

Matthew G Gold

List of Publications by Year in descending order

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Version: 2024-02-01

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	Molecular Basis of AKAP Specificity for PKA Regulatory Subunits. <i>Molecular Cell</i> , 2006, 24, 383-395.	9.7	237
2	Crystal structures of a GABAA-receptor chimera reveal new endogenous neurosteroid-binding sites. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 977-985.	8.2	152
3	An entirely specific type I A-kinase anchoring protein that can sequester two molecules of protein kinase A at mitochondria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E1227-35.	7.1	121
4	Mechanisms for restraining cAMP-dependent protein kinase revealed by subunit quantitation and cross-linking approaches. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10414-10419.	7.1	92
5	Architecture and dynamics of an A-kinase anchoring protein 79 (AKAP79) signaling complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6426-6431.	7.1	78
6	Lining the pockets of kinases and phosphatases. <i>Current Opinion in Structural Biology</i> , 2006, 16, 693-701.	5.7	74
7	Local cAMP signaling in disease at a glance. <i>Journal of Cell Science</i> , 2013, 126, 4537-4543.	2.0	69
8	AKAP2 anchors PKA with aquaporin-1 to support ocular lens transparency. <i>EMBO Molecular Medicine</i> , 2012, 4, 15-26.	6.9	57
9	Structural dynamics of the E6AP/UBE3A-E6-p53 enzyme-substrate complex. <i>Nature Communications</i> , 2018, 9, 4441.	12.8	52
10	AKAP18 Contains a Phosphoesterase Domain that Binds AMP. <i>Journal of Molecular Biology</i> , 2008, 375, 1329-1343.	4.2	51
11	Molecular basis of AKAP79 regulation by calmodulin. <i>Nature Communications</i> , 2017, 8, 1681.	12.8	41
12	Engineering A-kinase Anchoring Protein (AKAP)-selective Regulatory Subunits of Protein Kinase A (PKA) through Structure-based Phage Selection. <i>Journal of Biological Chemistry</i> , 2013, 288, 17111-17121.	3.4	34
13	Mechanisms for localising calcineurin and CaMKII in dendritic spines. <i>Cellular Signalling</i> , 2018, 49, 46-58.	3.6	25
14	Homomeric GluA2(R) AMPA receptors can conduct when desensitized. <i>Nature Communications</i> , 2019, 10, 4312.	12.8	22
15	The filling of granules into hard gelatine capsules. <i>International Journal of Pharmaceutics</i> , 1999, 188, 59-69.	5.2	21
16	A frontier in the understanding of synaptic plasticity: Solving the structure of the postsynaptic density. <i>BioEssays</i> , 2012, 34, 599-608.	2.5	21
17	The genetically encoded tool set for investigating cAMP: more than the sum of its parts. <i>Frontiers in Pharmacology</i> , 2015, 6, 164.	3.5	21
18	The intracellular domain of homomeric glycine receptors modulates agonist efficacy. <i>Journal of Biological Chemistry</i> , 2021, 296, 100387.	3.4	17

#	ARTICLE	IF	CITATIONS
19	Protein Kinase A (PKA) Phosphorylation of Shp2 Protein Inhibits Its Phosphatase Activity and Modulates Ligand Specificity. <i>Journal of Biological Chemistry</i> , 2015, 290, 12058-12067.	3.4	15
20	Swimming regulations for protein kinase A catalytic subunit. <i>Biochemical Society Transactions</i> , 2019, 47, 1355-1366.	3.4	14
21	AKAP79 enables calcineurin to directly suppress protein kinase A activity. <i>ELife</i> , 2021, 10, .	6.0	6
22	Assaying Protein Kinase A Activity Using a FRET-Based Sensor Purified from Mammalian Cells. <i>Methods in Molecular Biology</i> , 2022, 2483, 15-31.	0.9	3
23	Structure-Based Bacteriophage Screening for AKAP-Selective PKA Regulatory Subunit Variants. <i>Methods in Molecular Biology</i> , 2015, 1294, 167-180.	0.9	2
24	Preparation of Rat Organotypic Hippocampal Slice Cultures Using the Membrane-Interface Method. <i>Methods in Molecular Biology</i> , 2021, 2188, 243-257.	0.9	2
25	Protein Proximity Interactions. , 2010, , 1245.		0
26	Molecular basis for a bipartite phosphatase interaction with the anchoring protein AKAP79. <i>FASEB Journal</i> , 2013, 27, 1043.1.	0.5	0