

Katarzyna Kwiatkowska

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,213
citations

201575

27
h-index

161767

54
g-index

61
all docs

61
docs citations

61
times ranked

4176
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-operation of TLR4 and raft proteins in LPS-induced pro-inflammatory signaling. Cellular and Molecular Life Sciences, 2015, 72, 557-581.	2.4	544
2	TLR4 and CD14 trafficking and its influence on LPS-induced pro-inflammatory signaling. Cellular and Molecular Life Sciences, 2021, 78, 1233-1261.	2.4	535
3	Actin monomer binding proteins. Current Opinion in Cell Biology, 1995, 7, 102-110.	2.6	193
4	Signaling pathways in phagocytosis. BioEssays, 1999, 21, 422-431.	1.2	168
5	Cell Surface Ceramide Generation Precedes and Controls Fc γ RII Clustering and Phosphorylation in Rafts. Journal of Biological Chemistry, 2004, 279, 36778-36787.	1.6	99
6	One lipid, multiple functions: how various pools of PI(4,5)P2 are created in the plasma membrane. Cellular and Molecular Life Sciences, 2010, 67, 3927-3946.	2.4	97
7	Phosphorylation of Fc γ RIIA is required for the receptor-induced actin rearrangement and capping: the role of membrane rafts. Journal of Cell Science, 2003, 116, 537-550.	1.2	95
8	Binding of IgG-Opsonized Particles to Fc γ RIII Is an Active Stage of Phagocytosis That Involves Receptor Clustering and Phosphorylation. Journal of Immunology, 2005, 175, 4450-4457.	0.4	87
9	Protein Palmitoylation and Its Role in Bacterial and Viral Infections. Frontiers in Immunology, 2017, 8, 2003.	2.2	84
10	Species Differences Take Shape at Nanoparticles: Protein Corona Made of the Native Repertoire Assists Cellular Interaction. Environmental Science & Technology, 2013, 47, 14367-14375.	4.6	75
11	Ceramide and Ceramide 1-Phosphate Are Negative Regulators of TNF- α Production Induced by Lipopolysaccharide. Journal of Immunology, 2010, 185, 6960-6973.	0.4	72
12	Tyrosine phosphorylation and Fc γ receptor-mediated phagocytosis. FEBS Letters, 1997, 400, 11-14.	1.3	65
13	The clustered Fc γ receptor II is recruited to Lyn-containing membrane domains and undergoes phosphorylation in a cholesterol-dependent manner. European Journal of Immunology, 2001, 31, 989-998.	1.6	65
14	β -Thymosins Are Not Simple Actin Monomer Buffering Proteins. Journal of Biological Chemistry, 1996, 271, 9223-9230.	1.6	58
15	Lyn and Syk Kinases Are Sequentially Engaged in Phagocytosis Mediated by Fc γ R. Journal of Immunology, 2002, 169, 6787-6794.	0.4	53
16	How <i>Mycobacterium tuberculosis</i> subverts host immune responses. BioEssays, 2008, 30, 943-954.	1.2	52
17	Ca ²⁺ -dependent Translocation of the Calcyclin-binding Protein in Neurons and Neuroblastoma NB-2a Cells. Journal of Biological Chemistry, 2002, 277, 21103-21109.	1.6	51
18	Lysenin-His, a sphingomyelin-recognizing toxin, requires tryptophan 20 for cation-selective channel assembly but not for membrane binding. Molecular Membrane Biology, 2007, 24, 121-134.	2.0	46

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19	Sphingomyelin-rich domains are sites of lysenin oligomerization: Implications for raft studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 471-481.	1.4	44
20	LPS induces phosphorylation of actin-regulatory proteins leading to actin reassembly and macrophage motility. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 80-92.	1.2	44
21	Flotillins: At the Intersection of Protein S-Palmitoylation and Lipid-Mediated Signaling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2283.	1.8	41
22	Lipopolysaccharide Upregulates Palmitoylated Enzymes of the Phosphatidylinositol Cycle: An Insight from Proteomic Studies. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 233-254.	2.5	39
23	<i>Mycobacterium tuberculosis</i> lipoarabinomannan enhances LPS-induced TNF- α production and inhibits NO secretion by engaging scavenger receptors. <i>Microbial Pathogenesis</i> , 2011, 50, 350-359.	1.3	37
24	CD14 Mediates Binding of High Doses of LPS but Is Dispensable for TNF- α Production. <i>Mediators of Inflammation</i> , 2013, 2013, 1-12.	1.4	35
25	Curcumin induces apoptosis of multidrug-resistant human leukemia HL60 cells by complex pathways leading to ceramide accumulation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 1672-1682.	1.2	35
26	Visualization of cholesterol deposits in lysosomes of Niemann-Pick type C fibroblasts using recombinant perfringolysin O. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 64.	1.2	31
27	Syk kinase, tyrosine-phosphorylated proteins and actin filaments accumulate at forming phagosomes during Fc γ 3 receptor-mediated phagocytosis. <i>J Biol Chem</i> , 1997, 272, 287-296.		28
28	Insights into the Association of Fc γ RII and TCR with Detergent-Resistant Membrane Domains: Isolation of the Domains in Detergent-Free Density Gradients Facilitates Membrane Fragment Reconstitution. <i>Biochemistry</i> , 2003, 42, 5358-5367.	1.2	27
29	Secondary structure and orientation of the pore-forming toxin lysenin in a sphingomyelin-containing membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 872-879.	1.4	23
30	An interplay between scavenger receptor A and CD14 during activation of J774 cells by high concentrations of LPS. <i>Immunobiology</i> , 2013, 218, 1217-1226.	0.8	23
31	LPS-induced clustering of CD14 triggers generation of PI(4,5)P2. <i>Journal of Cell Science</i> , 2015, 128, 4096-111.	1.2	22
32	Ceramide generation during curcumin-induced apoptosis is controlled by crosstalk among Bcl-2, Bcl-xL, caspases and glutathione. <i>Cellular Signalling</i> , 2015, 27, 2220-2230.	1.7	22
33	Contribution of CD14 and TLR4 to changes of the PI(4,5)P2 level in LPS-stimulated cells. <i>Journal of Leukocyte Biology</i> , 2016, 100, 1363-1373.	1.5	22
34	Contribution of PIP-5 kinase to raft-based Fc γ RIIA signaling. <i>Experimental Cell Research</i> , 2009, 315, 981-995.	1.2	21
35	Cell surface ceramide controls translocation of transferrin receptor to clathrin-coated pits. <i>Cellular Signalling</i> , 2012, 24, 677-684.	1.7	19
36	Modification of pro-inflammatory signaling by dietary components: The plasma membrane as a target. <i>BioEssays</i> , 2015, 37, 789-801.	1.2	18

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37	Association of Lyn kinase with membrane rafts determines its negative influence on LPS-induced signaling. <i>Molecular Biology of the Cell</i> , 2017, 28, 1147-1159.	0.9	18
38	Activated Fc γ RII and signalling molecules revealed in rafts by ultra-structural observations of plasma-membrane sheets. <i>Molecular Membrane Biology</i> , 2004, 21, 101-108.	2.0	18
39	Actin-binding proteins involved in the capping of epidermal growth factor receptors in A431 cells. <i>Experimental Cell Research</i> , 1991, 196, 255-263.	1.2	17
40	Fc γ RII Activation Induces Cell Surface Ceramide Production which Participates in the Assembly of the Receptor Signaling Complex. <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 347-356.	1.1	17
41	Crucial Role of Perfringolysin O D1 Domain in Orchestrating Structural Transitions Leading to Membrane-perforating Pores. <i>Journal of Biological Chemistry</i> , 2014, 289, 28738-28752.	1.6	16
42	Expression of PI(4,5)P ₂ -binding proteins lowers the PI(4,5)P ₂ level and inhibits Fc γ RII-mediated cell spreading and phagocytosis. <i>European Journal of Immunology</i> , 2008, 38, 260-272.	1.6	15
43	Toll-Like Receptors and their Contribution to Innate Immunity: Focus on TLR4 Activation by Lipopolysaccharide. <i>Advances in Cell Biology</i> , 2014, 4, 1-23.	1.5	14
44	Tyrosine phosphorylation/dephosphorylation controls capping of Fc γ receptor II in U937 cells. <i>Cytoskeleton</i> , 1999, 42, 298-314.	4.4	12
45	Engagement of Spectrin and Actin in Capping of Fc γ RII Revealed by Studies on Permeabilized U937 Cells. <i>Biochemical and Biophysical Research Communications</i> , 1999, 259, 287-293.	1.0	12
46	Lysophosphatidic acid up-regulates IL-10 production to inhibit TNF- α synthesis in M ϕ s stimulated with LPS. <i>Journal of Leukocyte Biology</i> , 2019, 106, 1285-1301.	1.5	11
47	Local accumulation of α -spectrin-related protein under plasma membrane during capping and phagocytosis in <i>Acanthamoeba</i> . , 1997, 36, 253-265.		10
48	Determination of cell surface expression of Toll-like receptor 4 by cellular enzyme-linked immunosorbent assay and radiolabeling. <i>Analytical Biochemistry</i> , 2011, 413, 185-191.	1.1	10
49	Sphingomyelin synthase activity affects TRIF-dependent signaling of Toll-like receptor 4 in cells stimulated with lipopolysaccharide. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158549.	1.2	10
50	UdziaÅ lipidÅw w regulacji prozapalnych szlakÅw sygnaÅwych indukowanych przez lipopolisacharyd. <i>Postepy Biochemii</i> , 2018, 64, 175-182.	0.5	10
51	240 kDa immunoanalogue of vertebrate α -spectrin occurs in <i>Paramecium</i> cells. <i>Cytoskeleton</i> , 1992, 23, 111-121.	4.4	8
52	Raft coalescence and Fc γ RII activation upon sphingomyelin clustering induced by lysenin. <i>Cellular Signalling</i> , 2012, 24, 1641-1647.	1.7	8
53	Palm Oil-Rich Diet Affects Murine Liver Proteome and S-Palmitoylome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13094.	1.8	7
54	R468A mutation in perfringolysin O destabilizes toxin structure and induces membrane fusion. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1075-1088.	1.4	6

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55	Transmembrane adaptor protein WBP1L regulates CXCR4 signalling and murine haematopoiesis. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 1980-1992.	1.6	6
56	Bis(monoacylglycero)phosphate inhibits TLR4-dependent RANTES production in macrophages. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 83, 15-26.	1.2	5
57	Insight into the Structural Dynamics of the Lysenin During Prepore-to-Pore Transition Using Hydrogen-Deuterium Exchange Mass Spectrometry. <i>Toxins</i> , 2019, 11, 462.	1.5	5
58	CD14 recycling modulates LPS-induced inflammatory responses of murine macrophages. <i>Traffic</i> , 2022, 23, 310-330.	1.3	5
59	Threonine 454 phosphorylation in Grainyhead-like 3 is important for its function and regulation by the p38 MAPK pathway. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1002-1011.	1.9	2
60	Fine-tuning of the stability of Î²-strands by Y181 in perfringolysin O directs the prepore to pore transition. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 110-122.	1.4	1