

Martin J Lynch

List of Publications by Year in descending order

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16
papers

1,695
citations

516681

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940516

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docs citations

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times ranked

1802
citing authors

#	ARTICLE	IF	CITATIONS
1	MEK1 Binds Directly to β 2-Arrestin1, Influencing Both Its Phosphorylation by ERK and the Timing of Its Isoprenaline-stimulated Internalization. <i>Journal of Biological Chemistry</i> , 2009, 284, 11425-11435.	3.4	65
2	In cardiac myocytes, cAMP elevation triggers the down-regulation of transcripts and promoter activity for cyclic AMP phosphodiesterase-4A10 (PDE4A10). <i>Cellular Signalling</i> , 2008, 20, 2071-2083.	3.6	17
3	EPAC and PKA allow cAMP dual control over DNA-PK nuclear translocation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12791-12796.	7.1	109
4	Tyrosine 302 in RACK1 Is Essential for Insulin-like Growth Factor-I-mediated Competitive Binding of PP2A and β 1 Integrin and for Tumor Cell Proliferation and Migration. <i>Journal of Biological Chemistry</i> , 2008, 283, 22952-22961.	3.4	67
5	Dynamic Regulation, Desensitization, and Cross-talk in Discrete Subcellular Microdomains during β 2-Adrenoceptor and Prostanoid Receptor cAMP Signaling. <i>Journal of Biological Chemistry</i> , 2007, 282, 34235-34249.	3.4	51
6	p75 neurotrophin receptor regulates tissue fibrosis through inhibition of plasminogen activation via a PDE4/cAMP/PKA pathway. <i>Journal of Cell Biology</i> , 2007, 177, 1119-1132.	5.2	116
7	Scanning peptide array analyses identify overlapping binding sites for the signalling scaffold proteins, β 2-arrestin and RACK1, in cAMP-specific phosphodiesterase PDE4D5. <i>Biochemical Journal</i> , 2006, 398, 23-36.	3.7	144
8	Phosphodiesterase-4 influences the PKA phosphorylation status and membrane translocation of G-protein receptor kinase 2 (GRK2) in HEK-293 β 2 cells and cardiac myocytes. <i>Biochemical Journal</i> , 2006, 394, 427-435.	3.7	35
9	Intracellular Targeting of Phosphodiesterase ϵ 4 Underpins Compartmentalized cAMP Signaling. <i>Current Topics in Developmental Biology</i> , 2006, 75, 225-259.	2.2	40
10	PGE1 stimulation of HEK293 cells generates multiple contiguous domains with different [cAMP]: role of compartmentalized phosphodiesterases. <i>Journal of Cell Biology</i> , 2006, 175, 441-451.	5.2	171
11	In resting COS1 cells a dominant negative approach shows that specific, anchored PDE4 cAMP phosphodiesterase isoforms gate the activation, by basal cyclic AMP production, of AKAP-tethered protein kinase A type II located in the centrosomal region. <i>Cellular Signalling</i> , 2005, 17, 1158-1173.	3.6	102
12	RNA Silencing Identifies PDE4D5 as the Functionally Relevant cAMP Phosphodiesterase Interacting with β 2-Arrestin to Control the Protein Kinase A/AKAP79-mediated Switching of the β 2-Adrenergic Receptor to Activation of ERK in HEK293B2 Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 33178-33189.	3.4	185
13	The <i>Aeromonas hydrophila</i> LuxR homologue AhyR regulates the N-acyl homoserine lactone synthase, AhyI positively and negatively in a growth phase-dependent manner. <i>FEMS Microbiology Letters</i> , 2004, 241, 109-117.	1.8	47
14	Expression, intracellular distribution and basis for lack of catalytic activity of the PDE4A7 isoform encoded by the human PDE4A cAMP-specific phosphodiesterase gene. <i>Biochemical Journal</i> , 2004, 380, 371-384.	3.7	24
15	The regulation of biofilm development by quorum sensing in <i>Aeromonas hydrophila</i> . <i>Environmental Microbiology</i> , 2002, 4, 18-28.	3.8	290
16	Quorum Sensing-Dependent Regulation and Blockade of Exoprotease Production in <i>Aeromonas hydrophila</i> . <i>Infection and Immunity</i> , 1999, 67, 5192-5199.	2.2	232