

Alessandro Angelini

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,947
citations

279798

23
h-index

265206

42
g-index

44
all docs

44
docs citations

44
times ranked

3170
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis for chemokine recognition and activation of a viral G protein-coupled receptor. <i>Science</i> , 2015, 347, 1113-1117.	12.6	261
2	Restricted Clonality and Limited Germinal Center Reentry Characterize Memory B Cell Reactivation by Boosting. <i>Cell</i> , 2020, 180, 92-106.e11.	28.9	220
3	Synergistic Innate and Adaptive Immune Response to Combination Immunotherapy with Anti-Tumor Antigen Antibodies and Extended Serum Half-Life IL-2. <i>Cancer Cell</i> , 2015, 27, 489-501.	16.8	158
4	Bicyclic Peptide Inhibitor Reveals Large Contact Interface with a Protease Target. <i>ACS Chemical Biology</i> , 2012, 7, 817-821.	3.4	156
5	Peptide Ligands Stabilized by Small Molecules. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1602-1606.	13.8	103
6	Non-covalent albumin-binding ligands for extending the circulating half-life of small biotherapeutics. <i>MedChemComm</i> , 2019, 10, 1068-1081.	3.4	101
7	Protein Engineering and Selection Using Yeast Surface Display. <i>Methods in Molecular Biology</i> , 2015, 1319, 3-36.	0.9	83
8	Structurally Diverse Cyclisation Linkers Impose Different Backbone Conformations in Bicyclic Peptides. <i>ChemBioChem</i> , 2012, 13, 1032-1038.	2.6	81
9	Boosting the Sensitivity of Ligand-Protein Screening by NMR of Long-Lived States. <i>Journal of the American Chemical Society</i> , 2012, 134, 11076-11079.	13.7	75
10	Bicyclization and Tethering to Albumin Yields Long-Acting Peptide Antagonists. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10187-10197.	6.4	47
11	Phage display libraries of differently sized bicyclic peptides. <i>MedChemComm</i> , 2013, 4, 145-150.	3.4	42
12	Integrin-targeted cancer immunotherapy elicits protective adaptive immune responses. <i>Journal of Experimental Medicine</i> , 2017, 214, 1679-1690.	8.5	41
13	Expression of <i>Helicobacter pylori</i> CagA domains by library-based construct screening. <i>FEBS Journal</i> , 2009, 276, 816-824.	4.7	33
14	The <i>Helicobacter pylori</i> CagD (HP0545, Cag24) Protein Is Essential for CagA Translocation and Maximal Induction of Interleukin-8 Secretion. <i>Journal of Molecular Biology</i> , 2009, 386, 204-217.	4.2	33
15	(INVITED) Nanocoated fiber label-free biosensing for perfluorooctanoic acid detection by lossy mode resonance. <i>Results in Optics</i> , 2021, 5, 100123.	2.0	33
16	Molecular evolution of peptides by yeast surface display technology. <i>MedChemComm</i> , 2019, 10, 1569-1580.	3.4	32
17	Structural and enzymatic characterization of HP0496, a YbgC thioesterase from <i>Helicobacter pylori</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 72, 1212-1221.	2.6	30
18	Thiol-to-amine cyclization reaction enables screening of large libraries of macrocyclic compounds and the generation of sub-kilodalton ligands. <i>Science Advances</i> , 2019, 5, eaaw2851.	10.3	30

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19	Enzymatic Cyclisation of Peptides with a Transglutaminase. <i>ChemBioChem</i> , 2011, 12, 38-42.	2.6	29
20	Post-translational modification of genetically encoded polypeptide libraries. <i>Current Opinion in Chemical Biology</i> , 2011, 15, 355-361.	6.1	28
21	Chemical Macrocyclization of Peptides Fused to Antibody Fc Fragments. <i>Bioconjugate Chemistry</i> , 2012, 23, 1856-1863.	3.6	27
22	Bicyclic Peptides Conjugated to an Albumin-Binding Tag Diffuse Efficiently into Solid Tumors. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 151-161.	4.1	25
23	Directed evolution of broadly crossreactive chemokine-blocking antibodies efficacious in arthritis. <i>Nature Communications</i> , 2018, 9, 1461.	12.8	25
24	Unveiling the binding mode of perfluorooctanoic acid to human serum albumin. <i>Protein Science</i> , 2021, 30, 830-841.	7.6	25
25	Triggering Positive Selection of Germinal Center B Cells by Antigen Targeting to DEC-205. <i>Methods in Molecular Biology</i> , 2015, 1291, 125-134.	0.9	25
26	Crystal Structure of CagZ, a Protein from the <i>Helicobacter pylori</i> Pathogenicity Island that Encodes for a Type IV Secretion System. <i>Journal of Molecular Biology</i> , 2004, 340, 881-889.	4.2	21
27	Single cells from human primary colorectal tumors exhibit polyfunctional heterogeneity in secretions of ELR+ CXC chemokines. <i>Integrative Biology (United Kingdom)</i> , 2013, 5, 1272.	1.3	20
28	Actinomyces and MRONJ: A retrospective study and a literature review. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2021, 122, 499-504.	1.3	17
29	Covalent immobilization of delipidated human serum albumin on poly(pyrrole-2-carboxylic) acid film for the impedimetric detection of perfluorooctanoic acid. <i>Bioelectrochemistry</i> , 2020, 134, 107540.	4.6	16
30	Peptide-Based Inhibitors of ADAM and ADAMTS Metalloproteinases. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 703715.	3.5	15
31	Molecular analysis and therapeutic applications of human serum albumin-fatty acid interactions. <i>Journal of Controlled Release</i> , 2022, 348, 115-126.	9.9	15
32	Synthesis and direct assay of large macrocycle diversities by combinatorial late-stage modification at picomole scale. <i>Nature Communications</i> , 2022, 13, .	12.8	14
33	Structural and mutational analysis of TenA protein (HP1287) from the <i>Helicobacter pylori</i> thiamin salvage pathway – evidence of a different substrate specificity. <i>FEBS Journal</i> , 2009, 276, 6227-6235.	4.7	12
34	Macrocycle synthesis strategy based on step-wise “adding and reacting” three components enables screening of large combinatorial libraries. <i>Chemical Science</i> , 2020, 11, 7858-7863.	7.4	12
35	The crystal structure of CagS from the <i>Helicobacter pylori</i> pathogenicity island. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007, 69, 440-443.	2.6	10
36	Structural Analysis of Human Serum Albumin in Complex with the Fibrate Drug Gemfibrozil. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1769.	4.1	7

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37	Native mass spectrometry for the design and selection of protein bioreceptors for perfluorinated compounds. <i>Analyst, The</i> , 2021, 146, 2065-2073.	3.5	6
38	Bicyclic peptide-based assay for uPA cancer biomarker. <i>Biosensors and Bioelectronics</i> , 2022, 213, 114477.	10.1	6
39	Measuring net protease activities in biological samples using selective peptidic inhibitors. <i>Analytical Biochemistry</i> , 2012, 427, 18-20.	2.4	5
40	Structural biology of <i>Helicobacter pylori</i> type IV secretion system. <i>Microbial Cell Factories</i> , 2006, 5, P45.	4.0	1
41	Guidelines, Strategies, and Principles for the Directed Evolution of Cross-Reactive Antibodies Using Yeast Surface Display Technology. <i>Methods in Molecular Biology</i> , 2022, 2491, 251-262.	0.9	1
42	Structural proteomics of proteins coded by thecagPAI of <i>Helicobacter pylori</i> . <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2005, 61, c258-c258.	0.3	0