Oscar Conchillo-SolÃ©

List of Publications by Year
in descending order

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Version: 2024-02-01

28	1,572	566801 15	500791 28
papers	citations	h-index	g-index

33	33	33	2204
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	AGGRESCAN: a server for the prediction and evaluation of "hot spots" of aggregation in polypeptides. BMC Bioinformatics, 2007, 8, 65.	1.2	845
2	In Vivo Architectonic Stability of Fully de Novo Designed Protein-Only Nanoparticles. ACS Nano, 2014, 8, 4166-4176.	7.3	89
3	The phylogenetic landscape and nosocomial spread of the multidrug-resistant opportunist Stenotrophomonas maltophilia. Nature Communications, 2020, 11, 2044.	5.8	76
4	PrionW: a server to identify proteins containing glutamine/asparagine rich prion-like domains and their amyloid cores. Nucleic Acids Research, 2015, 43, W331-W337.	6.5	74
5	Bottomâ€Up Instructive Quality Control in the Biofabrication of Smart Protein Materials. Advanced Materials, 2015, 27, 7816-7822.	11.1	61
6	Exploiting the Burkholderia pseudomallei Acute Phase Antigen BPSL2765 for Structure-Based Epitope Discovery/Design in Structural Vaccinology. Chemistry and Biology, 2013, 20, 1147-1156.	6.2	50
7	A Structure-Based Strategy for Epitope Discovery in Burkholderia pseudomallei OppA Antigen. Structure, 2013, 21, 167-175.	1.6	49
8	Assembly of histidine-rich protein materials controlled through divalent cations. Acta Biomaterialia, 2019, 83, 257-264.	4.1	49
9	From crystal structure to inÂsilico epitope discovery in the BurkholderiaÂpseudomallei flagellar hookâ€associated protein FlgK. FEBS Journal, 2015, 282, 1319-1333.	2.2	42
10	Sheltering DNA in self-organizing, protein-only nano-shells as artificial viruses for gene delivery. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 535-541.	1.7	27
11	AMYCO: evaluation of mutational impact on prion-like proteins aggregation propensity. BMC Bioinformatics, 2019, 20, 24.	1.2	24
12	Genetic Variants of the DSF Quorum Sensing System in Stenotrophomonas maltophilia Influence Virulence and Resistance Phenotypes Among Genotypically Diverse Clinical Isolates. Frontiers in Microbiology, 2020, 11, 1160.	1.5	22
13	Proteomic analysis of outer membrane proteins and vesicles of a clinical isolate and a collection strain of Stenotrophomonas maltophilia. Journal of Proteomics, 2016, 142, 122-129.	1.2	17
14	RGD-based cell ligands for cell-targeted drug delivery act as potent trophic factors. Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 1263-1266.	1.7	16
15	Conformational and functional variants of CD44-targeted protein nanoparticles bio-produced in bacteria. Biofabrication, 2016, 8, 025001.	3.7	15
16	The Pseudomonas aeruginosa substrate-binding protein Ttg2D functions as a general glycerophospholipid transporter across the periplasm. Communications Biology, 2021, 4, 448.	2.0	15
17	Self-assembling as regular nanoparticles dramatically minimizes photobleaching of tumour-targeted GFP. Acta Biomaterialia, 2020, 103, 272-280.	4.1	13
18	Structure-Based Design of a B Cell Antigen from B. pseudomallei. ACS Chemical Biology, 2015, 10, 803-812.	1.6	12

#	Article	IF	Citations
19	The fusogenic peptide HA2 impairs selectivity of CXCR4-targeted protein nanoparticles. Chemical Communications, 2017, 53, 4565-4568.	2.2	12
20	BPSL1626: Reverse and Structural Vaccinology Reveal a Novel Candidate for Vaccine Design Against Burkholderia pseudomallei. Antibodies, 2018, 7, 26.	1.2	11
21	Aggregation-prone peptides modulate activity of bovine interferon gamma released from naturally occurring protein nanoparticles. New Biotechnology, 2020, 57, 11-19.	2.4	11
22	Recombinant Protein-Based Nanoparticles: Elucidating Their Inflammatory Effects In Vivo and Their Potential as a New Therapeutic Format. Pharmaceutics, 2020, 12, 450.	2.0	9
23	Rational engineering of a human GFP-like protein scaffold for humanized targeted nanomedicines. Acta Biomaterialia, 2021, 130, 211-222.	4.1	8
24	Antigen Discovery in Bacterial Panproteomes. Methods in Molecular Biology, 2021, 2183, 43-62.	0.4	6
25	Draft Genome Sequence of Stenotrophomonas maltophilia Strain UV74 Reveals Extensive Variability within Its Genomic Group. Genome Announcements, 2015, 3, .	0.8	5
26	Antibacterial Activity of T22, a Specific Peptidic Ligand of the Tumoral Marker CXCR4. Pharmaceutics, 2021, 13, 1922.	2.0	5
27	Draft Genome Sequence of Stenotrophomonas maltophilia Strain M30, Isolated from a Chronic Pressure Ulcer in an Elderly Patient. Genome Announcements, 2014, 2, .	0.8	4
28	Redefining the PF06864 Pfam Family Based on Burkholderia pseudomallei PilO2Bp S-SAD Crystal Structure. PLoS ONE, 2014, 9, e94981.	1.1	4