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List of Publications by Year in descending order

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36
papers

1,027
citations

516215

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433756

31
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all docs

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docs citations

38
times ranked

1903
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	The steroidal lactone withaferin A impedes T-cell motility by inhibiting the kinase ZAP70 and subsequent kinome signaling. Journal of Biological Chemistry, 2021, 297, 101377.	1.6	5
3	GSK3 β Interacts With CRMP2 and Notch1 and Controls T-Cell Motility. Frontiers in Immunology, 2021, 12, 680071.	2.2	5
4	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
5	SnAP reagents for the synthesis of selenomorpholines and 1,4-selenazepanes and their biological evaluation. Chemical Communications, 2020, 56, 1780-1783.	2.2	3
6	Combination Therapy Using Inhalable GapmeR and Recombinant ACE2 for COVID-19. Frontiers in Molecular Biosciences, 2020, 7, 197.	1.6	5
7	Rational Substitution of ϵ -Lysine for δ -Lysine Enhances the Cell and Membrane Selectivity of Pore-Forming Melittin. Journal of Medicinal Chemistry, 2020, 63, 3522-3537.	2.9	24
8	Multifunctional Antimicrobial Nanofiber Dressings Containing ϵ -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
9	Targeted Gene Silencing in Malignant Hematolymphoid Cells Using GapmeR. Methods in Molecular Biology, 2020, 2176, 209-219.	0.4	0
10	Green synthesis, characterization and antibacterial evaluation of electrospun nickel oxide nanofibers. Materials Letters, 2019, 256, 126616.	1.3	34
11	Protective Action of Linear Polyethylenimine against <i>Staphylococcus aureus</i> Colonization and Exaggerated Inflammation <i>in Vitro</i> and <i>in Vivo</i> . ACS Infectious Diseases, 2019, 5, 1411-1422.	1.8	8
12	Isolation of Human Peripheral Blood T-Lymphocytes. Methods in Molecular Biology, 2019, 1930, 11-17.	0.4	18
13	GapmeR-Mediated Gene Silencing in Motile T-Cells. Methods in Molecular Biology, 2019, 1930, 67-73.	0.4	1
14	A Protocol to Study T-Cell Signaling in an Immune Synapse by Microscopy. Methods in Molecular Biology, 2019, 1930, 123-128.	0.4	0
15	Computational Analysis of Protein-Protein Interactions in Motile T-Cells. Methods in Molecular Biology, 2019, 1930, 149-156.	0.4	3
16	Profiling Activity of Cellular Kinases in Migrating T-Cells. Methods in Molecular Biology, 2019, 1930, 99-113.	0.4	42
17	A Laboratory Model to Study T-Cell Motility. Methods in Molecular Biology, 2019, 1930, 19-23.	0.4	2
18	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

#	ARTICLE	IF	CITATIONS
19	Molecular Modeling and Drug Design: A Contemporary Analysis in <i>Vibrio cholerae</i> . , 2018, , 107-119.		0
20	Bio-inspired crosslinking and matrix-drug interactions for advanced wound dressings with long-term antimicrobial activity. <i>Biomaterials</i> , 2017, 138, 153-168.	5.7	165
21	Antimicrobial Activity and Cell Selectivity of Synthetic and Biosynthetic Cationic Polymers. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	51
22	Insight into membrane selectivity of linear and branched polyethylenimines and their potential as biocides for advanced wound dressings. <i>Acta Biomaterialia</i> , 2016, 37, 155-164.	4.1	37
23	LFA-1/ICAM-1 Ligation in Human T Cells Promotes Th1 Polarization through a GSK3 β Signaling-Dependent Notch Pathway. <i>Journal of Immunology</i> , 2016, 197, 108-118.	0.4	64
24	Antifungal properties of lecithin- and terbinafine-loaded electrospun poly(μ -caprolactone) nanofibres. <i>RSC Advances</i> , 2016, 6, 41130-41141.	1.7	15
25	GapmeR cellular internalization by macropinocytosis induces sequence-specific gene silencing in human primary T-cells. <i>Scientific Reports</i> , 2016, 6, 37721.	1.6	49
26	Bio-inspired in situ crosslinking and mineralization of electrospun collagen scaffolds for bone tissue engineering. <i>Biomaterials</i> , 2016, 104, 323-338.	5.7	166
27	Latent Oxidative Polymerization of Catecholamines as Potential Cross-linkers for Biocompatible and Multifunctional Biopolymer Scaffolds. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32266-32281.	4.0	29
28	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
29	Phosphorylation of Rab5a Protein by Protein Kinase C μ Is Crucial for T-cell Migration. <i>Journal of Biological Chemistry</i> , 2014, 289, 19420-19434.	1.6	59
30	Bacterial-induced expression of <i>RAB18</i> protein in <i>Orzya sativa</i> salinity stress and insights into molecular interaction with <i>GTP</i> ligand. <i>Journal of Molecular Recognition</i> , 2014, 27, 521-527.	1.1	32
31	Comparative structural analysis of two proteins belonging to quorum sensing system in <i>Vibrio cholerae</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2012, 30, 574-584.	2.0	24
32	Binding efficiencies of carbohydrate ligands with different genotypes of cholera toxin B: molecular modeling, dynamics and docking simulation studies. <i>Journal of Molecular Modeling</i> , 2012, 18, 1-10.	0.8	28
33	<i>Vibrio cholerae</i> O1 biotype El Tor strains isolated in 1992 from Varanasi, India harboured El Tor CTX β_1 and classical <i>ctxB</i> on the chromosome-I and classical CTX β_1 and classical <i>ctxB</i> on the chromosome-II. <i>Environmental Microbiology Reports</i> , 2011, 3, 783-790.	1.0	8
34	Characterization of <i>Vibrio cholerae</i> O139 belonging to multiple ribotypes and isolated from diarrhoeal patients in Kerala, southern India. <i>Infection, Genetics and Evolution</i> , 2011, 11, 454-459.	1.0	12
35	<i>Vibrio cholerae</i> infection, novel drug targets and phage therapy. <i>Future Microbiology</i> , 2011, 6, 1199-1208.	1.0	19
36	Homology modelling of a sensor histidine kinase from <i>Aeromonas hydrophila</i> . <i>Journal of Molecular Modeling</i> , 2010, 16, 1003-1009.	0.8	7