Matthew G Gold

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3008521/publications.pdf

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26 papers	1,227 citations	471509 17 h-index	610901 24 g-index
29 all docs	29 docs citations	29 times ranked	1749 citing authors

#	Article	IF	Citations
1	Assaying Protein Kinase A Activity Using a FRET-Based Sensor Purified from Mammalian Cells. Methods in Molecular Biology, 2022, 2483, 15-31.	0.9	3
2	The intracellular domain of homomeric glycine receptors modulates agonist efficacy. Journal of Biological Chemistry, 2021, 296, 100387.	3.4	17
3	AKAP79 enables calcineurin to directly suppress protein kinase A activity. ELife, 2021, 10, .	6.0	6
4	Preparation of Rat Organotypic Hippocampal Slice Cultures Using the Membrane-Interface Method. Methods in Molecular Biology, 2021, 2188, 243-257.	0.9	2
5	Homomeric GluA2(R) AMPA receptors can conduct when desensitized. Nature Communications, 2019, 10, 4312.	12.8	22
6	Swimming regulations for protein kinase A catalytic subunit. Biochemical Society Transactions, 2019, 47, 1355-1366.	3.4	14
7	Structural dynamics of the E6AP/UBE3A-E6-p53 enzyme-substrate complex. Nature Communications, 2018, 9, 4441.	12.8	52
8	Mechanisms for localising calcineurin and CaMKII in dendritic spines. Cellular Signalling, 2018, 49, 46-58.	3.6	25
9	Crystal structures of a GABAA-receptor chimera reveal new endogenous neurosteroid-binding sites. Nature Structural and Molecular Biology, 2017, 24, 977-985.	8.2	152
10	Mechanisms for restraining cAMP-dependent protein kinase revealed by subunit quantitation and cross-linking approaches. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10414-10419.	7.1	92
11	Molecular basis of AKAP79 regulation by calmodulin. Nature Communications, 2017, 8, 1681.	12.8	41
12	The genetically encoded tool set for investigating cAMP: more than the sum of its parts. Frontiers in Pharmacology, 2015, 6, 164.	3.5	21
13	Protein Kinase A (PKA) Phosphorylation of Shp2 Protein Inhibits Its Phosphatase Activity and Modulates Ligand Specificity. Journal of Biological Chemistry, 2015, 290, 12058-12067.	3.4	15
14	Structure-Based Bacteriophage Screening for AKAP-Selective PKA Regulatory Subunit Variants. Methods in Molecular Biology, 2015, 1294, 167-180.	0.9	2
15	Local cAMP signaling in disease at a glance. Journal of Cell Science, 2013, 126, 4537-4543.	2.0	69
16	Engineering A-kinase Anchoring Protein (AKAP)-selective Regulatory Subunits of Protein Kinase A (PKA) through Structure-based Phage Selection. Journal of Biological Chemistry, 2013, 288, 17111-17121.	3.4	34
17	Molecular basis for a bipartite phosphatase interaction with the anchoring protein AKAP79. FASEB Journal, 2013, 27, 1043.1.	0.5	0
18	A frontier in the understanding of synaptic plasticity: Solving the structure of the postsynaptic density. BioEssays, 2012, 34, 599-608.	2.5	21

#	Article	IF	Citations
19	AKAP2 anchors PKA with aquaporinâ€0 to support ocular lens transparency. EMBO Molecular Medicine, 2012, 4, 15-26.	6.9	57
20	Architecture and dynamics of an A-kinase anchoring protein 79 (AKAP79) signaling complex. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6426-6431.	7.1	78
21	An entirely specific type I A-kinase anchoring protein that can sequester two molecules of protein kinase A at mitochondria. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E1227-35.	7.1	121
22	Protein Proximity Interactions. , 2010, , 1245.		0
23	AKAP18 Contains a Phosphoesterase Domain that Binds AMP. Journal of Molecular Biology, 2008, 375, 1329-1343.	4.2	51
24	Molecular Basis of AKAP Specificity for PKA Regulatory Subunits. Molecular Cell, 2006, 24, 383-395.	9.7	237
25	Lining the pockets of kinases and phosphatases. Current Opinion in Structural Biology, 2006, 16, 693-701.	5.7	74
26	The filling of granules into hard gelatine capsules. International Journal of Pharmaceutics, 1999, 188, 59-69.	5.2	21