

Karoly Liliom

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

1,801
citations

23
h-index

42
g-index

53
ext. papers

1,935
ext. citations

4.8
avg, IF

3.58
L-index

#	Paper	IF	Citations
47	Absolute Quantitation of Serum Antibody Reactivity Using the Richards Growth Model for Antigen Microspot Titration. <i>Sensors</i> , 2022 , 22, 3962	3.8	0
46	Phospholipid Growth Factors: Identification and Mechanism of Action 2020 , 51-81		1
45	Comparison of ligand binding and conformational stability of human calmodulin with its homolog from the malaria parasite. <i>FASEB BioAdvances</i> , 2020 , 2, 489-505	2.8	0
44	The lipid mediator lysophosphatidic acid induces folding of disordered peptides with basic amphipathic character into rare conformations. <i>Scientific Reports</i> , 2018 , 8, 14499	4.9	9
43	The SH3 domain of Caskin1 binds to lysophosphatidic acid suggesting a direct role for the lipid in intracellular signaling. <i>Cellular Signalling</i> , 2017 , 32, 66-75	4.9	6
42	Regulation of the Equilibrium between Closed and Open Conformations of Annexin A2 by N-Terminal Phosphorylation and S100A4-Binding. <i>Structure</i> , 2017 , 25, 1195-1207.e5	5.2	31
41	Soluble components of the flagellar export apparatus, FliI, FliJ, and FliH, do not deliver flagellin, the major filament protein, from the cytosol to the export gate. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 2414-23	4.9	11
40	Selectivity of kinases on the activation of tenofovir, an anti-HIV agent. <i>European Journal of Pharmaceutical Sciences</i> , 2013 , 48, 307-15	5.1	10
39	Nucleotide promiscuity of 3-phosphoglycerate kinase is in focus: implications for the design of better anti-HIV analogues. <i>Molecular BioSystems</i> , 2011 , 7, 1863-73		10
38	The phospholipase A1 activity of lysophospholipase A-I links platelet activation to LPA production during blood coagulation. <i>Journal of Lipid Research</i> , 2011 , 52, 958-70	6.3	41
37	Neonatal FcR overexpression boosts humoral immune response in transgenic mice. <i>Journal of Immunology</i> , 2011 , 186, 959-68	5.3	50
36	Unbinding of hyaluronan accelerates the enzymatic activity of bee hyaluronidase. <i>Journal of Biological Chemistry</i> , 2011 , 286, 35699-35707	5.4	2
35	Dual coding in alternative reading frames correlates with intrinsic protein disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 5429-34	11.5	60
34	New cholesterol-specific antibodies remodel HIV-1 target cells surface and inhibit their in vitro virus production. <i>Journal of Lipid Research</i> , 2010 , 51, 286-96	6.3	12
33	Regulation of ryanodine receptors by sphingosylphosphorylcholine: involvement of both calmodulin-dependent and -independent mechanisms. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 401, 281-6	3.4	5
32	Structure and mechanism of calmodulin binding to a signaling sphingolipid reveal new aspects of lipid-protein interactions. <i>FASEB Journal</i> , 2010 , 24, 3829-39	0.9	7
31	Dissociation of calmodulin-target peptide complexes by the lipid mediator sphingosylphosphorylcholine: implications in calcium signaling. <i>Journal of Biological Chemistry</i> , 2010 , 285, 1799-808	5.4	12

30	Synthesis and properties of a photoactivatable analogue of psychosine (beta-Galactosylsphingosine). <i>ChemMedChem</i> , 2010 , 5, 682-6	3.7	11
29	GAP43 shows partial co-localisation but no strong physical interaction with prolyl oligopeptidase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010 , 1804, 2162-76	4	20
28	Mechanism of lysophosphatidic acid-induced amyloid fibril formation of beta(2)-microglobulin in vitro under physiological conditions. <i>Biochemistry</i> , 2009 , 48, 5689-99	3.2	27
27	Sphingosylphosphorylcholine as a novel calmodulin inhibitor. <i>Biochemical Journal</i> , 2008 , 410, 427-37	3.8	16
26	Identification of the hydrophobic ligand binding pocket of the S1P1 receptor. <i>Journal of Biological Chemistry</i> , 2007 , 282, 2374-85	5.4	41
25	Farnesyl phosphates are endogenous ligands of lysophosphatidic acid receptors: inhibition of LPA GPCR and activation of PPARs. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2006 , 1761, 1506-14	5	22
24	Synthesis, structure-activity relationships, and biological evaluation of fatty alcohol phosphates as lysophosphatidic acid receptor ligands, activators of PPARgamma, and inhibitors of autotaxin. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 4919-30	8.3	92
23	The role of the conserved glycines of ATP-binding cassette signature motifs of MRP1 in the communication between the substrate-binding site and the catalytic centers. <i>Journal of Biological Chemistry</i> , 2004 , 279, 41670-8	5.4	28
22	Nucleotides and transported substrates modulate different steps of the ATPase catalytic cycle of MRP1 multidrug transporter. <i>Biochemical Journal</i> , 2004 , 380, 549-60	3.8	8
21	Fatty alcohol phosphates are subtype-selective agonists and antagonists of lysophosphatidic acid receptors. <i>Molecular Pharmacology</i> , 2003 , 63, 1032-42	4.3	81
20	Photolysis of intracellular caged sphingosine-1-phosphate causes Ca ²⁺ mobilization independently of G-protein-coupled receptors. <i>FEBS Letters</i> , 2003 , 554, 443-9	3.8	79
19	Stereochemical properties of lysophosphatidic acid receptor activation and metabolism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2002 , 1582, 295-308	5	26
18	Sphingosylphosphocholine is a naturally occurring lipid mediator in blood plasma: a possible role in regulating cardiac function via sphingolipid receptors. <i>Biochemical Journal</i> , 2001 , 355, 189-197	3.8	136
17	A single amino acid determines lysophospholipid specificity of the S1P1 (EDG1) and LPA1 (EDG2) phospholipid growth factor receptors. <i>Journal of Biological Chemistry</i> , 2001 , 276, 49213-20	5.4	85
16	Sphingosylphosphocholine is a naturally occurring lipid mediator in blood plasma: a possible role in regulating cardiac function via sphingolipid receptors. <i>Biochemical Journal</i> , 2001 , 355, 189-97	3.8	79
15	Pharmacological characterization of phospholipid growth-factor receptors. <i>Annals of the New York Academy of Sciences</i> , 2000 , 905, 34-53	6.5	14
14	Sphingosylphosphorylcholine is a bona fide mediator regulating heart rate. <i>Annals of the New York Academy of Sciences</i> , 2000 , 905, 308-10	6.5	5
13	Organization-dependent effects of toxic bivalent ions microtubule assembly and glycolysis. <i>FEBS Journal</i> , 2000 , 267, 4731-9		34

12	Enhanced association of mutant triosephosphate isomerase to red cell membranes and to brain microtubules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 1026-31	11.5	50
11	Identification of Edg1 receptor residues that recognize sphingosine 1-phosphate. <i>Journal of Biological Chemistry</i> , 2000 , 275, 39379-84	5.4	133
10	A new potent calmodulin antagonist with arylalkylamine structure: crystallographic, spectroscopic and functional studies. <i>Journal of Molecular Biology</i> , 2000 , 297, 747-55	6.5	36
9	Contributory presentations/posters. <i>Journal of Biosciences</i> , 1999 , 24, 33-198	2.3	
8	Combined enhancement of microtubule assembly and glucose metabolism in neuronal systems in vitro: decreased sensitivity to copper toxicity. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 264, 605-10	3.4	25
7	Identification of a novel growth factor-like lipid, 1-O-cis-alk-1-phenyl-2-lyso-sn-glycero-3-phosphate (alkenyl-GP) that is present in commercial sphingolipid preparations. <i>Journal of Biological Chemistry</i> , 1998 , 273, 13461-8	5.4	42
6	Growth factor-like phospholipids generated after corneal injury. <i>American Journal of Physiology - Cell Physiology</i> , 1998 , 274, C1065-74	5.4	90
5	Naturally occurring analogs of lysophosphatidic acid elicit different cellular responses through selective activation of multiple receptor subtypes. <i>Molecular Pharmacology</i> , 1998 , 54, 979-88	4.3	118
4	Local anesthetics inhibit receptors coupled to phosphoinositide signaling in <i>Xenopus</i> oocytes. <i>Pflügers Archiv European Journal of Physiology</i> , 1997 , 433, 478-87	4.6	9
3	Molecular cloning of a high-affinity receptor for the growth factor-like lipid mediator lysophosphatidic acid from <i>Xenopus</i> oocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 14367-72	11.5	183
2	Anti-calmodulin potency of indol alkaloids in in vitro systems. <i>European Journal of Pharmacology</i> , 1995 , 291, 73-82		22
1	Quantitative evaluation of indirect ELISA. Effect of calmodulin antagonists on antibody binding to calmodulin. <i>Journal of Immunological Methods</i> , 1991 , 143, 119-25	2.5	20