Mirza S Baig

List of Publications by Year
in descending order

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	In-Silico Design of a Novel Tridecapeptide Targeting Spike Protein of SARS-CoV-2 Variants of Concern. International Journal of Peptide Research and Therapeutics, 2022, 28, 28.	1.9	12
2	Differing pan-coronavirus antiviral potency of boceprevir and GC376 in vitro despite discordant molecular docking predictions. Archives of Virology, 2022, 167, 1125-1130.	2.1	3
3	Repurposing dyphylline as a pan-coronavirus antiviral therapy. Future Medicinal Chemistry, 2022, 14, 685-699.	2.3	3
4	TIRAP-mediated activation of p38 MAPK in inflammatory signaling. Scientific Reports, 2022, 12, 5601.	3.3	8
5	Structure-Based Design of Novel Peptidomimetics Targeting the SARS-CoV-2 Spike Protein. Cellular and Molecular Bioengineering, 2021, 14, 177-185.	2.1	17
6	Dual targeting of 3CLpro and PLpro of SARS-CoV-2: A novel structure-based design approach to treat COVID-19. Current Research in Structural Biology, 2021, 3, 9-18.	2.2	46
7	Natural compounds as antiatherogenic agents. Cellular and Molecular Biology, 2021, 67, 177-188.	0.9	4
8	NOS1â€mediated macrophage and endothelial cell interaction in the progression of atherosclerosis. Cell Biology International, 2021, 45, 1191-1201.	3.0	9
9	Mitochondrial Mutations and Genetic Factors Determining NAFLD Risk. International Journal of Molecular Sciences, 2021, 22, 4459.	4.1	30
10	Proatherogenic Sialidases and Desialylated Lipoproteins: 35 Years of Research and Current State from Bench to Bedside. Biomedicines, 2021, 9, 600.	3.2	26
11	Gender Differences in Atherosclerotic Vascular Disease: From Lipids to Clinical Outcomes. Frontiers in Cardiovascular Medicine, 2021, 8, 707889.	2.4	27
12	The Role of Mitochondrial Mutations and Chronic Inflammation in Diabetes. International Journal of Molecular Sciences, 2021, 22, 6733.	4.1	25
13	Mitochondrial Lipid Homeostasis at the Crossroads of Liver and Heart Diseases. International Journal of Molecular Sciences, 2021, 22, 6949.	4.1	10
14	TIRAP in the Mechanism of Inflammation. Frontiers in Immunology, 2021, 12, 697588.	4.8	34
15	A Novel Therapeutic Peptide Blocks SARS-CoV-2 Spike Protein Binding with Host Cell ACE2 Receptor. Drugs in R and D, 2021, 21, 273-283.	2.2	20
16	Viral polymerase binding and broad-spectrum antiviral activity of molnupiravir against human seasonal coronaviruses. Virology, 2021, 564, 33-38.	2.4	34
17	Comparative assessment of favipiravir and remdesivir against human coronavirus NL63 in molecular docking and cell culture models. Scientific Reports, 2021, 11, 23465.	3.3	17
18	Inhibition of mitochondria ATP synthase suppresses prostate cancer growth through reduced insulinâ€like growth factorâ€1 secretion by prostate stromal cells. International Journal of Cancer, 2020, 146, 3474-3484.	5.1	18

#	Article	IF	Citations
19	Macrophage neuronal nitric oxide synthase (NOS1) controls the inflammatory response and foam cell formation in atherosclerosis. International Immunopharmacology, 2020, 83, 106382.	3.8	23
20	Tumor-derived exosomes in the regulation of macrophage polarization. Inflammation Research, 2020, 69, 435-451.	4.0	153
21	Identification of a Potential Peptide Inhibitor of SARS-CoV-2 Targeting its Entry into the Host Cells. Drugs in R and D, 2020, 20, 161-169.	2.2	80
22	Matrix metalloproteinase-8 (MMP-8) regulates the activation of hepatic stellate cells (HSCs) through the ERK-mediated pathway. Molecular and Cellular Biochemistry, 2020, 467, 107-116.	3.1	4
23	Inhibition of the TIRAP-c-Jun interaction as a therapeutic strategy for AP1-mediated inflammatory responses. International Immunopharmacology, 2019, 71, 188-197.	3.8	11
24	NOS1â€derived nitric oxide facilitates macrophage uptake of lowâ€density lipoprotein. Journal of Cellular Biochemistry, 2019, 120, 11593-11603.	2.6	7
25	Structural insights of resveratrol with its binding partners in the tollâ€like receptor 4 pathway. Journal of Cellular Biochemistry, 2019, 120, 452-460.	2.6	9
26	Drug repositioning as an effective therapy for proteaseâ€activated receptor 2 inhibition. Journal of Cellular Biochemistry, 2019, 120, 1522-1526.	2.6	0
27	Scaffolding role of TcpB in disrupting TLR4â€Mal interactions: Three to tango. Journal of Cellular Biochemistry, 2019, 120, 3455-3458.	2.6	3
28	NOS1 mediates AP1 nuclear translocation and inflammatory response. Biomedicine and Pharmacotherapy, 2018, 102, 839-847.	5.6	15
29	Polypharmacology or Promiscuity? Structural Interactions of Resveratrol With Its Bandwagon of Targets. Frontiers in Pharmacology, 2018, 9, 1201.	3.5	35
30	Repurposing Thioridazine (TDZ) as an anti-inflammatory agent. Scientific Reports, 2018, 8, 12471.	3.3	22
31	Heterotrimeric complex of p38 MAPK, PKCÎ´, and TIRAP is required for AP1 mediated inflammatory response. International Immunopharmacology, 2017, 48, 211-218.	3.8	12
32	Matrix Metalloproteinases (MMPs) in Liver Diseases. Journal of Clinical and Experimental Hepatology, 2017, 7, 367-372.	0.9	83
33	Non-canonical role of matrix metalloprotease (MMP) in activation and migration of hepatic stellate cells (HSCs). Life Sciences, 2016, 155, 155-160.	4.3	21
34	The expanding roles of neuronal nitric oxide synthase (NOS1). PeerJ, 0, 10, e13651.	2.0	11