Monique Gangloff

List of Publications by Year
in descending order

36 papers	3,183 citations	257450 24 h-index	315739 38 g-index
40 all docs	40 docs citations	40 times ranked	5006 citing authors

#	Article	IF	Citations
1	Saturation of acyl chains converts cardiolipin from an antagonist to an activator of Toll-like receptor-4. Cellular and Molecular Life Sciences, 2019, 76, 3667-3678.	5.4	31
2	IIV-6 Inhibits NF-ÎºB Responses in Drosophila. Viruses, 2019, 11, 409.	3.3	11
3	Immunogenicity Testing of Lipidoids InÂVitro and In Silico: Modulating Lipidoid-Mediated TLR4 Activation by Nanoparticle Design. Molecular Therapy - Nucleic Acids, 2018, 11, 159-169.	5.1	27
4	Three-tier regulation of cell number plasticity by neurotrophins and Tolls in <i>Drosophila</i>. Journal of Cell Biology, 2017, 216, 1421-1438.	5.2	32
5	Toll-like receptor 2 promiscuity is responsible for the immunostimulatory activity of nucleic acid nanocarriers. Journal of Controlled Release, 2017, 247, 182-193.	9.9	13
6	Peptidoglycan-Sensing Receptors Trigger the Formation of Functional Amyloids of the Adaptor Protein Imd to Initiate Drosophila NF-ÎºB Signaling. Immunity, 2017, 47, 635-647.e6.	14.3	63
7	Bioinformatic Analysis of Toll-Like Receptor Sequences and Structures. Methods in Molecular Biology, 2016, 1390, 29-39.	0.9	3
8	Critical residues involved in Toll-like receptor 4 activation by cationic lipid nanocarriers are not located at the lipopolysaccharide-binding interface. Cellular and Molecular Life Sciences, 2015, 72, 3971-3982.	5.4	28
9	Assembly and localization of Toll-like receptor signalling complexes. Nature Reviews Immunology, 2014, 14, 546-558.	22.7	653
10	Identification of Key Residues That Confer Rhodobacter sphaeroides LPS Activity at Horse TLR4/MD-2. PLoS ONE, 2014, 9, e98776.	2.5	17
11	The molecular basis for recognition of bacterial ligands at equine TLR2, TLR1 and TLR6. Veterinary Research, 2013, 44, 50.	3.0	32
12	Liesegang-like patterns of Toll crystals grown in gel. Journal of Applied Crystallography, 2013, 46, 337-345.	4.5	2
13	Functional Insights from the Crystal Structure of the N-Terminal Domain of the Prototypical Toll Receptor. Structure, 2013, 21, 143-153.	3.3	13
14	Cytokine SpÃtzle binds to the <i>Drosophila</i> immunoreceptor Toll with a neurotrophin-like specificity and couples receptor activation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20461-20466.	7.1	36
15	Allergens as Immunomodulatory Proteins: The Cat Dander Protein Fel d 1 Enhances TLR Activation by Lipid Ligands. Journal of Immunology, 2013, 191, 1529-1535.	0.8	85
16	Different dimerisation mode for TLR4 upon endosomal acidification?. Trends in Biochemical Sciences, 2012, 37, 92-98.	7.5	65
17	What the Myddosome structure tells us about the initiation of innate immunity. Trends in Immunology, 2011, 32, 104-109.	6.8	155
18	LPS ligand and culture additives improve production of monomeric MD-1 and 2 in Pichia pastoris by decreasing aggregation and intermolecular disulfide bonding. Protein Expression and Purification, 2011, 76, 173-183.	1.3	3

#	Article	IF	Citations
19	Molecular Mechanism That Induces Activation of SpÃtzle, the Ligand for the Drosophila Toll Receptor. Journal of Biological Chemistry, 2010, 285, 19502-19509.	3.4	72
20	The molecular basis of the host response to lipopolysaccharide. Nature Reviews Microbiology, 2010, 8, 8-14.	28.6	303
21	Bioinformatic Analysis of Toll-Like Receptor Sequences and Structures. Methods in Molecular Biology, 2009, 517, 69-79.	0.9	4
22	Cleaved thioredoxin fusion protein enables the crystallization of poorly soluble ERÎ± in complex with synthetic ligands. Acta Crystallographica Section F: Structural Biology Communications, 2008, 64, 54-57.	0.7	7
23	Baseless Assumptions: Activation of TLR9 by DNA. Immunity, 2008, 28, 293-294.	14.3	10
24	Elucidation of the MD-2/TLR4 Interface Required for Signaling by Lipid IVa. Journal of Immunology, 2008, 181, 1245-1254.	0.8	134
25	Structural Insight into the Mechanism of Activation of the Toll Receptor by the Dimeric Ligand SpÃtzle. Journal of Biological Chemistry, 2008, 283, 14629-14635.	3.4	67
26	Structure of Toll-Like Receptors. Handbook of Experimental Pharmacology, 2008, , 181-200.	1.8	20
27	Role of the SpÃtzle Pro-domain in the Generation of an Active Toll Receptor Ligand. Journal of Biological Chemistry, 2007, 282, 13522-13531.	3.4	48
28	Structure and Function of Toll Receptors and Their Ligands. Annual Review of Biochemistry, 2007, 76, 141-165.	11.1	562
29	Toll-like receptors as molecular switches. Nature Reviews Immunology, 2006, 6, 693-698.	22.7	160
30	Conserved mechanisms of signal transduction by Toll and Toll-like receptors. Journal of Endotoxin Research, 2005, 11, 294-298.	2.5	6
31	Ligand-Receptor and Receptor-Receptor Interactions Act in Concert to Activate Signaling in the Drosophila Toll Pathway. Journal of Biological Chemistry, 2005, 280, 22793-22799.	3.4	69
32	MD-2: the Toll ?gatekeeper? in endotoxin signalling. Trends in Biochemical Sciences, 2004, 29, 294-300.	7.5	95
33	Overexpression, Purification, and Crystal Structure of Native ERÎ± LBD. Protein Expression and Purification, 2001, 22, 165-173.	1.3	81
34	Different ligands-different receptor conformations: Modeling of the hER? LBD in complex with agonists and antagonists. Medicinal Research Reviews, 2001, 21, 523-539.	10.5	34
35	Crystal Structure of a Mutant hERÎ± Ligand-binding Domain Reveals Key Structural Features for the Mechanism of Partial Agonism. Journal of Biological Chemistry, 2001, 276, 15059-15065.	3.4	125
36	Estrogen receptor transcription and transactivation Structure-function relationship in DNA- and ligand-binding domains of estrogen receptors. Breast Cancer Research, 2000, 2, 353-9.	5.0	110