

Mateja ManÄek-Keber

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

4,737
citations

567281

15
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

9071
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological properties of extracellular vesicles and their physiological functions. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 27066.	12.2	3,973
2	Isolation of High-Purity Extracellular Vesicles by the Combination of Iodixanol Density Gradient Ultracentrifugation and Bind-Elute Chromatography From Blood Plasma. <i>Frontiers in Physiology</i> , 2018, 9, 1479.	2.8	153
3	Toll-like receptor 4 senses oxidative stress mediated by the oxidation of phospholipids in extracellular vesicles. <i>Science Signaling</i> , 2015, 8, ra60.	3.6	74
4	A Role for Stefin B (Cystatin B) in Inflammation and Endotoxemia. <i>Journal of Biological Chemistry</i> , 2014, 289, 31736-31750.	3.4	64
5	Disruption of disulfides within RBD of SARS-CoV-2 spike protein prevents fusion and represents a target for viral entry inhibition by registered drugs. <i>FASEB Journal</i> , 2021, 35, e21651.	0.5	44
6	Structural similarity between the hydrophobic fluorescent probe and lipid A as a ligand of MD-2. <i>FASEB Journal</i> , 2006, 20, 1836-1842.	0.5	43
7	Delivery of an Artificial Transcription Regulator dCas9-VPR by Extracellular Vesicles for Therapeutic Gene Activation. <i>ACS Synthetic Biology</i> , 2018, 7, 2715-2725.	3.8	43
8	Free Thiol Group of MD-2 as the Target for Inhibition of the Lipopolysaccharide-induced Cell Activation. <i>Journal of Biological Chemistry</i> , 2009, 284, 19493-19500.	3.4	42
9	Postulates for validating TLR4 agonists. <i>European Journal of Immunology</i> , 2015, 45, 356-370.	2.9	38
10	Extracellular vesicle-mediated transfer of constitutively active MyD88L265P engages MyD88wt and activates signaling. <i>Blood</i> , 2018, 131, 1720-1729.	1.4	36
11	MD-2 and Der p 2 – a tale of two cousins or distant relatives?. <i>Journal of Endotoxin Research</i> , 2005, 11, 186-192.	2.5	34
12	MARCKS as a Negative Regulator of Lipopolysaccharide Signaling. <i>Journal of Immunology</i> , 2012, 188, 3893-3902.	0.8	22
13	The Ectodomain of TLR3 Receptor Is Required for Its Plasma Membrane Translocation. <i>PLoS ONE</i> , 2014, 9, e92391.	2.5	19
14	Coiled-coil heterodimers with increased stability for cellular regulation and sensing SARS-CoV-2 spike protein-mediated cell fusion. <i>Scientific Reports</i> , 2021, 11, 9136.	3.3	19
15	Activation of cell membrane-localized Toll-like receptor 3 by siRNA. <i>Immunology Letters</i> , 2017, 189, 55-63.	2.5	18
16	A Nanoscaffolded Spike-RBD Vaccine Provides Protection against SARS-CoV-2 with Minimal Anti-Scaffold Response. <i>Vaccines</i> , 2021, 9, 431.	4.4	18
17	Locked and proteolysis-based transcription activator-like effector (TALE) regulation. <i>Nucleic Acids Research</i> , 2016, 44, 1471-1481.	14.5	17
18	Synergy between 15-lipoxygenase and secreted PLA2 promotes inflammation by formation of TLR4 agonists from extracellular vesicles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25679-25689.	7.1	15

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19	Inflammation-Mediating Proteases: Structure, Function in (Patho) Physiology and Inhibition. Protein and Peptide Letters, 2014, 21, 1209-1229.	0.9	14
20	Inflammation-mediating proteases: structure, function in (patho) physiology and inhibition. Protein and Peptide Letters, 2014, 21, 1209-29.	0.9	12
21	Calcium Ionophore-Induced Extracellular Vesicles Mediate Cytoprotection against Simulated Ischemia/Reperfusion Injury in Cardiomyocyte-Derived Cell Lines by Inducing Heme Oxygenase 1. International Journal of Molecular Sciences, 2020, 21, 7687.	4.1	7
22	Targeted Delivery of Adamantylated Peptidoglycan Immunomodulators in Lipid Nanocarriers: NMR Shows That Cargo Fragments Are Available on the Surface. Journal of Physical Chemistry B, 2020, 124, 4132-4145.	2.6	7
23	Vanadate from Air Pollutant Inhibits Hrs-Dependent Endosome Fusion and Augments Responsiveness to Toll-Like Receptors. PLoS ONE, 2014, 9, e99287.	2.5	6
24	Adamantane Containing Peptidoglycan Fragments Enhance RANTES and IL-6 Production in Lipopolysaccharide-Induced Macrophages. Molecules, 2020, 25, 3707.	3.8	5
25	Half is enough: Oxidized lysophospholipids as novel bioactive molecules. Free Radical Biology and Medicine, 2022, 188, 351-362.	2.9	4
26	Cleavage-Mediated Regulation of Myd88 Signaling by Inflammasome-Activated Caspase-1. Frontiers in Immunology, 2021, 12, 790258.	4.8	3