

# Andrei E Medvedev

## List of Publications by Year in descending order

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36  
papers

3,495  
citations

236612

25  
h-index

360668

35  
g-index

37  
all docs

37  
docs citations

37  
times ranked

4658  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Lipopolysaccharide-Induced Signal Transduction in Endotoxin-Tolerized Mouse Macrophages: Dysregulation of Cytokine, Chemokine, and Toll-Like Receptor 2 and 4 Gene Expression. <i>Journal of Immunology</i> , 2000, 164, 5564-5574.	0.4	472
2	Induction of In Vitro Reprogramming by Toll-Like Receptor (TLR)2 and TLR4 Agonists in Murine Macrophages: Effects of TLR Homotolerance Versus Heterotolerance on NF- $\kappa$ B Signaling Pathway Components. <i>Journal of Immunology</i> , 2003, 170, 508-519.	0.4	291
3	Dysregulation of LPS-Induced Toll-Like Receptor 4-MyD88 Complex Formation and IL-1 Receptor-Associated Kinase 1 Activation in Endotoxin-Tolerant Cells. <i>Journal of Immunology</i> , 2002, 169, 5209-5216.	0.4	266
4	Distinct Mutations in IRAK-4 Confer Hyporesponsiveness to Lipopolysaccharide and Interleukin-1 in a Patient with Recurrent Bacterial Infections. <i>Journal of Experimental Medicine</i> , 2003, 198, 521-531.	4.2	266
5	Analysis of TLR4 Polymorphic Variants: New Insights into TLR4/MD-2/CD14 Stoichiometry, Structure, and Signaling. <i>Journal of Immunology</i> , 2006, 177, 322-332.	0.4	233
6	Molecular mechanisms of regulation of Toll-like receptor signaling. <i>Journal of Leukocyte Biology</i> , 2016, 100, 927-941.	1.5	221
7	Tolerance to microbial TLR ligands: molecular mechanisms and relevance to disease. <i>Journal of Endotoxin Research</i> , 2006, 12, 133-150.	2.5	180
8	Tobacco Smoking Inhibits Expression of Proinflammatory Cytokines and Activation of IL-1R-Associated Kinase, p38, and NF- $\kappa$ B in Alveolar Macrophages Stimulated with TLR2 and TLR4 Agonists. <i>Journal of Immunology</i> , 2007, 179, 6097-6106.	0.4	170
9	Role of TLR4 Tyrosine Phosphorylation in Signal Transduction and Endotoxin Tolerance. <i>Journal of Biological Chemistry</i> , 2007, 282, 16042-16053.	1.6	167
10	Endotoxin tolerance dysregulates MyD88- and Toll/IL-1R domain-containing adapter inducing IFN- $\gamma$ -dependent pathways and increases expression of negative regulators of TLR signaling. <i>Journal of Leukocyte Biology</i> , 2009, 86, 863-875.	1.5	115
11	The Asp299Gly Polymorphism Alters TLR4 Signaling by Interfering with Recruitment of MyD88 and TRIF. <i>Journal of Immunology</i> , 2012, 188, 4506-4515.	0.4	114
12	Toll-Like Receptor Polymorphisms, Inflammatory and Infectious Diseases, Allergies, and Cancer. <i>Journal of Interferon and Cytokine Research</i> , 2013, 33, 467-484.	0.5	107
13	Induction of endotoxin tolerance in vivo inhibits activation of IRAK4 and increases negative regulators IRAK-M, SHIP-1, and A20. <i>Journal of Leukocyte Biology</i> , 2011, 90, 1141-1148.	1.5	100
14	Endotoxin Tolerance Impairs IL-1 Receptor-Associated Kinase (IRAK) 4 and TGF- $\beta$ -activated Kinase 1 Activation, K63-linked Polyubiquitination and Assembly of IRAK1, TNF Receptor-associated Factor 6, and $\kappa$ B Kinase $\beta$ 3 and Increases A20 Expression. <i>Journal of Biological Chemistry</i> , 2011, 286, 7905-7916.	1.6	80
15	Long Noncoding RNAs in Host-Pathogen Interactions. <i>Trends in Immunology</i> , 2019, 40, 492-510.	2.9	73
16	Tyrosine Phosphorylation of MyD88 Adapter-like (Mal) Is Critical for Signal Transduction and Blocked in Endotoxin Tolerance. <i>Journal of Biological Chemistry</i> , 2008, 283, 3109-3119.	1.6	63
17	R753Q Polymorphism Inhibits Toll-like Receptor (TLR) 2 Tyrosine Phosphorylation, Dimerization with TLR6, and Recruitment of Myeloid Differentiation Primary Response Protein 88. <i>Journal of Biological Chemistry</i> , 2012, 287, 38327-38337.	1.6	63
18	Cutting Edge: Expression of IL-1 Receptor-Associated Kinase-4 (IRAK-4) Proteins with Mutations Identified in a Patient with Recurrent Bacterial Infections Alters Normal IRAK-4 Interaction with Components of the IL-1 Receptor Complex. <i>Journal of Immunology</i> , 2005, 174, 6587-6591.	0.4	56

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19	Long noncoding RNAs as regulators of Toll-like receptor signaling and innate immunity. <i>Journal of Leukocyte Biology</i> , 2016, 99, 839-850.	1.5	53
20	E3 ubiquitin ligases Pellinos as regulators of pattern recognition receptor signaling and immune responses. <i>Immunological Reviews</i> , 2015, 266, 109-122.	2.8	49
21	Pellino-1 Positively Regulates Toll-like Receptor (TLR) 2 and TLR4 Signaling and Is Suppressed upon Induction of Endotoxin Tolerance. <i>Journal of Biological Chemistry</i> , 2015, 290, 19218-19232.	1.6	42
22	Involvement of TLR2 and TLR4 in cell responses to <i>Rickettsia akari</i> . <i>Journal of Leukocyte Biology</i> , 2010, 88, 675-685.	1.5	37
23	Overexpression of CD14, TLR4, and MD-2 in HEK 293T cells does not prevent induction of in vitro endotoxin tolerance. <i>Journal of Endotoxin Research</i> , 2003, 9, 60-64.	2.5	36
24	Mutations in TLR4 signaling that lead to increased susceptibility to infection in humans: an overview. <i>Journal of Endotoxin Research</i> , 2005, 11, 333-339.	2.5	27
25	The R753Q polymorphism in Toll-like receptor 2 (TLR2) attenuates innate immune responses to mycobacteria and impairs MyD88 adapter recruitment to TLR2. <i>Journal of Biological Chemistry</i> , 2017, 292, 10685-10695.	1.6	25
26	Pellino-3 promotes endotoxin tolerance and acts as a negative regulator of TLR2 and TLR4 signaling. <i>Journal of Leukocyte Biology</i> , 2015, 98, 963-974.	1.5	24
27	Pathogenic Old World Arenaviruses Inhibit TLR2/Mal-Dependent Proinflammatory Cytokines <i>in Vitro</i> . <i>Journal of Virology</i> , 2012, 86, 7216-7226.	1.5	23
28	Long Non-coding RNA LincRNA-EPS Inhibits Host Defense Against <i>Listeria monocytogenes</i> Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 481.	1.8	23
29	Deficiency in IRAK4 activity attenuates manifestations of murine Lupus. <i>European Journal of Immunology</i> , 2017, 47, 880-891.	1.6	19
30	A mouse model of human TLR4 D299G/T399I SNPs reveals mechanisms of altered LPS and pathogen responses. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	19
31	IRAK4 kinase activity is not required for induction of endotoxin tolerance but contributes to TLR2-mediated tolerance. <i>Journal of Leukocyte Biology</i> , 2013, 94, 291-300.	1.5	18
32	IRAK4 activity controls immune responses to intracellular bacteria <i>Listeria monocytogenes</i> and <i>Mycobacterium smegmatis</i> . <i>Journal of Leukocyte Biology</i> , 2018, 104, 811-820.	1.5	17
33	Endotoxin Tolerance Inhibits Lyn and c-Src Phosphorylation and Association with Toll-Like Receptor 4 but Increases Expression and Activity of Protein Phosphatases. <i>Journal of Innate Immunity</i> , 2016, 8, 171-184.	1.8	15
34	Analysis of the Functional Role of Toll-Like Receptor-4 Tyrosine Phosphorylation. <i>Methods in Molecular Biology</i> , 2009, 517, 145-167.	0.4	1
35	Tyrosine Phosphorylation of MAL in TLR4 Signaling and Endotoxin Tolerance. <i>FASEB Journal</i> , 2008, 22, 672.26.	0.2	0
36	Endotoxin Tolerance Dysregulates MyD88-Dependent and TRIF-Dependent Signaling Pathways and Increases Expression of Negative Regulators of TLR Signaling. <i>FASEB Journal</i> , 2008, 22, 672.16.	0.2	0