Mobashar Hussain Urf Turabe Fazil

List of Publications by Year
in descending order

36 papers	1,027 citations	516215 16 h-index	433756 31 g-index
38 all docs	38 docs citations	38 times ranked	1903 citing authors

#	Article	IF	Citations
1	Bio-inspired in situ crosslinking and mineralization of electrospun collagen scaffolds for bone tissue engineering. Biomaterials, 2016, 104, 323-338.	5.7	166
2	Bio-inspired crosslinking and matrix-drug interactions for advanced wound dressings with long-term antimicrobial activity. Biomaterials, 2017, 138, 153-168.	5.7	165
3	Multifunctional Antimicrobial Nanofiber Dressings Containing Îµ-Polylysine for the Eradication of Bacterial Bioburden and Promotion of Wound Healing in Critically Colonized Wounds. ACS Applied Materials & Interfaces, 2020, 12, 15989-16005.	4.0	69
4	LFA-1/ICAM-1 Ligation in Human T Cells Promotes Th1 Polarization through a GSK3Î² Signalingâ€“Dependent Notch Pathway. Journal of Immunology, 2016, 197, 108-118.	0.4	64
5	Phosphorylation of Rab5a Protein by Protein Kinase CÏµ Is Crucial for T-cell Migration. Journal of Biological Chemistry, 2014, 289, 19420-19434.	1.6	59
6	Antimicrobial Activity and Cell Selectivity of Synthetic and Biosynthetic Cationic Polymers. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	51
7	GapmeR cellular internalization by macropinocytosis induces sequence-specific gene silencing in human primary T-cells. Scientific Reports, 2016, 6, 37721.	1.6	49
8	Profiling Activity of Cellular Kinases in Migrating T-Cells. Methods in Molecular Biology, 2019, 1930, 99-113.	0.4	42
9	Insight into membrane selectivity of linear and branched polyethylenimines and their potential as biocides for advanced wound dressings. Acta Biomaterialia, 2016, 37, 155-164.	4.1	37
10	Green synthesis, characterization and antibacterial evaluation of electrospun nickel oxide nanofibers. Materials Letters, 2019, 256, 126616.	1.3	34
11	Bacterialâ€induced expression of RAB18 protein in Orzya sativa salinity stress and insights into molecular interaction with GTP ligand. Journal of Molecular Recognition, 2014, 27, 521-527.	1.1	32
12	Latent Oxidative Polymerization of Catecholamines as Potential Cross-linkers for Biocompatible and Multifunctional Biopolymer Scaffolds. ACS Applied Materials & Interfaces, 2016, 8, 32266-32281.	4.0	29
13	Binding efficiencies of carbohydrate ligands with different genotypes of cholera toxin B: molecular modeling, dynamics and docking simulation studies. Journal of Molecular Modeling, 2012, 18, 1-10.	0.8	28
14	Comparative structural analysis of two proteins belonging to quorum sensing system inVibrio cholerae. Journal of Biomolecular Structure and Dynamics, 2012, 30, 574-584.	2.0	24
15	Rational Substitution of Îµ-Lysine for Î±-Lysine Enhances the Cell and Membrane Selectivity of Pore-Forming Melittin. Journal of Medicinal Chemistry, 2020, 63, 3522-3537.	2.9	24
16	Centrosome- and Golgi-Localized Protein Kinase N-Associated Protein Serves As a Docking Platform for Protein Kinase A Signaling and Microtubule Nucleation in Migrating T-Cells. Frontiers in Immunology, 2018, 9, 397.	2.2	22
17	Vibrio choleraeinfection, novel drug targets and phage therapy. Future Microbiology, 2011, 6, 1199-1208.	1.0	19
18	Isolation of Human Peripheral Blood T-Lymphocytes. Methods in Molecular Biology, 2019, 1930, 11-17.	0.4	18

#	Article	IF	Citations
19	Antifungal properties of lecithin- and terbinafine-loaded electrospun poly(Îµ-caprolactone) nanofibres. RSC Advances, 2016, 6, 41130-41141.	1.7	15
20	Characterization of Vibrio cholerae O139 belonging to multiple ribotypes and isolated from diarrhoeal patients in Kerala, southern India. Infection, Genetics and Evolution, 2011, 11, 454-459.	1.0	12
21	Vibrio cholerae O1 biotype El Tor strains isolated in 1992 from Varanasi, India harboured El Tor CTXÎ¦ and classical ctxB on the chromosome-I and classical CTXÎ¦ and classical ctxB on the chromosome-II. Environmental Microbiology Reports, 2011, 3, 783-790.	1.0	8
22	Protective Action of Linear Polyethylenimine against Staphylococcus aureus Colonization and Exaggerated Inflammation in Vitro and in Vivo. ACS Infectious Diseases, 2019, 5, 1411-1422.	1.8	8
23	Homology modelling of a sensor histidine kinase from Aeromonas hydrophila. Journal of Molecular Modeling, 2010, 16, 1003-1009.	0.8	7
24	A C-terminal peptide of TFPI-1 facilitates cytosolic delivery of nucleic acid cargo into mammalian cells. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183093.	1.4	6
25	In-silico and in-vitro investigation of STAT3-PIM1 heterodimeric complex: Its mechanism and inhibition by curcumin for cancer therapeutics. International Journal of Biological Macromolecules, 2022, 208, 356-366.	3.6	6
26	Combination Therapy Using Inhalable GapmeR and Recombinant ACE2 for COVID-19. Frontiers in Molecular Biosciences, 2020, 7, 197.	1.6	5
27	The steroidal lactone withaferin A impedes T-cell motility byÂinhibiting the kinase ZAP70 and subsequent kinome signaling. Journal of Biological Chemistry, 2021, 297, 101377.	1.6	5
28	GSK3Î² Interacts With CRMP2 and Notch1 and Controls T-Cell Motility. Frontiers in Immunology, 2021, 12, 680071.	2.2	5
29	Computational Analysis of Proteinâ€“Protein Interactions in Motile T-Cells. Methods in Molecular Biology, 2019, 1930, 149-156.	0.4	3
30	SnAP reagents for the synthesis of selenomorpholines and 1,4-selenazepanes and their biological evaluation. Chemical Communications, 2020, 56, 1780-1783.	2.2	3
31	A Laboratory Model to Study T-Cell Motility. Methods in Molecular Biology, 2019, 1930, 19-23.	0.4	2
32	GapmeR-Mediated Gene Silencing in Motile T-Cells. Methods in Molecular Biology, 2019, 1930, 67-73.	0.4	1
33	Utilization of NGS and Proteomic-Based Approaches to Gain Insights on Cellular Responses to Singlet Oxygen and Improve Energy Yields for Bacterial Stress Adaptation. , 2015, , 79-99.		0
34	Molecular Modeling and Drug Design: A Contemporary Analysis in Vibrio cholerae. , 2018, , 107-119.		0
35	A Protocol to Study T-Cell Signaling in an Immune Synapse by Microscopy. Methods in Molecular Biology, 2019, 1930, 123-128.	0.4	0
36	Targeted Gene Silencing in Malignant Hematolymphoid Cells Using GapmeR. Methods in Molecular Biology, 2020, 2176, 209-219.	0.4	0