

Stefano Capaldi

List of Publications by Year in descending order

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42
papers

1,504
citations

331670

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315739

38
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42
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42
docs citations

42
times ranked

2283
citing authors

#	ARTICLE	IF	CITATIONS
1	Ubiquitination of Alzheimer's-related tau protein affects liquid-liquid phase separation in a site- and cofactor-dependent manner. <i>International Journal of Biological Macromolecules</i> , 2022, 201, 173-181.	7.5	16
2	Structural Basis for Chaperone-Independent Ubiquitination of Tau Protein by Its E3 Ligase CHIP. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	9
3	Molecular mechanisms of light harvesting in the minor antenna CP29 in near-native membrane lipidic environment. <i>Journal of Chemical Physics</i> , 2022, 156, .	3.0	7
4	Camouflaged Fluorescent Silica Nanoparticles Target Aggregates and Condensates of the Amyloidogenic Protein Tau. <i>Bioconjugate Chemistry</i> , 2022, 33, 1261-1268.	3.6	4
5	Alpha-synuclein seeds in olfactory mucosa and cerebrospinal fluid of patients with dementia with Lewy bodies. <i>Brain Communications</i> , 2021, 3, fcab045.	3.3	37
6	Alpha-synuclein seeds in olfactory mucosa of patients with isolated REM sleep behaviour disorder. <i>Brain</i> , 2021, 144, 1118-1126.	7.6	92
7	Semisynthetic and Enzyme-Mediated Conjugate Preparations Illuminate the Ubiquitination-Dependent Aggregation of Tau Protein. <i>Angewandte Chemie</i> , 2020, 132, 6669-6673.	2.0	2
8	Structure and properties of the oyster mushroom (<i>Pleurotus ostreatus</i>) lectin. <i>Glycobiology</i> , 2020, 30, 550-562.	2.5	11
9	High Diagnostic Accuracy of RT-QuIC Assay in a Prospective Study of Patients with Suspected sCJD. <i>International Journal of Molecular Sciences</i> , 2020, 21, 880.	4.1	38
10	Semisynthetic and Enzyme-Mediated Conjugate Preparations Illuminate the Ubiquitination-Dependent Aggregation of Tau Protein. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6607-6611.	13.8	24
11	±-Synuclein RT-QuIC assay in cerebrospinal fluid of patients with dementia with Lewy bodies. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2120-2126.	3.7	87
12	Surface Plasmon Resonance as a Tool for Ligand Binding Investigation of Engineered GPR17 Receptor, a G Protein Coupled Receptor Involved in Myelination. <i>Frontiers in Chemistry</i> , 2019, 7, 910.	3.6	24
13	Allosteric sodium binding cavity in GPR3: a novel player in modulation of A ¹² production. <i>Scientific Reports</i> , 2018, 8, 11102.	3.3	13
14	Pathophysiological Consequences of Neuronal ±-Synuclein Overexpression: Impacts on Ion Homeostasis, Stress Signaling, Mitochondrial Integrity, and Electrical Activity. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 49.	2.9	22
15	Diagnosis of Human Prion Disease Using Real-Time Quaking-Induced Conversion Testing of Olfactory Mucosa and Cerebrospinal Fluid Samples. <i>JAMA Neurology</i> , 2017, 74, 155.	9.0	176
16	The long variant of human ileal bile acid-binding protein associated with colorectal cancer exhibits sub-cellular localization and lipid binding behaviour distinct from those of the common isoform. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 2315-2324.	2.4	6
17	Structure of eukaryotic purine/H ⁺ symporter UapA suggests a role for homodimerization in transport activity. <i>Nature Communications</i> , 2016, 7, 11336.	12.8	108
18	Electron transfer between carotenoid and chlorophyll contributes to quenching in the LHCSR1 protein from <i>Physcomitrella patens</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1870-1878.	1.0	51

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19	A class of rigid linker-bearing glucosides for membrane protein structural study. <i>Chemical Science</i> , 2016, 7, 1933-1939.	7.4	39
20	Three-dimensional structure and ligand-binding site of carp fiselectin (FEL). <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 1123-1135.	2.5	11
21	Heterologous Expression of Moss Light-harvesting Complex Stress-related 1 (LHCSR1), the Chlorophyll a-Xanthophyll Pigment-protein Complex Catalyzing Non-photochemical Quenching, in <i>Nicotiana sp.</i> <i>Journal of Biological Chemistry</i> , 2015, 290, 24340-24354.	3.4	26
22	Comparative Evaluation of Recombinant Protein Production in Different Biofactories: The Green Perspective. <i>BioMed Research International</i> , 2014, 2014, 1-14.	1.9	97
23	Comparative analysis of different biofactories for the production of a major diabetes autoantigen. <i>Transgenic Research</i> , 2014, 23, 281-291.	2.4	19
24	High-resolution structures of mutants of residues that affect access to the ligand-binding cavity of human lipocalin-type prostaglandin D synthase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 2125-2138.	2.5	5
25	The chaperone-like protein 14-3-3 $\hat{\imath}$ interacts with human $\hat{\imath}$ -synuclein aggregation intermediates rerouting the amyloidogenic pathway and reducing $\hat{\imath}$ -synuclein cellular toxicity. <i>Human Molecular Genetics</i> , 2014, 23, 5615-5629.	2.9	56
26	BEL $\hat{\imath}$ -trefoil: A novel lectin with antineoplastic properties in king bolete (<i>Boletus edulis</i>) mushrooms. <i>Glycobiology</i> , 2013, 23, 578-592.	2.5	50
27	The crystal structure of sterol carrier protein 2 from <i>Yarrowia lipolytica</i> and the evolutionary conservation of a large, non-specific lipid-binding cavity. <i>Journal of Structural and Functional Genomics</i> , 2013, 14, 145-153.	1.2	10
28	Glucose-Neopentyl Glycol (GNG) amphiphiles for membrane protein study. <i>Chemical Communications</i> , 2013, 49, 2287-2289.	4.1	79
29	X-ray evidence of a native state with increased compactness populated by tryptophan $\hat{\imath}$ B. licheniformis $\hat{\imath}$ $\hat{\imath}$ -lactamase. <i>Protein Science</i> , 2012, 21, 964-976.	7.6	6
30	Structural changes in the BH3 domain of SOUL protein upon interaction with the anti-apoptotic protein Bcl-xL. <i>Biochemical Journal</i> , 2011, 438, 291-301.	3.7	26
31	Structure of a lectin with antitumoral properties in king bolete (<i>Boletus edulis</i>) mushrooms. <i>Glycobiology</i> , 2011, 21, 1000-1009.	2.5	65
32	The X-Ray Structure of Zebrafish (<i>Danio rerio</i>) Ileal Bile Acid-Binding Protein Reveals the Presence of Binding Sites on the Surface of the Protein Molecule. <i>Journal of Molecular Biology</i> , 2009, 385, 99-116.	4.2	33
33	Crystal structure of human cellular retinol-binding protein II to 1.2 $\hat{\imath}$... resolution. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 70, 1626-1630.	2.6	13
34	A Single Amino Acid Mutation in Zebrafish (<i>Danio rerio</i>) Liver Bile Acid-binding Protein Can Change the Stoichiometry of Ligand Binding. <i>Journal of Biological Chemistry</i> , 2007, 282, 31008-31018.	3.4	21
35	Crystal structure of the anticarcinogenic Bowman $\hat{\imath}$ Birk inhibitor from snail medic (<i>Medicago Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	2.8	11
36	Crystal structure of axolotl (<i>Ambystoma mexicanum</i>) liver bile acid-binding protein bound to cholic and oleic acid. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 64, 79-88.	2.6	13

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37	Structure and Properties of the C-terminal Domain of Insulin-like Growth Factor-binding Protein-1 Isolated from Human Amniotic Fluid. <i>Journal of Biological Chemistry</i> , 2005, 280, 29812-29819.	3.4	35
38	The Antineoplastic Lectin of the Common Edible Mushroom (<i>Agaricus bisporus</i>) Has Two Binding Sites, Each Specific for a Different Configuration at a Single Epimeric Hydroxyl. <i>Journal of Biological Chemistry</i> , 2005, 280, 10614-10623.	3.4	83
39	Crystallization and preliminary X-ray study of the common edible mushroom (<i>Agaricus bisporus</i>) lectin. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 718-720.	2.5	5
40	Crystal Structure of Chicken Liver Basic Fatty Acid-Binding Protein Complexed with Cholic Acid. <i>Biochemistry</i> , 2004, 43, 14072-14079.	2.5	57
41	Interaction of Chicken Liver Basic Fatty Acid-Binding Protein with Fatty Acids: A 13C NMR and Fluorescence Study. <i>Biochemistry</i> , 2001, 40, 12604-12611.	2.5	17
42	Structural Basis for Chaperone-Independent Ubiquitination of Tau Protein by its E3 Ligase CHIP. <i>Angewandte Chemie</i> , 0, , .	2.0	0