

# Oscar Conchillo-SolÃ©

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9224000/publications.pdf>

Version: 2024-02-01

28  
papers

1,572  
citations

566801

15  
h-index

500791

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2204  
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Pseudomonas aeruginosa</i> substrate-binding protein Ttg2D functions as a general glycerophospholipid transporter across the periplasm. <i>Communications Biology</i> , 2021, 4, 448.	2.0	15
2	Rational engineering of a human GFP-like protein scaffold for humanized targeted nanomedicines. <i>Acta Biomaterialia</i> , 2021, 130, 211-222.	4.1	8
3	Antigen Discovery in Bacterial Panproteomes. <i>Methods in Molecular Biology</i> , 2021, 2183, 43-62.	0.4	6
4	Antibacterial Activity of T22, a Specific Peptidic Ligand of the Tumoral Marker CXCR4. <i>Pharmaceutics</i> , 2021, 13, 1922.	2.0	5
5	Self-assembling as regular nanoparticles dramatically minimizes photobleaching of tumour-targeted GFP. <i>Acta Biomaterialia</i> , 2020, 103, 272-280.	4.1	13
6	Aggregation-prone peptides modulate activity of bovine interferon gamma released from naturally occurring protein nanoparticles. <i>New Biotechnology</i> , 2020, 57, 11-19.	2.4	11
7	Recombinant Protein-Based Nanoparticles: Elucidating Their Inflammatory Effects In Vivo and Their Potential as a New Therapeutic Format. <i>Pharmaceutics</i> , 2020, 12, 450.	2.0	9
8	Genetic Variants of the DSF Quorum Sensing System in <i>Stenotrophomonas maltophilia</i> Influence Virulence and Resistance Phenotypes Among Genotypically Diverse Clinical Isolates. <i>Frontiers in Microbiology</i> , 2020, 11, 1160.	1.5	22
9	The phylogenetic landscape and nosocomial spread of the multidrug-resistant opportunist <i>Stenotrophomonas maltophilia</i> . <i>Nature Communications</i> , 2020, 11, 2044.	5.8	76
10	AMYCO: evaluation of mutational impact on prion-like proteins aggregation propensity. <i>BMC Bioinformatics</i> , 2019, 20, 24.	1.2	24
11	Assembly of histidine-rich protein materials controlled through divalent cations. <i>Acta Biomaterialia</i> , 2019, 83, 257-264.	4.1	49
12	BPSL1626: Reverse and Structural Vaccinology Reveal a Novel Candidate for Vaccine Design Against <i>Burkholderia pseudomallei</i> . <i>Antibodies</i> , 2018, 7, 26.	1.2	11
13	The fusogenic peptide HA2 impairs selectivity of CXCR4-targeted protein nanoparticles. <i>Chemical Communications</i> , 2017, 53, 4565-4568.	2.2	12
14	Conformational and functional variants of CD44-targeted protein nanoparticles bio-produced in bacteria. <i>Biofabrication</i> , 2016, 8, 025001.	3.7	15
15	Proteomic analysis of outer membrane proteins and vesicles of a clinical isolate and a collection strain of <i>Stenotrophomonas maltophilia</i> . <i>Journal of Proteomics</i> , 2016, 142, 122-129.	1.2	17
16	Bottom-up Instructive Quality Control in the Biofabrication of Smart Protein Materials. <i>Advanced Materials</i> , 2015, 27, 7816-7822.	11.1	61
17	Draft Genome Sequence of <i>Stenotrophomonas maltophilia</i> Strain UV74 Reveals Extensive Variability within Its Genomic Group. <i>Genome Announcements</i> , 2015, 3, .	0.8	5
18	PrionW: a server to identify proteins containing glutamine/asparagine rich prion-like domains and their amyloid cores. <i>Nucleic Acids Research</i> , 2015, 43, W331-W337.	6.5	74

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19	From crystal structure to <i>in silico</i> epitope discovery in the <i>Burkholderia pseudomallei</i> flagellar hook-associated protein FlgK. FEBS Journal, 2015, 282, 1319-1333.	2.2	42
20	Structure-Based Design of a B Cell Antigen from <i>B. pseudomallei</i> . ACS Chemical Biology, 2015, 10, 803-812.	1.6	12
21	Draft Genome Sequence of <i>Stenotrophomonas maltophilia</i> Strain M30, Isolated from a Chronic Pressure Ulcer in an Elderly Patient. Genome Announcements, 2014, 2, .	0.8	4
22	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
23	<i>In Vivo</i> Architectonic Stability of Fully <i>de Novo</i> Designed Protein-Only Nanoparticles. ACS Nano, 2014, 8, 4166-4176.	7.3	89
24	Redefining the PF06864 Pfam Family Based on <i>Burkholderia pseudomallei</i> PilO2Bp S-SAD Crystal Structure. PLoS ONE, 2014, 9, e94981.	1.1	4
25	Exploiting the <i>Burkholderia pseudomallei</i> Acute Phase Antigen BPSL2765 for Structure-Based Epitope Discovery/Design in Structural Vaccinology. Chemistry and Biology, 2013, 20, 1147-1156.	6.2	50
26	A Structure-Based Strategy for Epitope Discovery in <i>Burkholderia pseudomallei</i> OppA Antigen. Structure, 2013, 21, 167-175.	1.6	49
27	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
28	AGGRESCAN: a server for the prediction and evaluation of "hot spots" of aggregation in polypeptides. BMC Bioinformatics, 2007, 8, 65.	1.2	845