Sebastian Guettler

List of Publications by Year
in descending order

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24 papers	2,800 citations	471061 17 h-index	676716 22 g-index
27 all docs	27 docs citations	27 times ranked	4310 citing authors

#	Article	IF	Citations
1	Nuclear Actin Regulates Dynamic Subcellular Localization and Activity of the SRF Cofactor MAL. Science, 2007, 316, 1749-1752.	6.0	569
2	A Myristoyl/Phosphotyrosine Switch Regulates c-Abl. Cell, 2003, 112, 845-857.	13.5	404
3	Genome-wide and high-density CRISPR-Cas9 screens identify point mutations in PARP1 causing PARP inhibitor resistance. Nature Communications, 2018, 9, 1849.	5.8	310
4	Structural Basis and Sequence Rules for Substrate Recognition by Tankyrase Explain the Basis for Cherubism Disease. Cell, 2011, 147, 1340-1354.	13.5	214
5	Genomic and Transcriptomic Determinants of Therapy Resistance and Immune Landscape Evolution during Anti-EGFR Treatment in Colorectal Cancer. Cancer Cell, 2019, 36, 35-50.e9.	7.7	179
6	ADPâ€ribosyltransferases, an update on function and nomenclature. FEBS Journal, 2022, 289, 7399-7410.	2.2	150
7	RPEL Motifs Link the Serum Response Factor Cofactor MAL but Not Myocardin to Rho Signaling via Actin Binding. Molecular and Cellular Biology, 2008, 28, 732-742.	1.1	142
8	Mutant actins that stabilise F-actin use distinct mechanisms to activate the SRF coactivator MAL. EMBO Journal, 2004, 23, 3973-3983.	3.5	131
9	Regulation of Wnt/Î²â€catenin signalling by tankyraseâ€dependent poly(ADPâ€ribosyl)ation and scaffolding. British Journal of Pharmacology, 2017, 174, 4611-4636.	2.7	98
10	Molecular basis for G-actin binding to RPEL motifs from the serum response factor coactivator MAL. EMBO Journal, 2008, 27, 3198-3208.	3.5	92
11	Structure of a Pentavalent G-Actinâ€¢MRTF-A Complex Reveals How G-Actin Controls Nucleocytoplasmic Shuttling of a Transcriptional Coactivator. Science Signaling, 2011, 4, ra40.	1.6	90
12	Tankyrase Requires SAM Domain-Dependent Polymerization to Support Wnt-Î²-Catenin Signaling. Molecular Cell, 2016, 63, 498-513.	4.5	72
13	Nedd4-1 binds and ubiquitylates activated FGFR1 to control its endocytosis and function. EMBO Journal, 2011, 30, 3259-3273.	3.5	70
14	CEA expression heterogeneity and plasticity confer resistance to the CEA-targeting bispecific immunotherapy antibody cibisatamab (CEA-TCB) in patient-derived colorectal cancer organoids. , 2019, 7, 101.		65
15	The genomic landscape of oesophagogastric junctional adenocarcinoma. Journal of Pathology, 2013, 231, 301-310.	2.1	42
16	MOB1 Mediated Phospho-recognition in the Core Mammalian Hippo Pathway. Molecular and Cellular Proteomics, 2017, 16, 1098-1110.	2.5	39
17	Reconstitution of the destruction complex defines roles of AXIN polymers and APC in Î²-catenin capture, phosphorylation, and ubiquitylation. Molecular Cell, 2021, 81, 3246-3261.e11.	4.5	37
18	Regulation of Protein Interactions by Mps One Binder (MOB1) Phosphorylation. Molecular and Cellular Proteomics, 2017, 16, 1111-1125.	2.5	34

#	Article	IF	Citations
19	Fragment-based screening identifies molecules targeting the substrate-binding ankyrin repeat domains of tankyrase. Scientific Reports, 2019, 9, 19130.	1.6	18
20	Structural Basis for Auto-Inhibition of the NDR1 Kinase Domain by an Atypically Long Activation Segment. Structure, 2018, 26, 1101-1115.e6.	1.6	17
21	Identifying and Validating Tankyrase Binders and Substrates: A Candidate Approach. Methods in Molecular Biology, 2017, 1608, 445-473.	0.4	12
22	Solution NMR assignment of the ARC4 domain of human tankyrase 2. Biomolecular NMR Assignments, 2019, 13, 255-260.	0.4	7
23	AXIN Shapes Tankyrase ARChitecture. Structure, 2016, 24, 1625-1627.	1.6	6
24	Abstract 4339: Molecular subtypes and novel genetic mechanisms of primary and acquired anti-EGFR resistance in colorectal cancer in the Prospect C biomarker trial. , 2018, , .		1