Sebastiano Pasqualato

List of Publications by Year
in descending order

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	Chromatin Velocity reveals epigenetic dynamics by single-cell profiling of heterochromatin and euchromatin. Nature Biotechnology, 2022, 40, 235-244.	17.5	72
2	Lower probability and shorter duration of infections after COVID-19 vaccine correlate with anti-SARS-CoV-2 circulating IgGs. PLoS ONE, 2022, 17, e0263014.	2.5	14
3	Hydroxycitric Acid Inhibits Chronic Myelogenous Leukemia Growth through Activation of AMPK and mTOR Pathway. Nutrients, 2022, 14, 2669.	4.1	5
4	Seroprevalence of SARS-CoV2 in IBD Patients Treated with Biologic Therapy. Journal of Crohn's and Colitis, 2021, 15, 864-868.	1.3	21
5	Drosophila TNFRs Grindelwald and Wengen bind Eiger with different affinities and promote distinct cellular functions. Nature Communications, 2021, 12, 2070.	12.8	19
6	Epistasis, aneuploidy, and functional mutations underlie evolution of resistance to induced microtubule depolymerization. EMBO Journal, 2021, 40, e108225.	7.8	11
7	Persistence of Anti-SARS-CoV-2 Antibodies in Non-Hospitalized COVID-19 Convalescent Health Care Workers. Journal of Clinical Medicine, 2020, 9, 3188.	2.4	68
8	Organizational Principles of the NuMA-Dynein Interaction Interface and Implications for Mitotic Spindle Functions. Structure, 2020, 28, 820-829.e6.	3.3	17
9	Structural Basis of Inhibition of the Pioneer Transcription Factor NF-Y by Suramin. Cells, 2020, 9, 2370.	4.1	8
10	Discovery of Reversible Inhibitors of KDM1A Efficacious in Acute Myeloid Leukemia Models. ACS Medicinal Chemistry Letters, 2020, 11, 754-759.	2.8	21
11	Hexameric NuMA:LGN structures promote multivalent interactions required for planar epithelial divisions. Nature Communications, 2019, 10, 2208.	12.8	29
12	Thieno[3,2-b]pyrrole-5-carboxamides as New Reversible Inhibitors of Histone Lysine Demethylase KDM1A/LSD1. Part 1: High-Throughput Screening and Preliminary Exploration. Journal of Medicinal Chemistry, 2017, 60, 1673-1692.	6.4	59
13	Thieno[3,2-b]pyrrole-5-carboxamides as New Reversible Inhibitors of Histone Lysine Demethylase KDM1A/LSD1. Part 2: Structure-Based Drug Design and Structureâ€“Activity Relationship. Journal of Medicinal Chemistry, 2017, 60, 1693-1715.	6.4	60
14	Purification and Characterization of a DNA-Binding Recombinant PREP1:PBX1 Complex. PLoS ONE, 2015, 10, e0125789.	2.5	8
15	Fast native-SAD phasing for routine macromolecular structure determination. Nature Methods, 2015, 12, 131-133.	19.0	120
16	Exome Sequence Reveals Mutations in CoA Synthase as a Cause of Neurodegeneration with Brain Iron Accumulation. American Journal of Human Genetics, 2014, 94, 11-22.	6.2	176
17	Structural and Functional Framework for the Autoinhibition of Nedd4-Family Ubiquitin Ligases. Structure, 2014, 22, 1639-1649.	3.3	70
18	Modular Assembly of RWD Domains on the Mis12 Complex Underlies Outer Kinetochore Organization. Molecular Cell, 2014, 53, 591-605.	9.7	116

#	Article	IF	Citations
19	The pseudo GTPase CENP-M drives human kinetochore assembly. ELife, 2014, 3, e02978.	6.0	107
20	Structure of a ubiquitin-loaded HECT ligase reveals the molecular basis for catalytic priming. Nature Structural and Molecular Biology, 2013, 20, 696-701.	8.2	146
21	Structure of the HECT:ubiquitin complex and its role in ubiquitin chain elongation. EMBO Reports, 2011, 12, 342-349.	4.5	146
22	The Ndc80 Loop Region Facilitates Formation of Kinetochore Attachment to the Dynamic Microtubule Plus End. Current Biology, 2011, 21, 207-213.	3.9	98
23	The Ndc80 kinetochore complex forms oligomeric arrays along microtubules. Nature, 2010, 467, 805-810.	27.8	277
24	The MIS12 complex is a protein interaction hub for outer kinetochore assembly. Journal of Cell Biology, 2010, 190, 835-852.	5.2	196
25	Molecular Basis for the Dual Function of Eps8 on Actin Dynamics: Bundling and Capping. PLoS Biology, 2010, 8, e1000387.	5.6	91
26	Implications for Kinetochore-Microtubule Attachment from the Structure of an Engineered Ndc80 Complex. Cell, 2008, 133, 427-439.	28.9	479
27	Accumulation of Mad2â€“Cdc20 complex during spindle checkpoint activation requires binding of open and closed conformers of Mad2 in Saccharomyces cerevisiae. Journal of Cell Biology, 2006, 174, 39-51.	5.2	51
28	Crystallographic Evidence for Substrate-Assisted GTP Hydrolysis by a Small GTP Binding Protein. Structure, 2005, 13, 533-540.	3.3	55
29	The Structural GDP/GTP Cycle of Rab11 Reveals a Novel Interface Involved in the Dynamics of Recycling Endosomes. Journal of Biological Chemistry, 2004, 279, 11480-11488.	3.4	80
30	The GDP/GTP Cycle of Arf Proteins. , 2004, , 23-48.		2
31	Mechanism of Domain Closure of Sec7 Domains and Role in BFA Sensitivityâ€. Biochemistry, 2002, 41, 3605-3612.	2.5	33
32	Arf, Arl, Arp and Sar proteins: a family of GTPâ€binding proteins with a structural device for â€˜frontâ€“backâ€™ communication. EMBO Reports, 2002, 3, 1035-1041.	4.5	301
33	The structural GDP/GTP cycle of human Arf6. EMBO Reports, 2001, 2, 234-238.	4.5	120
34	Structure of Arf6-GDP suggests a basis for guanine nucleotide exchange factors specificity. Nature Structural Biology, 2000, 7, 466-469.	9.7	84
35	Recombinant and Truncated Tetanus Neurotoxin Light Chain: Cloning, Expression, Purification, and Proteolytic Activity. Protein Expression and Purification, 1999, 15, 221-227.	1.3	14