylase and expression hosts properties in order to production of recombinant Amylase. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 650-659.	3.1	17
3	Streptococcal bacterial components in cancer therapy. <i>Cancer Gene Therapy</i> , 2022, 29, 141-155.	4.6	9
4	Glucose oxidase: Applications, sources, and recombinant production. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 939-950.	3.1	54
5	Caspase-3: Structure, function, and biotechnological aspects. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 1633-1645.	3.1	134
6	Detection and phylogenetic analysis of <i>Sarcocystis moulei</i> and <i>Sarcocystis</i> spp. ( <i>Sarcocystidae</i> ): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.0	1
7	LncRNAs Roles in Chemoresistance of Cancer Cells. <i>Current Molecular Medicine</i> , 2022, 22, 691-702.	1.3	8
8	Evaluating Five <i>Escherichia coli</i> Derivative Strains as a Platform for Arginine Deiminase Overproduction. <i>Recent Patents on Biotechnology</i> , 2022, 16, 174-183.	0.8	0
9	Gastrointestinal cancer drug resistance: the role of exosomal miRNAs. <i>Molecular Biology Reports</i> , 2022, 49, 2421-2432.	2.3	10
10	Development of a recombinant nucleocapsid protein-based ELISA for the detection of IgM and IgG antibodies to SARS-CoV-2. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 2592-2598.	3.1	5
11	Exosomal microRNAs and long noncoding RNAs: Novel mediators of drug resistance in lung cancer. <i>Journal of Cellular Physiology</i> , 2022, 237, 2095-2106.	4.1	13
12	Recombinant Expression and Antibacterial Properties of BmTXKS2 Venom Peptide in Fusion with GST. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, 1.	1.9	2
13	The memory modulatory effect of agmatine in passive avoidance task coincides with alterations of hippocampal CaMKII $\alpha$ and ERK signaling in mice. <i>European Journal of Pharmacology</i> , 2022, 923, 174928.	3.5	4
14	Mining the Proteome of Toxoplasma Parasites Seeking Vaccine and Diagnostic Candidates. <i>Animals</i> , 2022, 12, 1098.	2.3	5
15	The role of miR-153 and related upstream/downstream pathways in cancers: from a potential biomarker to treatment of tumor resistance and a therapeutic target. <i>Medical Oncology</i> , 2022, 39, 62.	2.5	1
16	Review of electrochemical and optical biosensors for testosterone measurement. <i>Biotechnology and Applied Biochemistry</i> , 2022, , .	3.1	1
17	The cross-talk between soluble Find me and Keep out signals as an initial step in regulating efferocytosis. <i>Journal of Cellular Physiology</i> , 2022, 237, 3113-3126.	4.1	5
18	B-Cell Epitope Mapping from Eight Antigens of <i>Candida albicans</i> to Design a Novel Diagnostic Kit: An Immunoinformatics Approach. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, .	1.9	1

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19	Recent findings on the role of microRNAs in genetic kidney diseases. <i>Molecular Biology Reports</i> , 2022, 49, 7039-7056.	2.3	10
20	The regulation of efferocytosis signaling pathways and adipose tissue homeostasis in physiological conditions and obesity: Current understanding and treatment options. <i>Obesity Reviews</i> , 2022, 23, .	6.5	6
21	Effects of Ginkgo biloba intake on cardiometabolic parameters in patients with type 2 diabetes mellitus: A systematic review and meta-analysis of clinical trials. <i>Phytotherapy Research</i> , 2021, 35, 246-255.	5.8	7
22	Quercetin and vitamin E alleviate ovariectomy-induced osteoporosis by modulating autophagy and apoptosis in rat bone cells. <i>Journal of Cellular Physiology</i> , 2021, 236, 3495-3509.	4.1	42
23	Autoantigen-specific immune tolerance in pathological and physiological cell death: Nanotechnology comes into view. <i>International Immunopharmacology</i> , 2021, 90, 107177.	3.8	11
24	Designing an HCV diagnostic kit for common genotypes of the virus in Iran based on conserved regions of core, NS3-protease, NS4A/B, and NS5A/B antigens: an in silico approach. <i>Biologia (Poland)</i> , 2021, 76, 281-296.	1.5	4
25	COVID-19 and cardiac injury: clinical manifestations, biomarkers, mechanisms, diagnosis, treatment, and follow up. <i>Expert Review of Anti-Infective Therapy</i> , 2021, 19, 345-357.	4.4	157
26	Design and evaluation of scFv-RTX-A as a novel immunotoxin for breast cancer treatment: an in silico approach. <i>Journal of Immunoassay and Immunochemistry</i> , 2021, 42, 19-33.	1.1	11
27	Artemisia Species as a New Candidate for Diabetes Therapy: A Comprehensive Review. <i>Current Molecular Medicine</i> , 2021, 21, 832-849.	1.3	4
28	MicroRNAs in temporal lobe epilepsy: a systematic review. <i>Neurological Sciences</i> , 2021, 42, 571-578.	1.9	9
29	Kidney diseases and COVID-19 infection: causes and effect, supportive therapeutics and nutritional perspectives. <i>Heliyon</i> , 2021, 7, e06008.	3.2	25
30	The host mTOR pathway and parasitic diseases pathogenesis. <i>Parasitology Research</i> , 2021, 120, 1151-1166.	1.6	19
31	Isolation, Identification and In Silico Study of Native Cellulase Producing Bacteria. <i>Current Proteomics</i> , 2021, 18, 3-11.	0.3	4
32	Probiotics/Prebiotics in Viral Respiratory Infections: Implication for Emerging Pathogens. <i>Recent Patents on Biotechnology</i> , 2021, 15, 112-136.	0.8	7
33	Darolutamide as a Second-Generation Androgen Receptor Inhibitor in the Treatment of Prostate Cancer. <i>Current Molecular Medicine</i> , 2021, 21, 332-346.	1.3	10
34	A network-based approach to identify key genes between follicular thyroid cancer and follicular thyroid adenoma. <i>Gene Reports</i> , 2021, 23, 101075.	0.8	1
35	The synergistic interference effect of silica nanoparticles concentration and the wavelength of ELISA on the colorimetric assay of cell toxicity. <i>Scientific Reports</i> , 2021, 11, 15133.	3.3	11
36	The regulation of CD47-SIRP1 signaling axis by microRNAs in combination with conventional cytotoxic drugs together with the help of nano-delivery: a choice for therapy?. <i>Molecular Biology Reports</i> , 2021, 48, 5707-5722.	2.3	11

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37	Exosomal noncoding RNAs: key players in glioblastoma drug resistance. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 4081-4092.	3.1	30
38	The complex roles of efferocytosis in cancer development, metastasis, and treatment. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111776.	5.6	20
39	Gold Nanobiosensor Based on the Localized Surface Plasmon Resonance is Able to Diagnose Human Brucellosis, Introducing a Rapid and Affordable Method. <i>Nanoscale Research Letters</i> , 2021, 16, 144.	5.7	6
40	Finding Appropriate Signal Peptides for Secretory Production of Recombinant Glucarpidase: An In Silico Method. <i>Recent Patents on Biotechnology</i> , 2021, 15, 302-315.	0.8	4
41	Association of PICK1 and BDNF variations with increased risk of methamphetamine dependence among Iranian population: a caseâ€“control study. <i>BMC Medical Genomics</i> , 2021, 14, 27.	1.5	2
42	Serosurvey of parvovirus B19 and cytomegalovirus infections among female university students in Shiraz, Southern Iran. <i>Journal of Immunoassay and Immunochemistry</i> , 2021, 42, 202-209.	1.1	1
43	microRNA in inflammatory bowel disease at a glance. <i>European Journal of Gastroenterology and Hepatology</i> , 2021, 32, 140-148.	1.6	11
44	Bispecific antibodies in colorectal cancer therapy: recent insights and emerging concepts. <i>Immunotherapy</i> , 2021, 13, 1355-1367.	2.0	2
45	<scp>microRNAs</scp> in female infertility: An overview. <i>Cell Biochemistry and Function</i> , 2021, 39, 955-969.	2.9	13
46	In Silico Design and Evaluation of PRAME+FliCÎ”D2D3 as a New Breast Cancer Vaccine Candidate. <i>Iranian Journal of Medical Sciences</i> , 2021, 46, 52-60.	0.4	2
47	The Effect of Cigarette Smoke Exposure on Efferocytosis in Chronic Obstructive Pulmonary Disease; Molecular Mechanisms and Treatment Opportunities. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2021, 18, 723-736.	1.6	4
48	Insights into the Function of Regulatory RNAs in Bacteria and Archaea. <i>International Journal of Translational Medicine</i> , 2021, 1, 403-423.	0.4	3
49	In Silico Designing a Candidate Vaccine Against Breast Cancer. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 369-380.	1.9	14
50	Exosomes and cancer: From oncogenic roles to therapeutic applications. <i>IUBMB Life</i> , 2020, 72, 724-748.	3.4	47
51	<i>Neobalantidium coli</i>: First molecular identification from the Eurasian wild boar, <i>Sus Scrofa</i> in Bushehr Province, Southwestern Iran. <i>Veterinary Medicine and Science</i> , 2020, 6, 142-146.	1.6	9
52	Therapeutic potentials of curcumin in the treatment of glioblastoma. <i>European Journal of Medicinal Chemistry</i> , 2020, 188, 112040.	5.5	47
53	Circular RNAs and gastrointestinal cancers: Epigenetic regulators with a prognostic and therapeutic role. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 145, 102854.	4.4	132
54	Data on cytotoxic and antibacterial activity of synthesized Fe <sub>3</sub> O <sub>4</sub> nanoparticles using <i>Malva sylvestris</i> . <i>Data in Brief</i> , 2020, 28, 104929.	1.0	39

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55	Autophagy-related MicroRNAs in chronic lung diseases and lung cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 153, 103063.	4.4	45
56	Development of graphene based nanocomposites towards medical and biological applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 1189-1205.	2.8	33
57	Role of exosomes in malignant glioma: microRNAs and proteins in pathogenesis and diagnosis. <i>Cell Communication and Signaling</i> , 2020, 18, 120.	6.5	64
58	Serodiagnosis of human cystic echinococcosis based on recombinant antigens B8/1 and B8/2 of <i>Echinococcus granulosus</i> . <i>Journal of Immunoassay and Immunochemistry</i> , 2020, 41, 1010-1020.	1.1	10
59	Non-adaptive Evolution of Trimeric Autotransporters in Brucellaceae. <i>Frontiers in Microbiology</i> , 2020, 11, 560667.	3.5	3
60	TGF- $\beta$ 2 and WNT signaling pathways in cardiac fibrosis: non-coding RNAs come into focus. <i>Cell Communication and Signaling</i> , 2020, 18, 87.	6.5	102
61	The use of proteomics for the identification of promising vaccine and diagnostic biomarkers in <i>Plasmodium falciparum</i> . <i>Parasitology</i> , 2020, 147, 1255-1262.	1.5	8
62	Laboratory Findings of COVID-19 Infection are Conflicting in Different Age Groups and Pregnant Women: A Literature Review. <i>Archives of Medical Research</i> , 2020, 51, 603-607.	3.3	73
63	Quercetin and cancer: new insights into its therapeutic effects on ovarian cancer cells. <i>Cell and Bioscience</i> , 2020, 10, 32.	4.8	176
64	Biosensors for detection of Tau protein as an Alzheimer's disease marker. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 1100-1108.	7.5	53
65	Colorimetric Sensor Based on $\beta$ -Cyclodextrin-Functionalized Silver Nanoparticles for Zidovudine Sensitive Determination. <i>International Journal of Analytical Chemistry</i> , 2020, 2020, 1-7.	1.0	2
66	The Role of MicroRNAs in Lung Cancer: Implications for Diagnosis and Therapy. <i>Current Molecular Medicine</i> , 2020, 20, 90-101.	1.3	44
67	Autophagy regulation by microRNAs : Novel insights into osteosarcoma therapy. <i>IUBMB Life</i> , 2020, 72, 1306-1321.	3.4	43
68	Therapeutic potentials of curcumin in the treatment of non-small cell lung carcinoma. <i>Phytotherapy Research</i> , 2020, 34, 2557-2576.	5.8	40
69	The effectiveness of pistachio on glycemic control and insulin sensitivity in patients with type 2 diabetes, prediabetes and metabolic syndrome: A systematic review and meta-analysis. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 1589-1595.	3.6	16
70	Electrochemical-Based Biosensors: New Diagnosis Platforms for Cardiovascular Disease. <i>Current Medicinal Chemistry</i> , 2020, 27, 2550-2575.	2.4	10
71	Suitable Signal Peptides for Secretory Production of Recombinant Granulocyte Colony Stimulating Factor in <i>Escherichia coli</i> . <i>Recent Patents on Biotechnology</i> , 2020, 14, 269-282.	0.8	15
72	In silico Evaluation of PLAC1-fliC As a Chimeric Vaccine against Breast Cancer. <i>Iranian Biomedical Journal</i> , 2020, 24, 173-182.	0.7	13

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73	In Silico Design and Evaluation of scFv-CdtB as a Novel Immunotoxin for Breast Cancer Treatment. International Journal of Cancer Management, 2020, 13, .	0.4	13
74	<i>In Silico</i> Study of 1, 4 Alpha Glucan Branching Enzyme and Substrate Docking Studies. Current Proteomics, 2020, 17, 40-50.	0.3	0
75	Amino Acids Sequence-based Analysis of Arginine Deiminase from Different Prokaryotic Organisms: An In Silico Approach. Recent Patents on Biotechnology, 2020, 14, 235-246.	0.8	3
76	Analyzing Signal Peptides for Secretory Production of Recombinant Diagnostic Antigen B8/1 from : An Approach. Molecular Biology Research Communications, 2020, 9, 1-10.	0.3	5
77	Electrochemical-based biosensors for microRNA detection: Nanotechnology comes into view. Analytical Biochemistry, 2019, 581, 113349.	2.4	113
78	Circulating microRNAs as potential diagnostic biomarkers and therapeutic targets in prostate cancer: Current status and future perspectives. Journal of Cellular Biochemistry, 2019, 120, 16316-16329.	2.6	28
79	miRNAs derived from cancer-associated fibroblasts in colorectal cancer. Epigenomics, 2019, 11, 1627-1645.	2.1	58
80	Circular RNAs in cancer: new insights into functions and implications in ovarian cancer. Journal of Ovarian Research, 2019, 12, 84.	3.0	106
81	MARK4 protein can explore the active-like conformations in its non-phosphorylated state. Scientific Reports, 2019, 9, 12967.	3.3	4
82	Graphene nano-ribbon based high potential and efficiency for DNA, cancer therapy and drug delivery applications. Drug Metabolism Reviews, 2019, 51, 91-104.	3.6	44
83	Genomic and protein structure analysis of the luciferase from the Iranian bioluminescent beetle, Luciola sp.. International Journal of Biological Macromolecules, 2019, 124, 689-698.	7.5	9
84	Early detection of lung cancer biomarkers through biosensor technology: A review. Journal of Pharmaceutical and Biomedical Analysis, 2019, 164, 93-103.	2.8	128
85	Long Non-Coding RNAs As Epigenetic Regulators in Cancer. Current Pharmaceutical Design, 2019, 25, 3563-3577.	1.9	98
86	Comparison of the Utility of Recombinant B8/2 Subunit of the Antigen B, Native Antigen, and a Commercial ELISA Kit in the Diagnosis of Human Cystic Echinococcosis. Iranian Biomedical Journal, 2019, 23, 246-252.	0.7	5
87	analysis of suitable signal peptides for secretion of a recombinant alcohol dehydrogenase with a key role in atorvastatin enzymatic synthesis. Molecular Biology Research Communications, 2019, 8, 17-26.	0.3	13
88	Comparison of the Utility of Recombinant B8/2 Subunit of the Antigen B, Native Antigen, and a Commercial ELISA Kit in the Diagnosis of Human Cystic Echinococcosis. Iranian Biomedical Journal, 2019, 23, 246-52.	0.7	1
89	LytU-SH3b fusion protein as a novel and efficient enzybiotic against methicillin-resistant. Molecular Biology Research Communications, 2019, 8, 151-158.	0.3	8
90	Green synthesis of iron oxide nanoparticles by aqueous leaf extract of Daphne mezereum as a novel dye removing material. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	196

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91	Polyethylenimine-based nanocarriers in co-delivery of drug and gene: a developing horizon. Nano Reviews & Experiments, 2018, 9, 1488497.	3.7	192
92	Core-Shell Nanofibers: A New Horizon in Controlling the Drug Release. Current Cancer Therapy Reviews, 2017, 13, .	0.3	3
93	Clinical and Molecular Evaluation of a Case of Giant Primary Splenic Hydatid Cyst: A Case Report. Iranian Journal of Parasitology, 2016, 11, 585-590.	0.6	8
94	Evaluation the Synergistic Effect of High Dose Radiation of Radioiodine on the Immune System Suppressed By Cyclosporine. American Journal of Immunology, 2015, 11, 85-91.	0.1	2
95	Analysis of Immunoreactivity of Heterologously Expressed Non-structural Protein 4B (NS4B) from Hepatitis C Virus (HCV) Genotype 1a. Iranian Journal of Biotechnology, 2015, 13, 32-37.	0.3	10