

Kyle R Legate

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,983
citations

471061

17
h-index

642321

23
g-index

23
all docs

23
docs citations

23
times ranked

6011
citing authors

#	ARTICLE	IF	CITATIONS
1	The Tail of Integrins, Talin, and Kindlins. <i>Science</i> , 2009, 324, 895-899.	6.0	672
2	Genetic and cell biological analysis of integrin outside-in signaling. <i>Genes and Development</i> , 2009, 23, 397-418.	2.7	637
3	ILK, PINCH and parvin: the tIPP of integrin signalling. <i>Nature Reviews Molecular Cell Biology</i> , 2006, 7, 20-31.	16.1	602
4	The integrin adhesome: from genes and proteins to human disease. <i>Nature Reviews Molecular Cell Biology</i> , 2014, 15, 273-288.	16.1	526
5	Capillary and arteriolar pericytes attract innate leukocytes exiting through venules and 'instruct' them with pattern-recognition and motility programs. <i>Nature Immunology</i> , 2013, 14, 41-51.	7.0	371
6	Mechanisms that regulate adaptor binding to β ² -integrin cytoplasmic tails. <i>Journal of Cell Science</i> , 2009, 122, 187-198.	1.2	339
7	A practical guide to quantify cell adhesion using single-cell force spectroscopy. <i>Methods</i> , 2013, 60, 169-178.	1.9	161
8	What Mouse Mutants Teach Us About Extracellular Matrix Function. <i>Annual Review of Cell and Developmental Biology</i> , 2006, 22, 591-621.	4.0	155
9	Genetic analysis of β ¹ integrin "activation motifs" in mice. <i>Journal of Cell Biology</i> , 2006, 174, 889-899.	2.3	91
10	Integrin adhesion and force coupling are independently regulated by localized PtdIns(4,5)P ₂ synthesis. <i>EMBO Journal</i> , 2011, 30, 4539-4553.	3.5	80
11	Sphingosine 1-Phosphate Produced by Sphingosine Kinase 2 Intrinsically Controls Platelet Aggregation In Vitro and In Vivo. <i>Circulation Research</i> , 2015, 117, 376-387.	2.0	69
12	An Amino-terminal Domain Containing Hydrophobic and Hydrophilic Sequences Binds the Signal Recognition Particle Receptor β [±] Subunit to the β ² Subunit on the Endoplasmic Reticulum Membrane. <i>Journal of Biological Chemistry</i> , 1995, 270, 15650-15657.	1.6	49
13	Sphingosine kinase 2 (Sphk2) regulates platelet biogenesis by providing intracellular sphingosine 1-phosphate (S1P). <i>Blood</i> , 2013, 122, 791-802.	0.6	49
14	Induction of membrane circular dorsal ruffles requires co-signalling of integrin-ILK-complex and EGF receptor. <i>Journal of Cell Science</i> , 2012, 125, 435-448.	1.2	48
15	Critical Role of Platelet Glycoprotein Ib β in Arterial Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 589-597.	1.1	30
16	Nucleotide-dependent Binding of the GTPase Domain of the Signal Recognition Particle Receptor β ² -Subunit to the β [±] -Subunit. <i>Journal of Biological Chemistry</i> , 2000, 275, 27439-27446.	1.6	25
17	PIP3 Negatively Regulates LFA-1-Mediated Adhesion and Activation in Antigen-Induced CD4+ T Cells. <i>Journal of Immunology</i> , 2010, 185, 4714-4723.	0.4	23
18	Comparative phenotypic analysis of the two major splice isoforms of phosphatidylinositol phosphate kinase type β ³ in vivo. <i>Journal of Cell Science</i> , 2012, 125, 5636-5646.	1.2	18

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19	The β -Subunit of the Signal Recognition Particle Receptor Is a Novel GTP-binding Protein without Intrinsic GTPase Activity. <i>Journal of Biological Chemistry</i> , 2003, 278, 27712-27720.	1.6	16
20	Thrombocytosis as a Response to High Interleukin-6 Levels in cGMP-Dependent Protein Kinase I Mutant Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1820-1828.	1.1	16
21	Assembly strategies and GTPase regulation of the eukaryotic and <i>Escherichia coli</i> translocons. <i>Biochemistry and Cell Biology</i> , 2001, 79, 593-601.	0.9	3
22	PIP5K β -generated phosphatidylinositol(4,5)bisphosphate promotes the uptake of <i>Staphylococcus aureus</i> by host cells. <i>Molecular Microbiology</i> , 2021, 116, 1249-1267.	1.2	2
23	Assembly strategies and GTPase regulation of the eukaryotic and <i>Escherichia coli</i> translocons. <i>Biochemistry and Cell Biology</i> , 2001, 79, 593-601.	0.9	1