

Sebastiano Pasqualato

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

3,176
citations

279798

23
h-index

377865

34
g-index

38
all docs

38
docs citations

38
times ranked

4021
citing authors

#	ARTICLE	IF	CITATIONS
1	Implications for Kinetochores-Microtubule Attachment from the Structure of an Engineered Ndc80 Complex. <i>Cell</i> , 2008, 133, 427-439.	28.9	479
2	Arf, Arl, Arp and Sar proteins: a family of GTP-binding proteins with a structural device for front-back communication. <i>EMBO Reports</i> , 2002, 3, 1035-1041.	4.5	301
3	The Ndc80 kinetochore complex forms oligomeric arrays along microtubules. <i>Nature</i> , 2010, 467, 805-810.	27.8	277
4	The MIS12 complex is a protein interaction hub for outer kinetochore assembly. <i>Journal of Cell Biology</i> , 2010, 190, 835-852.	5.2	196
5	Exome Sequence Reveals Mutations in CoA Synthase as a Cause of Neurodegeneration with Brain Iron Accumulation. <i>American Journal of Human Genetics</i> , 2014, 94, 11-22.	6.2	176
6	Structure of the HECT:ubiquitin complex and its role in ubiquitin chain elongation. <i>EMBO Reports</i> , 2011, 12, 342-349.	4.5	146
7	Structure of a ubiquitin-loaded HECT ligase reveals the molecular basis for catalytic priming. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 696-701.	8.2	146
8	The structural GDP/GTP cycle of human Arf6. <i>EMBO Reports</i> , 2001, 2, 234-238.	4.5	120
9	Fast native-SAD phasing for routine macromolecular structure determination. <i>Nature Methods</i> , 2015, 12, 131-133.	19.0	120
10	Modular Assembly of RWD Domains on the Mis12 Complex Underlies Outer Kinetochore Organization. <i>Molecular Cell</i> , 2014, 53, 591-605.	9.7	116
11	The pseudo GTPase CENP-M drives human kinetochore assembly. <i>ELife</i> , 2014, 3, e02978.	6.0	107
12	The Ndc80 Loop Region Facilitates Formation of Kinetochores Attachment to the Dynamic Microtubule Plus End. <i>Current Biology</i> , 2011, 21, 207-213.	3.9	98
13	Molecular Basis for the Dual Function of Eps8 on Actin Dynamics: Bundling and Capping. <i>PLoS Biology</i> , 2010, 8, e1000387.	5.6	91
14	Structure of Arf6-GDP suggests a basis for guanine nucleotide exchange factors specificity. <i>Nature Structural Biology</i> , 2000, 7, 466-469.	9.7	84
15	The Structural GDP/GTP Cycle of Rab11 Reveals a Novel Interface Involved in the Dynamics of Recycling Endosomes. <i>Journal of Biological Chemistry</i> , 2004, 279, 11480-11488.	3.4	80
16	Chromatin Velocity reveals epigenetic dynamics by single-cell profiling of heterochromatin and euchromatin. <i>Nature Biotechnology</i> , 2022, 40, 235-244.	17.5	72
17	Structural and Functional Framework for the Autoinhibition of Nedd4-Family Ubiquitin Ligases. <i>Structure</i> , 2014, 22, 1639-1649.	3.3	70
18	Persistence of Anti-SARS-CoV-2 Antibodies in Non-Hospitalized COVID-19 Convalescent Health Care Workers. <i>Journal of Clinical Medicine</i> , 2020, 9, 3188.	2.4	68

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19	Thieno[3,2- <i>b</i>]pyrrole-5-carboxamides as New Reversible Inhibitors of Histone Lysine Demethylase KDM1A/LSD1. Part 2: Structure-Based Drug Design and Structure-Activity Relationship. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1693-1715.	6.4	60
20	Thieno[3,2- <i>b</i>]pyrrole-5-carboxamides as New Reversible Inhibitors of Histone Lysine Demethylase KDM1A/LSD1. Part 1: High-Throughput Screening and Preliminary Exploration. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1673-1692.	6.4	59
21	Crystallographic Evidence for Substrate-Assisted GTP Hydrolysis by a Small GTP Binding Protein. <i>Structure</i> , 2005, 13, 533-540.	3.3	55
22	Accumulation of Mad2-Cdc20 complex during spindle checkpoint activation requires binding of open and closed conformers of Mad2 in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Biology</i> , 2006, 174, 39-51.	5.2	51
23	Mechanism of Domain Closure of Sec7 Domains and Role in BFA Sensitivity. <i>Biochemistry</i> , 2002, 41, 3605-3612.	2.5	33
24	Hexameric NuMA:LGN structures promote multivalent interactions required for planar epithelial divisions. <i>Nature Communications</i> , 2019, 10, 2208.	12.8	29
25	Discovery of Reversible Inhibitors of KDM1A Efficacious in Acute Myeloid Leukemia Models. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 754-759.	2.8	21
26	Seroprevalence of SARS-CoV2 in IBD Patients Treated with Biologic Therapy. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 864-868.	1.3	21
27	<i>Drosophila</i> TNFRs Grindelwald and Wengen bind Eiger with different affinities and promote distinct cellular functions. <i>Nature Communications</i> , 2021, 12, 2070.	12.8	19
28	Organizational Principles of the NuMA-Dynein Interaction Interface and Implications for Mitotic Spindle Functions. <i>Structure</i> , 2020, 28, 820-829.e6.	3.3	17
29	Recombinant and Truncated Tetanus Neurotoxin Light Chain: Cloning, Expression, Purification, and Proteolytic Activity. <i>Protein Expression and Purification</i> , 1999, 15, 221-227.	1.3	14
30	Lower probability and shorter duration of infections after COVID-19 vaccine correlate with anti-SARS-CoV-2 circulating IgGs. <i>PLoS ONE</i> , 2022, 17, e0263014.	2.5	14
31	Epistasis, aneuploidy, and functional mutations underlie evolution of resistance to induced microtubule depolymerization. <i>EMBO Journal</i> , 2021, 40, e108225.	7.8	11
32	Purification and Characterization of a DNA-Binding Recombinant PREP1:PBX1 Complex. <i>PLoS ONE</i> , 2015, 10, e0125789.	2.5	8
33	Structural Basis of Inhibition of the Pioneer Transcription Factor NF- κ B by Suramin. <i>Cells</i> , 2020, 9, 2370.	4.1	8
34	Hydroxycitric Acid Inhibits Chronic Myelogenous Leukemia Growth through Activation of AMPK and mTOR Pathway. <i>Nutrients</i> , 2022, 14, 2669.	4.1	5
35	The GDP/GTP Cycle of Arf Proteins. , 2004, , 23-48.		2