

Mirza S Baig

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

832
citations

516710

16
h-index

526287

27
g-index

34
all docs

34
docs citations

34
times ranked

1158
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor-derived exosomes in the regulation of macrophage polarization. <i>Inflammation Research</i> , 2020, 69, 435-451.	4.0	153
2	Matrix Metalloproteinases (MMPs) in Liver Diseases. <i>Journal of Clinical and Experimental Hepatology</i> , 2017, 7, 367-372.	0.9	83
3	Identification of a Potential Peptide Inhibitor of SARS-CoV-2 Targeting its Entry into the Host Cells. <i>Drugs in R and D</i> , 2020, 20, 161-169.	2.2	80
4	Dual targeting of 3CLpro and PLpro of SARS-CoV-2: A novel structure-based design approach to treat COVID-19. <i>Current Research in Structural Biology</i> , 2021, 3, 9-18.	2.2	46
5	Polypharmacology or Promiscuity? Structural Interactions of Resveratrol With Its Bandwagon of Targets. <i>Frontiers in Pharmacology</i> , 2018, 9, 1201.	3.5	35
6	TIRAP in the Mechanism of Inflammation. <i>Frontiers in Immunology</i> , 2021, 12, 697588.	4.8	34
7	Viral polymerase binding and broad-spectrum antiviral activity of molnupiravir against human seasonal coronaviruses. <i>Virology</i> , 2021, 564, 33-38.	2.4	34
8	Mitochondrial Mutations and Genetic Factors Determining NAFLD Risk. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4459.	4.1	30
9	Gender Differences in Atherosclerotic Vascular Disease: From Lipids to Clinical Outcomes. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 707889.	2.4	27
10	Proatherogenic Sialidases and Desialylated Lipoproteins: 35 Years of Research and Current State from Bench to Bedside. <i>Biomedicines</i> , 2021, 9, 600.	3.2	26
11	The Role of Mitochondrial Mutations and Chronic Inflammation in Diabetes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6733.	4.1	25
12	Macrophage neuronal nitric oxide synthase (NOS1) controls the inflammatory response and foam cell formation in atherosclerosis. <i>International Immunopharmacology</i> , 2020, 83, 106382.	3.8	23
13	Repurposing Thioridazine (TDZ) as an anti-inflammatory agent. <i>Scientific Reports</i> , 2018, 8, 12471.	3.3	22
14	Non-canonical role of matrix metalloprotease (MMP) in activation and migration of hepatic stellate cells (HSCs). <i>Life Sciences</i> , 2016, 155, 155-160.	4.3	21
15	A Novel Therapeutic Peptide Blocks SARS-CoV-2 Spike Protein Binding with Host Cell ACE2 Receptor. <i>Drugs in R and D</i> , 2021, 21, 273-283.	2.2	20
16	Inhibition of mitochondria ATP synthase suppresses prostate cancer growth through reduced insulin-like growth factor-1 secretion by prostate stromal cells. <i>International Journal of Cancer</i> , 2020, 146, 3474-3484.	5.1	18
17	Structure-Based Design of Novel Peptidomimetics Targeting the SARS-CoV-2 Spike Protein. <i>Cellular and Molecular Bioengineering</i> , 2021, 14, 177-185.	2.1	17
18	Comparative assessment of favipiravir and remdesivir against human coronavirus NL63 in molecular docking and cell culture models. <i>Scientific Reports</i> , 2021, 11, 23465.	3.3	17

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19	NOS1 mediates AP1 nuclear translocation and inflammatory response. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 839-847.	5.6	15
20	Heterotrimeric complex of p38 MAPK, PKC δ , and TIRAP is required for AP1 mediated inflammatory response. <i>International Immunopharmacology</i> , 2017, 48, 211-218.	3.8	12
21	In-Silico Design of a Novel Tridecapeptide Targeting Spike Protein of SARS-CoV-2 Variants of Concern. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, 28.	1.9	12
22	Inhibition of the TIRAP-c-Jun interaction as a therapeutic strategy for AP1-mediated inflammatory responses. <i>International Immunopharmacology</i> , 2019, 71, 188-197.	3.8	11
23	The expanding roles of neuronal nitric oxide synthase (NOS1). <i>PeerJ</i> , 0, 10, e13651.	2.0	11
24	Mitochondrial Lipid Homeostasis at the Crossroads of Liver and Heart Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6949.	4.1	10
25	Structural insights of resveratrol with its binding partners in the toll-like receptor 4 pathway. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 452-460.	2.6	9
26	NOS1-mediated macrophage and endothelial cell interaction in the progression of atherosclerosis. <i>Cell Biology International</i> , 2021, 45, 1191-1201.	3.0	9
27	TIRAP-mediated activation of p38 MAPK in inflammatory signaling. <i>Scientific Reports</i> , 2022, 12, 5601.	3.3	8
28	NOS1-derived nitric oxide facilitates macrophage uptake of low-density lipoprotein. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 11593-11603.	2.6	7
29	Matrix metalloproteinase-8 (MMP-8) regulates the activation of hepatic stellate cells (HSCs) through the ERK-mediated pathway. <i>Molecular and Cellular Biochemistry</i> , 2020, 467, 107-116.	3.1	4
30	Natural compounds as antiatherogenic agents. <i>Cellular and Molecular Biology</i> , 2021, 67, 177-188.	0.9	4
31	Scaffolding role of TcpB in disrupting TLR4-Mal interactions: Three to tango. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 3455-3458.	2.6	3
32	Differing pan-coronavirus antiviral potency of boceprevir and GC376 in vitro despite discordant molecular docking predictions. <i>Archives of Virology</i> , 2022, 167, 1125-1130.	2.1	3
33	Repurposing dyphylline as a pan-coronavirus antiviral therapy. <i>Future Medicinal Chemistry</i> , 2022, 14, 685-699.	2.3	3
34	Drug repositioning as an effective therapy for protease-activated receptor 2 inhibition. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 1522-1526.	2.6	0