ErzsÃ©bet Ligeti

List of Publications by Year
in descending order

37 papers	12,350 citations	304602 22 h-index	330025 37 g-index
39 all docs	39 docs citations	39 times ranked	17973 citing authors

#	Article	IF	Citations
1	Neutrophils produce proinflammatory or anti-inflammatory extracellular vesicles depending on the environmental conditions. Journal of Leukocyte Biology, 2021, 109, 793-806.	1.5	37
2	Mac-1 Receptor Clustering Initiates Production of Pro-Inflammatory, Antibacterial Extracellular Vesicles From Neutrophils. Frontiers in Immunology, 2021, 12, 671995.	2.2	5
3	MICy: a Novel Flow Cytometric Method for Rapid Determination of Minimal Inhibitory Concentration. Microbiology Spectrum, 2021, 9, e0090121.	1.2	5
4	Role of Macâ€1Âintegrin in generation of extracellular vesicles with antibacterial capacity from neutrophilic granulocytes. Journal of Extracellular Vesicles, 2020, 9, 1698889.	5.5	23
5	The Functional Heterogeneity of Neutrophil-Derived Extracellular Vesicles Reflects the Status of the Parent Cell. Cells, 2020, 9, 2718.	1.8	39
6	Human Neutrophils Produce Antifungal Extracellular Vesicles against Aspergillus fumigatus. MBio, 2020, 11, .	1.8	50
7	Different Calcium and Src Family Kinase Signaling in Mac-1 Dependent Phagocytosis and Extracellular Vesicle Generation. Frontiers in Immunology, 2019, 10, 2942.	2.2	19
8	New flow cytometry-based method for the assessment of the antibacterial effect of immune cells and subcellular particles. Journal of Leukocyte Biology, 2018, 103, 955-963.	1.5	9
9	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. Journal of Extracellular Vesicles, 2018, 7, 1535750.	5.5	6,961
10	The neglected terminators: Rho family <scp>GAP</scp>s in neutrophils. European Journal of Clinical Investigation, 2018, 48, e12993.	1.7	5
11	Phosphoproteomic profiling of mouse primary HSPCs reveals new regulators of HSPC mobilization. Blood, 2016, 128, 1465-1474.	0.6	19
12	Rac GTPase Activating Protein ARHGAP25 Regulates Leukocyte Transendothelial Migration in Mice. Journal of Immunology, 2016, 197, 2807-2815.	0.4	14
13	Biological properties of extracellular vesicles and their physiological functions. Journal of Extracellular Vesicles, 2015, 4, 27066.	5.5	3,973
14	The mitochondrial phosphate carrier: Role in oxidative metabolism, calcium handling and mitochondrial disease. Biochemical and Biophysical Research Communications, 2015, 464, 369-375.	1.0	52
15	Functionally and morphologically distinct populations of extracellular vesicles produced by human neutrophilic granulocytes. Journal of Leukocyte Biology, 2015, 98, 583-589.	1.5	45
16	Role of Rac GTPase activating proteins in regulation of NADPH oxidase in human neutrophils. Free Radical Biology and Medicine, 2014, 68, 65-71.	1.3	14
17	Effect of storage on physical and functional properties of extracellular vesicles derived from neutrophilic granulocytes. Journal of Extracellular Vesicles, 2014, 3, 25465.	5.5	166
18	p190RhoGAP has cellular RacGAP activity regulated by a polybasic region. Cellular Signalling, 2013, 25, 1388-1394.	1.7	19

#	Article	IF	Citations
19	Changing world of neutrophils. Pflugers Archiv European Journal of Physiology, 2013, 465, 1521-1533.	1.3	22
20	In silico tissue-distribution of human Rho family GTPase activating proteins. Small GTPases, 2013, 4, 90-101.	0.7	26
21	Antibacterial effect of microvesicles released from human neutrophilic granulocytes. Blood, 2013, 121, 510-518.	0.6	185
22	Rho/RacGAPs. Small GTPases, 2012, 3, 178-182.	0.7	6
23	Inhibition and Termination of Physiological Responses by GTPase Activating Proteins. Physiological Reviews, 2012, 92, 237-272.	13.1	45
24	ARHGAP25, a novel Rac GTPase-activating protein, regulates phagocytosis in human neutrophilic granulocytes. Blood, 2012, 119, 573-582.	0.6	47
25	Small G proteins and their regulators in cellular signalling. Molecular and Cellular Endocrinology, 2012, 353, 10-20.	1.6	32
26	Regulation of the Substrate Preference of p190RhoGAP by Protein Kinase C-Mediated Phosphorylation of a Phospholipid Binding Site. Biochemistry, 2009, 48, 8615-8623.	1.2	41
27	The Oxidation State of Phospholipids Controls the Oxidative Burst in Neutrophil Granulocytes. Journal of Immunology, 2008, 181, 4347-4353.	0.4	34
28	p190A RhoGAP Is a Glycogen Synthase Kinase-3-Î² Substrate Required for Polarized Cell Migration. Journal of Biological Chemistry, 2008, 283, 20978-20988.	1.6	40
29	Regulation of RhoGAP Specificity by Phospholipids and Prenylation. Methods in Enzymology, 2006, 406, 104-117.	0.4	23
30	Phospholipids Can Switch the GTPase Substrate Preference of a GTPase-activating Protein. Journal of Biological Chemistry, 2004, 279, 5055-5058.	1.6	66
31	Dual role of phagocytic NADPH oxidase in bacterial killing. Blood, 2004, 104, 2947-2953.	0.6	148
32	Participation of Rac GTPase Activating Proteins in the Deactivation of the Phagocytic NADPH Oxidase. Biochemistry, 2002, 41, 10710-10716.	1.2	22
33	Role of Prenylation in the Interaction of Rho-Family Small GTPases with GTPase Activating Proteinsâ€. Biochemistry, 2001, 40, 10542-10549.	1.2	65
34	Characterization of membrane-localized and cytosolic Rac-GTPase-activating proteins in human neutrophil granulocytes: contribution to the regulation of NADPH oxidase. Biochemical Journal, 2001, 355, 851-858.	1.7	28
35	Possible role of RAC-GTPASE-activating protein in the termination of superoxide production in phagocytic cells. Free Radical Biology and Medicine, 1999, 27, 764-772.	1.3	10
36	In vitro Activation of the NADPH Oxidase by Fluoride. Possible Involvement of a Factor Activating GTP Hydrolysis on Rac (Rac-GAP). FEBS Journal, 1996, 239, 369-375.	0.2	17

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37	Activation of superoxide radical anion generating oxidase of bovine neutrophils in a cell-free system. Interaction of a cytosolic factor with the plasma membrane and control by G nucleotides. Biochemistry, 1989, 28, 7116-7123.	1.2	38