

# Jana Stankova

## List of Publications by Year in descending order

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54  
papers

1,625  
citations

236925

25  
h-index

289244

40  
g-index

54  
all docs

54  
docs citations

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times ranked

1781  
citing authors

#	ARTICLE	IF	CITATIONS
1	CysLT1 receptor upregulation by TGF- $\beta^2$ and IL-13 is associated with bronchial smooth muscle cell proliferation in response to LTD4. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 111, 1032-1040.	2.9	174
2	IL-13 and IL-4 Up-Regulate Cysteinyl Leukotriene 1 Receptor Expression in Human Monocytes and Macrophages. <i>Journal of Immunology</i> , 2001, 167, 2855-2860.	0.8	151
3	IL-5 Up-Regulates Cysteinyl Leukotriene 1 Receptor Expression in HL-60 Cells Differentiated into Eosinophils. <i>Journal of Immunology</i> , 2000, 165, 5221-5226.	0.8	74
4	Trafficking, Ubiquitination, and Down-regulation of the Human Platelet-activating Factor Receptor. <i>Journal of Biological Chemistry</i> , 2003, 278, 48228-48235.	3.4	71
5	Structural and Functional Requirements for Agonist-induced Internalization of the Human Platelet-activating Factor Receptor. <i>Journal of Biological Chemistry</i> , 1997, 272, 21289-21295.	3.4	58
6	Signalling through the leukotriene B4 receptor involves both $\text{G}\alpha_i$ and $\text{G}\alpha_{16}$ , but not $\text{G}\alpha_q$ or $\text{G}\alpha_{11}$ G-protein subunits. <i>Biochemical Journal</i> , 1998, 335, 15-18.	3.7	57
7	G-protein-independent Activation of Tyk2 by the Platelet-activating Factor Receptor. <i>Journal of Biological Chemistry</i> , 2001, 276, 24113-24121.	3.4	54
8	Modulation of Leukotriene B4 Receptor-1 Expression by Dexamethasone: Potential Mechanism for Enhanced Neutrophil Survival. <i>Journal of Immunology</i> , 2002, 168, 3570-3576.	0.8	54
9	Selective Modulation of Wild Type Receptor Functions by Mutants of G-Protein-coupled Receptors. <i>Journal of Biological Chemistry</i> , 1999, 274, 12548-12554.	3.4	52
10	CysLT1 Receptor Engagement Induces Activator Protein-1 and NF- $\kappa$ B-Dependent IL-8 Expression. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 35, 697-704.	2.9	52
11	IL-10 up-regulates CCR5 gene expression in human monocytes. <i>Cellular and Molecular Neurobiology</i> , 1998, 18, 683-694.	3.3	48
12	PAF activation of a voltage-gated $\text{Ca}^{2+}$ channel in human and canine aortic endothelial cells. <i>British Journal of Pharmacology</i> , 1993, 110, 519-520.	5.4	47
13	Agonist-induced Internalization of the Platelet-activating Factor Receptor Is Dependent on Arrestins but Independent of G-protein Activation. <i>Journal of Biological Chemistry</i> , 2002, 277, 7356-7362.	3.4	47
14	Toll-like receptor agonists differentially regulate cysteinyl-leukotriene receptor 1 expression and function in human dendritic cells. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, 1155-1162.	2.9	45
15	Leukotriene D4 enhances immunoglobulin production in CD40-activated human B lymphocytes. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 117, 924-930.	2.9	38
16	Expression of Platelet-Activating Factor Receptor in Human Carotid Atherosclerotic Plaques. <i>Circulation</i> , 2000, 102, 2569-2575.	1.6	37
17	Differential Signaling Pathways in Platelet-Activating Factor-Induced Proliferation and Interleukin-6 Production by Rat Vascular Smooth Muscle Cells. <i>Journal of Cardiovascular Pharmacology</i> , 1997, 30, 169-175.	1.9	37
18	Deficiency of Interleukin-15 Confers Resistance to Obesity by Diminishing Inflammation and Enhancing the Thermogenic Function of Adipose Tissues. <i>PLoS ONE</i> , 2016, 11, e0162995.	2.5	36

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19	Janus Kinase 2 Activation by the Platelet-Activating Factor Receptor (PAFR): Roles of Tyk2 and PAFR C Terminus. <i>Journal of Immunology</i> , 2003, 171, 3794-3800.	0.8	32
20	Mutations of Two Adjacent Amino Acids Generate Inactive and Constitutively Active Forms of the Human Platelet-activating Factor Receptor. <i>Journal of Biological Chemistry</i> , 1996, 271, 7949-7955.	3.4	31
21	The anti-apoptotic effect of leukotriene B4 in neutrophils: A role for phosphatidylinositol 3-kinase, extracellular signal-regulated kinase and Mcl-1. <i>Cellular Signalling</i> , 2006, 18, 479-487.	3.6	31
22	Cysteinyl Leukotrienes Pathway Genes, Atopic Asthma and Drug Response: From Population Isolates to Large Genome-Wide Association Studies. <i>Frontiers in Pharmacology</i> , 2016, 7, 299.	3.5	28
23	Mutation of an Aspartate at Position 63 in the Human Platelet-Activating Factor Receptor Augments Binding Affinity but Abolishes G-Protein-Coupling and Inositol Phosphate Production <sup>1</sup> . <i>Biochemical and Biophysical Research Communications</i> , 1996, 219, 968-975.	2.1	27
24	Identification of Transmembrane Domain Residues Determinant in the Structure-Function Relationship of the Human Platelet-activating Factor Receptor by Site-directed Mutagenesis. <i>Journal of Biological Chemistry</i> , 1996, 271, 23298-23303.	3.4	27
25	Signaling by the Cysteinyl-Leukotriene Receptor 2. <i>Journal of Biological Chemistry</i> , 2008, 283, 1974-1984.	3.4	27
26	Structural Determinants Regulating Expression of the High Affinity Leukotriene B4 Receptor. <i>Journal of Biological Chemistry</i> , 2004, 279, 10338-10345.	3.4	26
27	Platelet-activating factor stimulates interleukin-6 production by human endothelial cells and synergizes with tumor necrosis factor for enhanced production of granulocyte-macrophage colony stimulating factor. <i>Inflammation</i> , 1997, 21, 145-158.	3.8	23
28	Agonist-independent Desensitization and Internalization of the Human Platelet-activating Factor Receptor by Coumermycin-Gyrase B-induced Dimerization. <i>Journal of Biological Chemistry</i> , 2003, 278, 27956-27965.	3.4	23
29	Role of the Cys90 , Cys95 and Cys173 residues in the structure and function of the human platelet-activating factor receptor. <i>FEBS Letters</i> , 1997, 402, 203-208.	2.8	18
30	Platelet-Activating Factor Induces Th17 Cell Differentiation. <i>Mediators of Inflammation</i> , 2011, 2011, 1-12.	3.0	18
31	Activation of ERK1/2 by platelet-activating factor receptor is independent of receptor internalisation and G-protein activation. <i>Cellular Signalling</i> , 2003, 15, 843-850.	3.6	16
32	Cysteinyl-Leukotriene Receptor Type 1 Expression and Function Is Down-Regulated during Monocyte-Derived Dendritic Cell Maturation with Zymosan: Involvement of IL-10 and Prostaglandins. <i>Journal of Immunology</i> , 2009, 183, 6778-6787.	0.8	16
33	Augmented expression of platelet-activating factor receptor gene by TNF- $\alpha$ through transcriptional activation in human monocytes. <i>Journal of Leukocyte Biology</i> , 1997, 61, 106-112.	3.3	15
34	Differentiation-dependent modulation of TNF production by PAF in human HL-60 myeloid leukemia cells. <i>Journal of Leukocyte Biology</i> , 1992, 51, 609-616.	3.3	13
35	Natural killer and lectin-dependent cytotoxic activities of kurloff cells: Target cell selectivity, conjugate formation, and Ca <sup>++</sup> dependency. <i>Inflammation</i> , 1996, 20, 647-671.	3.8	12
36	Cytokine-Leukotriene Receptor Interactions. <i>Scientific World Journal</i> , The, 2007, 7, 1348-1358.	2.1	12

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37	Caveolae Facilitate but Are Not Essential for Platelet-Activating Factor-Mediated Calcium Mobilization and Extracellular Signal-Regulated Kinase Activation. <i>Journal of Immunology</i> , 2009, 183, 2747-2757.	0.8	12
38	Differential Signaling Defects Associated with the M201V Polymorphism in the Cysteinyl Leukotriene Type 2 Receptor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 336, 431-439.	2.5	10
39	Regulation of platelet-activating factor-mediated interleukin-6 promoter activation by the 48ÅkDa but not the 45ÅkDa isoform of protein tyrosine phosphatase non-receptor type 2. <i>Cell and Bioscience</i> , 2019, 9, 51.	4.8	10
40	Constitutively active Stat5b signaling confers tolerogenic functions to dendritic cells of NOD mice and halts diabetes progression. <i>Journal of Autoimmunity</i> , 2017, 76, 63-74.	6.5	9
41	IL-33 Upregulates Cysteinyl Leukotriene Receptor Type 1 Expression in Human Peripheral Blood CD4+ T Lymphocytes. <i>Journal of Immunology</i> , 2018, 201, 2787-2798.	0.8	8
42	Regulation of platelet-activating factor-induced interleukin-8 expression by protein tyrosine phosphatase 1B. <i>Cell Communication and Signaling</i> , 2019, 17, 21.	6.5	8
43	Differential Contribution of BLT <sub>1</sub> and BLT <sub>2</sub> to Leukotriene B <sub>4</sub> -Induced Human NK Cell Cytotoxicity and Migration. <i>Mediators of Inflammation</i> , 2015, 2015, 1-13.	3.0	7
44	Regulation of platelet-activating factor-mediated protein tyrosine phosphatase 1B activation by a Janus kinase 2/calpain pathway. <i>PLoS ONE</i> , 2017, 12, e0180336.	2.5	6
45	Rescue of internalization-defective platelet-activating factor receptor function by EBP50/NHERF1. <i>Journal of Cell Communication and Signaling</i> , 2012, 6, 205-216.	3.4	5
46	Enhanced Cysteinyl-Leukotriene Type 1 Receptor Expression in T Cells from House Dust Mite-Allergic Individuals following Stimulation with Der p. <i>Journal of Immunology Research</i> , 2015, 2015, 1-11.	2.2	5
47	RPTPμ promotes M2-polarized macrophage migration through ROCKII signaling and podosome formation. <i>Journal of Cell Science</i> , 2019, 133, .	2.0	5
48	Fucose-activated killer cells. I. Enhanced TNF-α mRNA accumulation and protein production. <i>Journal of Leukocyte Biology</i> , 1992, 52, 188-196.	3.3	4
49	Cellular signalling of cysteinyl leukotriene type 1 receptor variants CysLT1-G300S and CysLT1-I206S. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016, 105, 1-8.	2.2	3
50	Measuring GPCR-Induced Activation of Protein Tyrosine Phosphatases (PTP) Using In-Gel and Colorimetric PTP Assays. <i>Methods in Molecular Biology</i> , 2019, 1947, 241-256.	0.9	2
51	Role of Protein Tyrosine Phosphatase Epsilon (PTPμ) in Leukotriene D4-Induced CXCL8 Expression. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 369, 270-281.	2.5	2
52	Platelet-Activating Factor Induces Dual-Specificity Phosphatase 1 and 5 Gene Expression. <i>Pharmacology &amp; Pharmacy</i> , 2015, 06, 442-450.	0.7	2
53	Platelet-activating factor receptor: differential regulation and signaling by agonists and inverse agonists. <i>International Congress Series</i> , 2003, 1249, 185-194.	0.2	0
54	Functional variants of the cysteinyl leukotriene 1 and cysteinyl leukotriene 2 receptors are associated with atopic asthma. <i>FASEB Journal</i> , 2012, 26, lb555.	0.5	0