

Erzsébet Ligeti

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

12,350
citations

304368

22
h-index

329751

37
g-index

39
all docs

39
docs citations

39
times ranked

17973
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	5.5	6,961
2	Biological properties of extracellular vesicles and their physiological functions. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 27066.	5.5	3,973
3	Antibacterial effect of microvesicles released from human neutrophilic granulocytes. <i>Blood</i> , 2013, 121, 510-518.	0.6	185
4	Effect of storage on physical and functional properties of extracellular vesicles derived from neutrophilic granulocytes. <i>Journal of Extracellular Vesicles</i> , 2014, 3, 25465.	5.5	166
5	Dual role of phagocytic NADPH oxidase in bacterial killing. <i>Blood</i> , 2004, 104, 2947-2953.	0.6	148
6	Phospholipids Can Switch the GTPase Substrate Preference of a GTPase-activating Protein. <i>Journal of Biological Chemistry</i> , 2004, 279, 5055-5058.	1.6	66
7	Role of Prenylation in the Interaction of Rho-Family Small GTPases with GTPase Activating Proteins. <i>Biochemistry</i> , 2001, 40, 10542-10549.	1.2	65
8	The mitochondrial phosphate carrier: Role in oxidative metabolism, calcium handling and mitochondrial disease. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 369-375.	1.0	52
9	Human Neutrophils Produce Antifungal Extracellular Vesicles against <i>Aspergillus fumigatus</i> . <i>MBio</i> , 2020, 11, .	1.8	50
10	ARHGAP25, a novel Rac GTPase-activating protein, regulates phagocytosis in human neutrophilic granulocytes. <i>Blood</i> , 2012, 119, 573-582.	0.6	47
11	Inhibition and Termination of Physiological Responses by GTPase Activating Proteins. <i>Physiological Reviews</i> , 2012, 92, 237-272.	13.1	45
12	Functionally and morphologically distinct populations of extracellular vesicles produced by human neutrophilic granulocytes. <i>Journal of Leukocyte Biology</i> , 2015, 98, 583-589.	1.5	45
13	Regulation of the Substrate Preference of p190RhoGAP by Protein Kinase C-Mediated Phosphorylation of a Phospholipid Binding Site. <i>Biochemistry</i> , 2009, 48, 8615-8623.	1.2	41
14	p190A RhoGAP Is a Glycogen Synthase Kinase-3- β Substrate Required for Polarized Cell Migration. <i>Journal of Biological Chemistry</i> , 2008, 283, 20978-20988.	1.6	40
15	The Functional Heterogeneity of Neutrophil-Derived Extracellular Vesicles Reflects the Status of the Parent Cell. <i>Cells</i> , 2020, 9, 2718.	1.8	39
16	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. <i>Biochemistry</i> , 1989, 28, 7116-7123.	1.2	38
17	Neutrophils produce proinflammatory or anti-inflammatory extracellular vesicles depending on the environmental conditions. <i>Journal of Leukocyte Biology</i> , 2021, 109, 793-806.	1.5	37
18	The Oxidation State of Phospholipids Controls the Oxidative Burst in Neutrophil Granulocytes. <i>Journal of Immunology</i> , 2008, 181, 4347-4353.	0.4	34

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19	Small G proteins and their regulators in cellular signalling. <i>Molecular and Cellular Endocrinology</i> , 2012, 353, 10-20.	1.6	32
20	Characterization of membrane-localized and cytosolic Rac-GTPase-activating proteins in human neutrophil granulocytes: contribution to the regulation of NADPH oxidase. <i>Biochemical Journal</i> , 2001, 355, 851-858.	1.7	28
21	In silico tissue-distribution of human Rho family GTPase activating proteins. <i>Small GTPases</i> , 2013, 4, 90-101.	0.7	26
22	Regulation of RhoGAP Specificity by Phospholipids and Prenylation. <i>Methods in Enzymology</i> , 2006, 406, 104-117.	0.4	23
23	Role of Mac-1 Integrin in generation of extracellular vesicles with antibacterial capacity from neutrophilic granulocytes. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1698889.	5.5	23
24	Participation of Rac GTPase Activating Proteins in the Deactivation of the Phagocytic NADPH Oxidase. <i>Biochemistry</i> , 2002, 41, 10710-10716.	1.2	22
25	Changing world of neutrophils. <i>Pflügers Archiv European Journal of Physiology</i> , 2013, 465, 1521-1533.	1.3	22
26	p190RhoGAP has cellular RacGAP activity regulated by a polybasic region. <i>Cellular Signalling</i> , 2013, 25, 1388-1394.	1.7	19
27	Phosphoproteomic profiling of mouse primary HSPCs reveals new regulators of HSPC mobilization. <i>Blood</i> , 2016, 128, 1465-1474.	0.6	19
28	Different Calcium and Src Family Kinase Signaling in Mac-1 Dependent Phagocytosis and Extracellular Vesicle Generation. <i>Frontiers in Immunology</i> , 2019, 10, 2942.	2.2	19
29	In vitro Activation of the NADPH Oxidase by Fluoride. Possible Involvement of a Factor Activating GTP Hydrolysis on Rac (Rac-GAP). <i>FEBS Journal</i> , 1996, 239, 369-375.	0.2	17
30	Role of Rac GTPase activating proteins in regulation of NADPH oxidase in human neutrophils. <i>Free Radical Biology and Medicine</i> , 2014, 68, 65-71.	1.3	14
31	Rac GTPase Activating Protein ARHGAP25 Regulates Leukocyte Transendothelial Migration in Mice. <i>Journal of Immunology</i> , 2016, 197, 2807-2815.	0.4	14
32	Possible role of RAC-GTPASE-activating protein in the termination of superoxide production in phagocytic cells. <i>Free Radical Biology and Medicine</i> , 1999, 27, 764-772.	1.3	10
33	New flow cytometry-based method for the assessment of the antibacterial effect of immune cells and subcellular particles. <i>Journal of Leukocyte Biology</i> , 2018, 103, 955-963.	1.5	9
34	Rho/RacGAPs. <i>Small GTPases</i> , 2012, 3, 178-182.	0.7	6
35	The neglected terminators: Rho family GTPases in neutrophils. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12993.	1.7	5
36	Mac-1 Receptor Clustering Initiates Production of Pro-Inflammatory, Antibacterial Extracellular Vesicles From Neutrophils. <i>Frontiers in Immunology</i> , 2021, 12, 671995.	2.2	5

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37	MICy: a Novel Flow Cytometric Method for Rapid Determination of Minimal Inhibitory Concentration. <i>Microbiology Spectrum</i> , 2021, 9, e0090121.	1.2	5