Eduard Stefan

List of Publications by Year
in descending order

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45	2,336	257101	233125
papers	citations	24 h-index	45 g-index

47	47	47	3300
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tracking mutation and drug-driven alterations of oncokinase conformations. Memo - Magazine of European Medical Oncology, 2022, 15, 137-142.	0.3	2
2	Feedback control of the Gpr161-GÎ±s-PKA axis contributes to basal Hedgehog repression in zebrafish. Development (Cambridge), 2021, 148, .	1.2	11
3	G3BPs tether the TSC complex to lysosomes and suppress mTORC1 signaling. Cell, 2021, 184, 655-674.e27.	13.5	65
4	Allosteric Kinase Inhibitors Reshape MEK1 Kinase Activity Conformations in Cells and In Silico. Biomolecules, 2021, 11, 518.	1.8	4
5	mTORC2 controls the activity of PKC and Akt by phosphorylating a conserved TOR interaction motif. Science Signaling, 2021, 14, .	1.6	64
6	The TBC1D31/praja2 complex controls primary ciliogenesis through PKAâ€directed OFD1 ubiquitylation. EMBO Journal, 2021, 40, e106503.	3.5	15
7	SATB2â€LEMD2 interaction links nuclear shape plasticity to regulation of cognitionâ€related genes. EMBO Journal, 2021, 40, e103701.	3.5	14
8	RBP2 stabilizes slow Cav1.3 Ca2+ channel inactivation properties of cochlear inner hair cells. Pflugers Archiv European Journal of Physiology, 2020, 472, 3-25.	1.3	14
9	Mutation-oriented profiling of autoinhibitory kinase conformations predicts RAF inhibitor efficacies. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31105-31113.	3.3	9
10	KinCon: Cellâ€based recording of fullâ€length kinase conformations. IUBMB Life, 2020, 72, 1168-1174.	1.5	11
11	Hedgehog and Gpr161: Regulating cAMP Signaling in the Primary Cilium. Cells, 2020, 9, 118.	1.8	32
12	BRAF inhibitors promote intermediate BRAF(V600E) conformations and binary interactions with activated RAS. Science Advances, 2019, 5, eaav8463.	4.7	25
13	Feedback inhibition of cAMP effector signaling by a chaperone-assisted ubiquitin system. Nature Communications, 2019, 10, 2572.	5.8	29
14	Phosphorylation of protein kinase A (PKA) regulatory subunit RIÎ± by protein kinase G (PKG) primes PKA for catalytic activity in cells. Journal of Biological Chemistry, 2018, 293, 4411-4421.	1.6	25
15	Counterregulation of cAMP-directed kinase activities controls ciliogenesis. Nature Communications, 2018, 9, 1224.	5.8	37
16	Targeting the Architecture of Deregulated Protein Complexes in Cancer. Advances in Protein Chemistry and Structural Biology, 2018, 111, 101-132.	1.0	5
17	MYC and RAF: Key Effectors in Cellular Signaling and Major Drivers in Human Cancer. Current Topics in Microbiology and Immunology, 2017, 407, 117-151.	0.7	25
18	The many faces of compartmentalized PKA signalosomes. Cellular Signalling, 2017, 37, 1-11.	1.7	158

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19	Calcium-dependent binding of Myc to calmodulin. Oncotarget, 2017, 8, 3327-3343.	0.8	16
20	Gpr161 anchoring of PKA consolidates GPCR and cAMP signaling. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7786-7791.	3.3	86
21	Structure of a PKA RIÎ± Recurrent Acrodysostosis Mutant Explains Defective cAMP-Dependent Activation. Journal of Molecular Biology, 2016, 428, 4890-4904.	2.0	19
22	In-vivo detection of binary PKA network interactions upon activation of endogenous GPCRs. Scientific Reports, 2015, 5, 11133.	1.6	12
23	Impact of kinase activating and inactivating patient mutations on binary PKA interactions. Frontiers in Pharmacology, 2015, 6, 170.	1.6	10
24	Stopping MYC in its tracks. Aging, 2015, 7, 463-464.	1.4	2
25	Systematic identification of signal integration by protein kinase A. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4501-4506.	3.3	53
26	Inhibitor of MYC identified in a KrÃ¶hnke pyridine library. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12556-12561.	3.3	110
27	In vivo quantification and perturbation of Myc-Max interactions and the impact on oncogenic potential. Oncotarget, 2014, 5, 8869-8878.	0.8	27
28	Proteolysis of MOB1 by the ubiquitin ligase praja2 attenuates Hippo signalling and supports glioblastoma growth. Nature Communications, 2013, 4, 1822.	5.8	98
29	Interplay of PKA and Rac. Small GTPases, 2013, 4, 247-251.	0.7	12
30	Reciprocal regulation of PKA and Rac signaling. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8531-8536.	3.3	42
31	Zebrafish Cxcr4a determines the proliferative response to Hedgehog signalling. Development (Cambridge), 2012, 139, 2711-2720.	1.2	12
32	Control of PKA stability and signalling by the RING ligase praja2. Nature Cell Biology, 2011, 13, 412-422.	4.6	77
33	PKA regulatory subunits mediate synergy among conserved G-protein-coupled receptor cascades. Nature Communications, 2011, 2, 598.	5.8	38
34	Exploration and optimization of substituted triazolothiadiazines and triazolopyridazines as PDE4 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3686-3692.	1.0	44
35	Identification of ERGIC-53 as an intracellular transport receptor of Î±1-antitrypsin. Journal of Cell Biology, 2008, 180, 705-712.	2.3	127
36	Compartmentalization of cAMP-Dependent Signaling by Phosphodiesterase-4D Is Involved in the Regulation of Vasopressin-Mediated Water Reabsorption in Renal Principal Cells. Journal of the American Society of Nephrology: JASN, 2007, 18, 199-212.	3.0	134

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37	Universal strategies in research and drug discovery based on protein-fragment complementation assays. Nature Reviews Drug Discovery, 2007, 6, 569-582.	21.5	283
38	A Role of Myosin Vb and Rab11-FIP2 in the Aquaporin-2 Shuttle. Traffic, 2007, 8, 110-123.	1.3	119
39	High-affinity AKAP7Î‘€“protein kinase A interaction yields novel protein kinase A-anchoring disruptor peptides. Biochemical Journal, 2006, 396, 297-306.	1.7	55
40	Spatial organisation of AKAP18 and PDE4 isoforms in renal collecting duct principal cells. European Journal of Cell Biology, 2006, 85, 673-678.	1.6	52
41	The Ubiquitin-Specific Protease Usp4 Regulates the Cell Surface Level of the A2a Receptor. Molecular Pharmacology, 2006, 69, 1083-1094.	1.0	122
42	Heterotrimeric G Protein-independent Signaling of a G Protein-coupled Receptor. Journal of Biological Chemistry, 2005, 280, 31898-31905.	1.6	61
43	Identification of a Novel A-kinase Anchoring Protein 18 Isoform and Evidence for Its Role in the Vasopressin-induced Aquaporin-2 Shuttle in Renal Principal Cells. Journal of Biological Chemistry, 2004, 279, 26654-26665.	1.6	125
44	Beyond G proteins: The role of accessory proteins in G protein-coupled receptor signalling. Pharmacochemistry Library, 2002, , 161-173.	0.1	0
45	Removal of the carboxy terminus of the A 2A -adenosine receptor blunts constitutive activity: differential effect on cAMP accumulation and MAP kinase stimulation. Naunyn-Schmiedeberg's Archives of Pharmacology, 2002, 366, 287-298.	1.4	52