

# Katarzyna Bulek

## List of Publications by Year in descending order

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37  
papers

2,756  
citations

236925

25  
h-index

395702

33  
g-index

42  
all docs

42  
docs citations

42  
times ranked

4333  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Toll-like Interleukin-1 Receptor Member SIGIRR Regulates Colonic Epithelial Homeostasis, Inflammation, and Tumorigenesis. <i>Immunity</i> , 2007, 26, 461-475.	14.3	293
2	A critical role for IRAK4 kinase activity in Toll-like receptor-mediated innate immunity. <i>Journal of Experimental Medicine</i> , 2007, 204, 1025-1036.	8.5	227
3	Treatment with IL-17 prolongs the half-life of chemokine CXCL1 mRNA via the adaptor TRAF5 and the splicing-regulatory factor SF2 (ASF). <i>Nature Immunology</i> , 2011, 12, 853-860.	14.5	199
4	The inducible kinase IKK $\epsilon$ is required for IL-17-dependent signaling associated with neutrophilia and pulmonary inflammation. <i>Nature Immunology</i> , 2011, 12, 844-852.	14.5	174
5	The Receptor SIGIRR Suppresses Th17 Cell Proliferation via Inhibition of the Interleukin-1 Receptor Pathway and mTOR Kinase Activation. <i>Immunity</i> , 2010, 32, 54-66.	14.3	171
6	The Essential Role of Single Ig IL-1 Receptor-Related Molecule/Toll IL-1R8 in Regulation of Th2 Immune Response. <i>Journal of Immunology</i> , 2009, 182, 2601-2609.	0.8	143
7	The Critical Role of Epithelial-Derived Act1 in IL-17- and IL-25-Mediated Pulmonary Inflammation. <i>Journal of Immunology</i> , 2009, 182, 1631-1640.	0.8	130
8	Inflammation mobilizes copper metabolism to promote colon tumorigenesis via an IL-17-STEAP4-XIAP axis. <i>Nature Communications</i> , 2020, 11, 900.	12.8	108
9	IRAK-M mediates Toll-like receptor/IL-1R-induced NF- $\kappa$ B activation and cytokine production. <i>EMBO Journal</i> , 2013, 32, 583-596.	7.8	103
10	The psoriasis-associated D10N variant of the adaptor Act1 with impaired regulation by the molecular chaperone hsp90. <i>Nature Immunology</i> , 2013, 14, 72-81.	14.5	98
11	IKK $\epsilon$ negatively regulates ASC-dependent inflammasome activation. <i>Nature Communications</i> , 2014, 5, 4977.	12.8	96
12	Epithelium: the interplay between innate and Th2 immunity. <i>Immunology and Cell Biology</i> , 2010, 88, 257-268.	2.3	91
13	IL-17-receptor-associated adaptor Act1 directly stabilizes mRNAs to mediate IL-17 inflammatory signaling. <i>Nature Immunology</i> , 2018, 19, 354-365.	14.5	91
14	GSDMB is increased in IBD and regulates epithelial restitution/repair independent of pyroptosis. <i>Cell</i> , 2022, 185, 283-298.e17.	28.9	86
15	Interleukin-1 Receptor-associated Kinase 2 Is Critical for Lipopolysaccharide-mediated Post-transcriptional Control. <i>Journal of Biological Chemistry</i> , 2009, 284, 10367-10375.	3.4	83
16	HuR Is Required for IL-17-Induced Act1-Mediated CXCL1 and CXCL5 mRNA Stabilization. <i>Journal of Immunology</i> , 2013, 191, 640-649.	0.8	83
17	Epithelial-derived gasdermin D mediates nonlytic IL-1 $\beta$ release during experimental colitis. <i>Journal of Clinical Investigation</i> , 2020, 130, 4218-4234.	8.2	76
18	IL-17 induced NOTCH1 activation in oligodendrocyte progenitor cells enhances proliferation and inflammatory gene expression. <i>Nature Communications</i> , 2017, 8, 15508.	12.8	71

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19	Inactivation of the Enzyme GSK3 $\beta$ by the Kinase IKK $\beta$ Promotes AKT-mTOR Signaling Pathway that Mediates Interleukin-1-Induced Th17 Cell Maintenance. <i>Immunity</i> , 2012, 37, 800-812.	14.3	69
20	Epithelial Cell-Specific Act1 Adaptor Mediates Interleukin-25-Dependent Helminth Expulsion through Expansion of Lin <sup>+</sup> c-Kit <sup>+</sup> Innate Cell Population. <i>Immunity</i> , 2012, 36, 821-833.	14.3	68
21	Human Adaptive Immunity Rescues an Inborn Error of Innate Immunity. <i>Cell</i> , 2017, 168, 789-800.e10.	28.9	68
22	TRAF Regulation of IL-17 Cytokine Signaling. <i>Frontiers in Immunology</i> , 2019, 10, 1293.	4.8	52
23	TLR5 participates in the TLR4 receptor complex and promotes MyD88-dependent signaling in environmental lung injury. <i>ELife</i> , 2020, 9, .	6.0	51
24	T Cell-Derived Act1 Is Necessary for IL-25 $\alpha$ -Mediated Th2 Responses and Allergic Airway Inflammation. <i>Journal of Immunology</i> , 2011, 187, 3155-3164.	0.8	43
25	Human Colon Tumors Express a Dominant-Negative Form of SIGIRR That Promotes Inflammation and Colitis-Associated Colon Cancer in Mice. <i>Gastroenterology</i> , 2015, 149, 1860-1871.e8.	1.3	33
26	IRAK2 directs stimulus-dependent nuclear export of inflammatory mRNAs. <i>ELife</i> , 2017, 6, .	6.0	22
27	IL-17A Recruits Rab35 to IL-17R to Mediate PKC $\delta$ -Dependent Stress Fiber Formation and Airway Smooth Muscle Contractility. <i>Journal of Immunology</i> , 2019, 202, 1540-1548.	0.8	13
28	SIGIRR, a negative regulator of colon tumorigenesis. <i>Drug Discovery Today Disease Mechanisms</i> , 2011, 8, e63-e69.	0.8	5
29	In situ detection of DNA and mRNA of human cytomegalovirus to distinguish different forms of viral infection in leukocytes.. <i>Acta Biochimica Polonica</i> , 2019, 53, 457-461.	0.5	3
30	Editorial: The IL-17 Cytokine Family in Tissue Homeostasis and Disease. <i>Frontiers in Immunology</i> , 2021, 12, 641986.	4.8	2
31	SY-16 The critical role of epithelial-derived act1 in IL-17- and IL-25-mediated pulmonary inflammation. <i>Cytokine</i> , 2008, 43, 279.	3.2	1
32	T cell-specific Act1 deficiency leads to attenuated cellular and humoral allergic responses. <i>Cytokine</i> , 2009, 48, 40-41.	3.2	1
33	SS1-2 SIGIRR protein suppresses Th17 cell proliferation via negative regulation of the Interleukin-1 receptor pathway and inhibition of mTOR kinase activation. <i>Cytokine</i> , 2010, 52, 11.	3.2	1
34	296. <i>Cytokine</i> , 2013, 63, 313.	3.2	1
35	174 IRAK2 is critical for LPS-mediated post-transcriptional control. <i>Cytokine</i> , 2008, 43, 281.	3.2	0
36	CS10-3. IKK $\beta$ is required for interleukin 17-dependent signaling associated with neutrophilia and pulmonary inflammation. <i>Cytokine</i> , 2011, 56, 58.	3.2	0

#	ARTICLE	IF	CITATIONS
37	TLR5 Participates in the TLR4 Receptor Complex and Biases Towards MyD88-Dependent Signaling in Environmental Lung Injury. SSRN Electronic Journal, 0, , .	0.4	0