

Mohammad Heiat

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

861
citations

516710

16
h-index

501196

28
g-index

42
all docs

42
docs citations

42
times ranked

1317
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial Peptides: Features, Action, and Their Resistance Mechanisms in Bacteria. <i>Microbial Drug Resistance</i> , 2018, 24, 747-767.	2.0	218
2	Crosstalk between chitosan and cell signaling pathways. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2697-2718.	5.4	44
3	Aptamers, the bivalent agents as probes and therapies for coronavirus infections: A systematic review. <i>Molecular and Cellular Probes</i> , 2020, 53, 101636.	2.1	43
4	Detection of <i>Pseudomonas aeruginosa</i> by a triplex polymerase chain reaction assay based on <i>lasI/R</i> and <i>gyrB</i> genes. <i>Journal of Infection and Public Health</i> , 2015, 8, 314-322.	4.1	40
5	Emerging coronaviruses: first SARS, second MERS and third SARS-CoV-2: epidemiological updates of COVID-19. <i>Infezioni in Medicina</i> , 2020, 28, 6-17.	1.1	39
6	Computational approach to analyze isolated ssDNA aptamers against angiotensin II. <i>Journal of Biotechnology</i> , 2016, 230, 34-39.	3.8	36
7	Essential strategies to optimize asymmetric PCR conditions as a reliable method to generate large amount of ssDNA aptamers. <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 541-548.	3.1	35
8	A case report of simultaneous autoimmune and COVID-19 encephalitis. <i>Journal of NeuroVirology</i> , 2021, 27, 504-506.	2.1	33
9	Frontier Therapeutics and Vaccine Strategies for SARS-CoV-2 (COVID-19): A Review. <i>Iranian Journal of Public Health</i> , 2020, 49, 18-29.	0.5	30
10	Classical and Modern Approaches Used for Viral Hepatitis Diagnosis. <i>Hepatitis Monthly</i> , 2014, 14, e17632.	0.2	28
11	Antibacterial activity of ethyl acetate and aqueous extracts of <i>Mentha longifolia</i> L. and hydroalcoholic extract of <i>Zataria multiflora</i> Boiss. plants against important human pathogens. <i>Asian Pacific Journal of Tropical Medicine</i> , 2014, 7, S186-S189.	0.8	25
12	An Integrated Data Analysis of mRNA, miRNA and Signaling Pathways in Pancreatic Cancer. <i>Biochemical Genetics</i> , 2021, 59, 1326-1358.	1.7	25
13	Should all patients with hypertension be worried about developing severe coronavirus disease 2019 (COVID-19)?. <i>Clinical Hypertension</i> , 2021, 27, 3.	2.0	24
14	Staggered Target SELEX, a novel approach to isolate non-cross-reactive aptamer for detection of SEA by apta-qPCR. <i>Journal of Biotechnology</i> , 2018, 286, 45-55.	3.8	23
15	Nanobodies, the potent agents to detect and treat the Coronavirus infections: A systematic review. <i>Molecular and Cellular Probes</i> , 2021, 55, 101692.	2.1	23
16	Outlook of therapeutic and diagnostic competency of nanobodies against SARS-CoV-2: A systematic review. <i>Analytical Biochemistry</i> , 2022, 640, 114546.	2.4	19
17	Predictors for the severe coronavirus disease 2019 (COVID-19) infection in patients with underlying liver disease: a retrospective analytical study in Iran. <i>Scientific Reports</i> , 2021, 11, 3066.	3.3	18
18	Integrative role of traditional and modern technologies to combat COVID-19. <i>Expert Review of Anti-Infective Therapy</i> , 2021, 19, 23-33.	4.4	16

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19	DT389-YP7, a Recombinant Immunotoxin against Glypican-3 That Inhibits Hepatocellular Cancer Cells: An In Vitro Study. <i>Toxins</i> , 2021, 13, 749.	3.4	16
20	Selection of a high-affinity and in vivo bioactive ssDNA aptamer against angiotensin II peptide. <i>Peptides</i> , 2016, 82, 101-108.	2.4	13
21	Manufacturing of a novel double-function ssDNA aptamer for sensitive diagnosis and efficient neutralization of SEA. <i>Analytical Biochemistry</i> , 2018, 548, 69-77.	2.4	13
22	Guillain-Barré syndrome associated with COVID-19: a case report study. <i>Journal of NeuroVirology</i> , 2021, 27, 802-805.	2.1	13
23	Epidemiology of COVID-19: An updated review. <i>Journal of Research in Medical Sciences</i> , 2021, 26, 82.	0.9	12
24	Immunotoxins Immunotherapy against Hepatocellular Carcinoma: A Promising Prospect. <i>Toxins</i> , 2021, 13, 719.	3.4	11
25	Neurological symptoms of COVID-19 infection; a cross-sectional study on hospitalized COVID-19 patients in Iran. <i>Clinical Neurology and Neurosurgery</i> , 2021, 210, 106985.	1.4	11
26	A novel circular RNA hsa_circ_0060927 may serve as a potential diagnostic biomarker for human colorectal cancer. <i>Molecular Biology Reports</i> , 2020, 47, 6649-6655.	2.3	9
27	Therapeutic effects of <i>Chlorella vulgaris</i> on carbon tetrachloride induced liver fibrosis by targeting Hippo signaling pathway and AMPK/FOXO1 axis. <i>Molecular Biology Reports</i> , 2021, 48, 117-126.	2.3	7
28	Changes in mitochondrial biogenesis and fatty liver indicators in rat following continuous and high intensity interval training. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021, 61, 1416-1422.	0.7	7
29	Molecular cloning and biologically active production of IpaD N-terminal region. <i>Biologicals</i> , 2013, 41, 269-274.	1.4	6
30	Dose-Response Effects of the CM11 as a Short Cationic Antimicrobial Peptide on Histopathological and Biochemical Changes in Mice. <i>Current Chemical Biology</i> , 2017, 11, .	0.5	5
31	Molecular genetic analysis of quinolone resistance-determining region of DNA Gyrase-A in fluoroquinolones resistant <i>Klebsiella pneumoniae</i> based on GenBank data and reported studies. <i>Molecular Genetics, Microbiology and Virology</i> , 2014, 29, 211-215.	0.3	4
32	Synthesis and characterization of phase shift dextran stabilized nanodroplets for ultrasound-induced cancer therapy: A novel nanobiotechnology approach. <i>Journal of Biotechnology</i> , 2022, 350, 17-23.	3.8	4
33	Genetic polymorphisms in DNA repair genes and hepatocellular carcinoma risk. <i>DNA Repair</i> , 2021, 107, 103196.	2.8	3
34	Characterization of pharmacological properties of isolated single-stranded DNA aptamers against angiotensin II. <i>Molecular and Cellular Probes</i> , 2016, 30, 238-245.	2.1	2
35	A challenging choice of aptamer for the selective enrichment of ochratoxin A. <i>Journal of Separation Science</i> , 2021, 44, 903-907.	2.5	2
36	Predictors of survival rate in patients with pancreatic cancer: A multicenter analytical study in Iran. <i>Cancer Reports</i> , 2022, 5, e1547.	1.4	2

#	ARTICLE	IF	CITATIONS
37	Expression of recombinant G-CSF receptor domains and their inhibitory role on G-CSF function. Research in Pharmaceutical Sciences, 2020, 15, 381.	1.8	1
38	The Frequency of Resistance Genes in Strains Isolated from Cattle. Iranian Journal of Public Health, 2020, 49, 968-974.	0.5	1
39	Diagnostic and therapeutic applications of peptide nucleic acid in medical microbiology. Minerva Biotechnology and Biomolecular Research, 2017, 29, .	0.5	0
40	Response to a fatal case of Guillain-Barré syndrome after infection with COVID-19. Journal of NeuroVirology, 0, , .	2.1	0