

# Sachiko Akashi-Takamura

## List of Publications by Citations

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**Version:** 2024-04-28

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22  
papers

799  
citations

10  
h-index

23  
g-index

23  
ext. papers

911  
ext. citations

5.3  
avg, IF

3.64  
L-index

#	Paper	IF	Citations
22	Roles for LPS-dependent interaction and relocation of TLR4 and TRAM in TRIF-signaling. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 368, 94-9	3.4	173
21	TLR accessory molecules. <i>Current Opinion in Immunology</i> , <b>2008</b> , 20, 420-5	7.8	153
20	Regulatory roles for MD-2 and TLR4 in ligand-induced receptor clustering. <i>Journal of Immunology</i> , <b>2006</b> , 176, 6211-8	5.3	138
19	A protein associated with toll-like receptor 4 (PRAT4A) regulates cell surface expression of TLR4. <i>Journal of Immunology</i> , <b>2006</b> , 177, 1772-9	5.3	87
18	TLR4-MD-2 complex is negatively regulated by an endogenous ligand, globotetraosylceramide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 4714-9	11.5	54
17	The attenuated inflammation of MPL is due to the lack of CD14-dependent tight dimerization of the TLR4/MD2 complex at the plasma membrane. <i>International Immunology</i> , <b>2014</b> , 26, 307-14	4.9	39
16	Toll-like receptors (TLRs) and immune disorders. <i>Journal of Infection and Chemotherapy</i> , <b>2006</b> , 12, 233-40.	4.2	29
15	Agonistic antibody to TLR4/MD-2 protects mice from acute lethal hepatitis induced by TNF-alpha. <i>Journal of Immunology</i> , <b>2006</b> , 176, 4244-51	5.3	26
14	A single base mutation in the PRAT4A gene reveals differential interaction of PRAT4A with Toll-like receptors. <i>International Immunology</i> , <b>2008</b> , 20, 1407-15	4.9	25
13	Core fucose is critical for CD14-dependent Toll-like receptor 4 signaling. <i>Glycobiology</i> , <b>2017</b> , 27, 1006-1015	3.5	20
12	Neutralizing Antibodies Induced by Gene-Based Hydrodynamic Injection Have a Therapeutic Effect in Lethal Influenza Infection. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 47	8.4	8
11	Broadly Neutralizing Antibodies for Influenza: Passive Immunotherapy and Intranasal Vaccination. <i>Vaccines</i> , <b>2020</b> , 8,	5.3	7
10	Phospholipase A2 from bee venom increases poly(I:C)-induced activation in human keratinocytes. <i>International Immunology</i> , <b>2020</b> , 32, 371-383	4.9	6
9	Delayed liver regeneration in C3H/HeJ mice: possible involvement of haemodynamic and structural changes in the hepatic microcirculation. <i>Experimental Physiology</i> , <b>2016</b> , 101, 1492-1505	2.4	6
8	Neutralizing Anti-Hemagglutinin Monoclonal Antibodies Induced by Gene-Based Transfer Have Prophylactic and Therapeutic Effects on Influenza Virus Infection. <i>Vaccines</i> , <b>2018</b> , 6,	5.3	5
7	Epithelial membrane protein 3 (Emp3) downregulates induction and function of cytotoxic T lymphocytes by macrophages via TNF- $\alpha$ production. <i>Cellular Immunology</i> , <b>2018</b> , 324, 33-41	4.4	5
6	C4b-binding protein negatively regulates TLR4/MD-2 response but not TLR3 response. <i>FEBS Letters</i> , <b>2017</b> , 591, 1732-1741	3.8	4

5	Receptor-destroying enzyme (RDE) from modulates IgE activity and reduces the initiation of anaphylaxis. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 6659-6669	5-4	4
4	Funiculosin variants and phosphorylated derivatives promote innate immune responses via the Toll-like receptor 4/myeloid differentiation factor-2 complex. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 15378-15394	5-4	4
3	Inflammatory responses increase secretion of MD-1 protein. <i>International Immunology</i> , <b>2016</b> , 28, 503-514.	5-9	4
2	A Novel Gene Delivery Vector of Agonistic Anti-Radioprotective 105 Expressed on Cell Membranes Shows Adjuvant Effect for DNA Immunization Against Influenza. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 606518	8-4	1
1	Detection of Urinary Antibodies and Its Application in Epidemiological Studies for Parasitic Diseases. <i>Vaccines</i> , <b>2021</b> , 9,	5-3	1