

# Montserrat Camps

## List of Publications by Year in descending order

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52  
papers

7,648  
citations

126907

33  
h-index

175258

52  
g-index

52  
all docs

52  
docs citations

52  
times ranked

8235  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual specificity phosphatases: a gene family for control of MAP kinase function. <i>FASEB Journal</i> , 2000, 14, 6-16.	0.5	728
2	Blockade of PI3K $\hat{1}$ $\hat{3}$ suppresses joint inflammation and damage in mouse models of rheumatoid arthritis. <i>Nature Medicine</i> , 2005, 11, 936-943.	30.7	711
3	Isozyme-selective stimulation of phospholipase C $\hat{2}$ by G protein $\hat{1}$ $\hat{2}$ $\hat{3}$ -subunits. <i>Nature</i> , 1992, 360, 684-686.	27.8	634
4	Targeting dual-specificity phosphatases: manipulating MAP kinase signalling and immune responses. <i>Nature Reviews Drug Discovery</i> , 2007, 6, 391-403.	46.4	429
5	PI3K $\hat{1}$ and PI3K $\hat{1}$ $\hat{3}$ : partners in crime in inflammation in rheumatoid arthritis and beyond?. <i>Nature Reviews Immunology</i> , 2007, 7, 191-201.	22.7	382
6	Bcl-2 Undergoes Phosphorylation by c-Jun N-terminal Kinase/Stress-activated Protein Kinases in the Presence of the Constitutively Active GTP-binding Protein Rac1. <i>Journal of Biological Chemistry</i> , 1997, 272, 25238-25242.	3.4	370
7	The Dual Specificity Phosphatases M3/6 and MKP-3 Are Highly Selective for Inactivation of Distinct Mitogen-activated Protein Kinases. <i>Journal of Biological Chemistry</i> , 1996, 271, 27205-27208.	3.4	361
8	MKP-3, a Novel Cytosolic Protein-tyrosine Phosphatase That Exemplifies a New Class of Mitogen-activated Protein Kinase Phosphatase. <i>Journal of Biological Chemistry</i> , 1996, 271, 4319-4326.	3.4	325
9	PI3K $\hat{1}$ $\hat{3}$ inhibition blocks glomerulonephritis and extends lifespan in a mouse model of systemic lupus. <i>Nature Medicine</i> , 2005, 11, 933-935.	30.7	306
10	Sequential activation of class IB and class IA PI3K is important for the primed respiratory burst of human but not murine neutrophils. <i>Blood</i> , 2005, 106, 1432-1440.	1.4	274
11	Stimulation of phospholipase C by guanine-nucleotide-binding protein betagamma subunits. <i>FEBS Journal</i> , 1992, 206, 821-831.	0.2	262
12	PI(3)K $\hat{1}$ $\hat{3}$ has an important context-dependent role in neutrophil chemokinesis. <i>Nature Cell Biology</i> , 2007, 9, 86-91.	10.3	233
13	Positive regulation of immune cell function and inflammatory responses by phosphatase PAC-1. <i>Nature Immunology</i> , 2006, 7, 274-283.	14.5	228
14	Key role of the p110 $\hat{1}$ isoform of PI3K in B-cell antigen and IL-4 receptor signaling: comparative analysis of genetic and pharmacologic interference with p110 $\hat{1}$ function in B cells. <i>Blood</i> , 2006, 107, 642-650.	1.4	202
15	Furan-2-ylmethylene Thiazolidinediones as Novel, Potent, and Selective Inhibitors of Phosphoinositide 3-Kinase $\hat{1}$ $\hat{3}$ . <i>Journal of Medicinal Chemistry</i> , 2006, 49, 3857-3871.	6.4	188
16	The Mitogen-activated Protein Kinase Phosphatase-3 N-terminal Noncatalytic Region Is Responsible for Tight Substrate Binding and Enzymatic Specificity. <i>Journal of Biological Chemistry</i> , 1998, 273, 9323-9329.	3.4	138
17	Molecular Cloning and Functional Characterization of a Novel Mitogen-activated Protein Kinase Phosphatase, MKP-4. <i>Journal of Biological Chemistry</i> , 1997, 272, 5141-5151.	3.4	134
18	The nucleus, a site for signal termination by sequestration and inactivation of p42/p44 MAP kinases. <i>Journal of Cell Science</i> , 2001, 114, 3433-3443.	2.0	120

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19	Design and Synthesis of the First Generation of Novel Potent, Selective, and in Vivo Active (Benzothiazol-2-yl)acetonitrile Inhibitors of the c-Jun N-Terminal Kinase. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 4596-4607.	6.4	119
20	Inactivation of PI3K $\beta$ and PI3K $\delta$ distorts T-cell development and causes multiple organ inflammation. <i>Blood</i> , 2007, 110, 2940-2947.	1.4	113
21	Isoform-Specific Functions of Phosphoinositide 3-Kinases: p110 $\delta$ but Not p110 $\beta$ Promotes Optimal Allergic Responses In Vivo. <i>Journal of Immunology</i> , 2008, 180, 2538-2544.	0.8	111
22	Dopamine receptors in human brain: autoradiographic distribution of D1 and D2 sites in Parkinson syndrome of different etiology. <i>Brain Research</i> , 1989, 483, 30-38.	2.2	107
23	BMP2 induction of actin cytoskeleton reorganization and cell migration requires PI3-kinase and Cdc42 activity. <i>Journal of Cell Science</i> , 2008, 121, 3960-3970.	2.0	106
24	Efficacy and Pharmacodynamic Modeling of the BTK Inhibitor Evobrutinib in Autoimmune Disease Models. <i>Journal of Immunology</i> , 2019, 202, 2888-2906.	0.8	100
25	Involvement of Phosphoinositide 3-Kinase $\beta$ , Rac, and PAK Signaling in Chemokine-induced Macrophage Migration. <i>Journal of Biological Chemistry</i> , 2004, 279, 43273-43284.	3.4	93
26	Substrate Recognition Domains within Extracellular Signal-regulated Kinase Mediate Binding and Catalytic Activation of Mitogen-activated Protein Kinase Phosphatase-3. <i>Journal of Biological Chemistry</i> , 2000, 275, 24613-24621.	3.4	88
27	The p110 $\delta$ catalytic isoform of PI3K is a key player in NK-cell development and cytokine secretion. <i>Blood</i> , 2007, 110, 3202-3208.	1.4	83
28	Activation of phosphatidylinositol lipid-specific phospholipase C- $\beta$ 3 by G-protein $\beta$ subunits. <i>FEBS Letters</i> , 1993, 315, 340-342.	2.8	77
29	Induction of the mitogen-activated protein kinase phosphatase MKP3 by nerve growth factor in differentiating PC12. <i>FEBS Letters</i> , 1998, 425, 271-276.	2.8	65
30	Design, Synthesis, and Biological Activity of Novel, Potent, and Selective (Benzoylaminoethyl)thiophene Sulfonamide Inhibitors of c-Jun-N-Terminal Kinase. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 6921-6934.	6.4	61
31	In vivo labeling of brain dopamine D2 receptors using the high-affinity specific D2 agonist [3H]CV 205 $\beta$ 502. <i>Brain Research</i> , 1988, 440, 123-132.	2.2	48
32	Stimulation of phospholipase C-beta2 by recombinant guanine-nucleotide-binding protein betagamma dimers produced in a baculovirus/insect cell expression system. Requirement of gamma-subunit isoprenylation for stimulation of phospholipase C. <i>FEBS Journal</i> , 1994, 219, 171-178.	0.2	47
33	A Chemical Proteomics Approach to Phosphatidylinositol 3-Kinase Signaling in Macrophages. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1829-1841.	3.8	34
34	MAP Kinase Phosphatase 3 (MKP3) Interacts with and Is Phosphorylated by Protein Kinase CK2 $\beta$ . <i>Journal of Biological Chemistry</i> , 2004, 279, 44731-44739.	3.4	33
35	Mutational analysis of phospholipase C-beta2. Identification of regions required for membrane association and stimulation by guanine-nucleotide-binding protein betagamma subunits. <i>FEBS Journal</i> , 1993, 217, 1109-1115.	0.2	31
36	Characterization of Novel PI3K $\delta$ Inhibitors as Potential Therapeutics for SLE and Lupus Nephritis in Pre-Clinical Studies. <i>Frontiers in Immunology</i> , 2014, 5, 233.	4.8	27

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37	Expression, characterization and purification of soluble G-protein $\beta\gamma$ dimers composed of defined subunits in baculovirus-infected insect cells. <i>FEBS Letters</i> , 1992, 313, 220-224.	2.8	26
38	Chemokine receptor CCR2 undergoes transportin1 $\alpha$ -dependent nuclear translocation. <i>Proteomics</i> , 2008, 8, 4560-4576.	2.2	26
39	Identification and Characterization of G Protein-Regulated Phospholipase C in Human Myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 1996, 28, 2419-2427.	1.9	25
40	Activation of a phospholipase C $\beta$ 2 deletion mutant by limited proteolysis. <i>Biochemical Journal</i> , 1998, 330, 461-468.	3.7	21
41	Functional Whole-genome Analysis Identifies Polo-like Kinase 2 and Poliovirus Receptor as Essential for Neuronal Differentiation Upstream of the Negative Regulator $\beta$ -crystallin. <i>Journal of Biological Chemistry</i> , 2009, 284, 32053-32065.	3.4	21
42	Autoradiographic localization of dopamine D2 receptors in the rat brain using the new agonist [3H]N-0437. <i>Neuroscience Letters</i> , 1987, 83, 259-263.	2.1	19
43	A peptide corresponding to a potential polyphosphoinositide binding site of phospholipase C- $\beta$ 2 enhances its catalytic activity. <i>FEBS Letters</i> , 1993, 331, 248-251.	2.8	19
44	Characterization of Putative Polyphosphoinositide Binding Motifs from Phospholipase C. $\beta$ 2. <i>Biochemistry</i> , 1995, 34, 5113-5119.	2.5	18
45	Stimulation of phospholipase C by a mutationally activated G protein $\beta$ 16 subunit. <i>Biochemical and Biophysical Research Communications</i> , 1992, 188, 1018-1023.	2.1	17
46	[14] Stimulation of phospholipase C by G-protein $\beta\gamma$ subunits. <i>Methods in Enzymology</i> , 1994, 238, 181-195.	1.0	16
47	GLEPP1/Protein-tyrosine Phosphatase $\beta$ Inhibitors Block Chemotaxis in Vitro and in Vivo and Improve Murine Ulcerative Colitis. <i>Journal of Biological Chemistry</i> , 2009, 284, 11385-11395.	3.4	16
48	Mutational analysis of a putative polyphosphoinositide binding site in phospholipase C- $\beta$ 2. <i>FEBS Letters</i> , 1995, 365, 155-158.	2.8	14
49	ASK1 promotes the contact hypersensitivity response through IL-17 production. <i>Scientific Reports</i> , 2014, 4, 4714.	3.3	14
50	Activation of phospholipase C by G-protein $\beta\gamma$ subunits in DDT1MF-2 cells. <i>European Journal of Pharmacology</i> , 1995, 288, 393-398.	2.6	13
51	Isoform $\alpha$ -selective phosphoinositide 3 $\alpha$ -kinase inhibitors induce apoptosis in chronic lymphocytic leukaemia cells. <i>British Journal of Haematology</i> , 2010, 150, 108-110.	2.5	11
52	Dopamine D <sub>1</sub> and D <sub>2</sub> Receptors Visualized in MPTP Treated C57 Mice by <i>in Vitro</i> Autoradiography: Lack of Evidence of Receptor Modifications in Parkinsonian Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1989, 65, 169-174.	0.0	4