

Vladimir Y Toshchakov

List of Publications by Year in descending order

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26
papers

2,752
citations

394421

19
h-index

526287

27
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28
all docs

28
docs citations

28
times ranked

3607
citing authors

#	ARTICLE	IF	CITATIONS
1	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, .	8.5	19
2	Frontline Science: Targeting the TLR7 signalosome assembly. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1697-1706.	3.3	2
3	Targeting the TLR signalosome with TIR domain-derived cell-permeable decoy peptides: the current state and perspectives. <i>Innate Immunity</i> , 2020, 26, 35-47.	2.4	8
4	A survey of TIR domain sequence and structure divergence. <i>Immunogenetics</i> , 2020, 72, 181-203.	2.4	31
5	Blocking TIR Domain Interactions in TLR9 Signaling. <i>Journal of Immunology</i> , 2018, 201, 995-1006.	0.8	13
6	Differential adapter recruitment by TLR2 co-receptors. <i>Pathogens and Disease</i> , 2016, 74, ftw043.	2.0	17
7	A Decoy Peptide that Disrupts TIRAP Recruitment to TLRs Is Protective in a Murine Model of Influenza. <i>Cell Reports</i> , 2015, 11, 1941-1952.	6.4	58
8	Inhibition of TLR2 signaling by small molecule inhibitors targeting a pocket within the TLR2 TIR domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5455-5460.	7.1	124
9	Application of phasor plot and autofluorescence correction for study of heterogeneous cell population. <i>Journal of Biomedical Optics</i> , 2014, 19, 046017.	2.6	22
10	Imaging of Protein Secretion from a Single Cell Using Plasmonic Substrates. <i>BioNanoScience</i> , 2013, 3, 30-36.	3.5	14
11	Inhibition of TLR4 Signaling by TRAM-Derived Decoy Peptides In Vitro and In Vivo. <i>Journal of Immunology</i> , 2013, 190, 2263-2272.	0.8	44
12	Recruitment of TLR adapter TRIF to TLR4 signaling complex is mediated by the second helical region of TRIF TIR domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19036-19041.	7.1	47
13	Targeting Toll-like Receptor (TLR) Signaling by Toll/Interleukin-1 Receptor (TIR) Domain-containing Adapter Protein/MyD88 Adapter-like (TIRAP/Mal)-derived Decoy Peptides. <i>Journal of Biological Chemistry</i> , 2012, 287, 24641-24648.	3.4	67
14	TRAF6 Protein Couples Toll-like Receptor 4 Signaling to Src Family Kinase Activation and Opening of Paracellular Pathway in Human Lung Microvascular Endothelia. <i>Journal of Biological Chemistry</i> , 2012, 287, 16132-16145.	3.4	42
15	Targeting TLR4 Signaling by TLR4 Toll/IL-1 Receptor Domain-Derived Decoy Peptides: Identification of the TLR4 Toll/IL-1 Receptor Domain Dimerization Interface. <i>Journal of Immunology</i> , 2011, 186, 4819-4827.	0.8	72
16	Analysis of Proteinase-activated Receptor 2 and TLR4 Signal Transduction. <i>Journal of Biological Chemistry</i> , 2008, 283, 24314-24325.	3.4	122
17	Cutting Edge: Differential Inhibition of TLR Signaling Pathways by Cell-Permeable Peptides Representing BB Loops of TLRs. <i>Journal of Immunology</i> , 2007, 178, 2655-2660.	0.8	72
18	Role of Phosphatidylinositol-3 Kinase in Transcriptional Regulation of TLR-Induced IL-12 and IL-10 by Fc̳ ₃ Receptor Ligation in Murine Macrophages. <i>Journal of Immunology</i> , 2007, 179, 236-246.	0.8	59

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19	Cell-penetrating TIR BB loop decoy peptides. <i>Expert Opinion on Biological Therapy</i> , 2007, 7, 1035-1050.	3.1	42
20	Differential Involvement of BB Loops of Toll-IL-1 Resistance (TIR) Domain-Containing Adapter Proteins in TLR4- versus TLR2-Mediated Signal Transduction. <i>Journal of Immunology</i> , 2005, 175, 494-500.	0.8	82
21	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- κ B Signaling Pathway Components. <i>Journal of Immunology</i> , 2003, 170, 508-519.	0.8	291
22	Toll-like Receptors 2 and 4 Activate STAT1 Serine Phosphorylation by Distinct Mechanisms in Macrophages. <i>Journal of Biological Chemistry</i> , 2003, 278, 22506-22512.	3.4	93
23	TLR2 and TLR4 agonists stimulate unique repertoires of host resistance genes in murine macrophages: interferon- γ -dependent signaling in TLR4-mediated responses. <i>Journal of Endotoxin Research</i> , 2003, 9, 169-175.	2.5	17
24	TLR4, but not TLR2, mediates IFN- γ -induced STAT1 β -dependent gene expression in macrophages. <i>Nature Immunology</i> , 2002, 3, 392-398.	14.5	753
25	Signaling by Toll-Like Receptor 2 and 4 Agonists Results in Differential Gene Expression in Murine Macrophages. <i>Infection and Immunity</i> , 2001, 69, 1477-1482.	2.2	608
26	Investigation of Possible Participation of Nucleoside Transport Systems in the Postischemic Release of Purines and Pyrimidines from Cold Stored Liver. <i>Cryobiology</i> , 1999, 38, 261-272.	0.7	2