

Kei Miyano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4259192/publications.pdf>

Version: 2024-02-01

17
papers

596
citations

840776

11
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

820
citing authors

#	ARTICLE	IF	CITATIONS
1	The NADPH Oxidase Nox3 Constitutively Produces Superoxide in a p22 -dependent Manner. Journal of Biological Chemistry, 2005, 280, 23328-23339.	3.4	165
2	Direct Involvement of the Small GTPase Rac in Activation of the Superoxide-producing NADPH Oxidase Nox1. Journal of Biological Chemistry, 2006, 281, 21857-21868.	3.4	119
3	Role of the small GTPase Rac in p22 -dependent NADPH oxidases. Biochimie, 2007, 89, 1133-1144.	2.6	84
4	DOCK2 and DOCK5 Act Additively in Neutrophils To Regulate Chemotaxis, Superoxide Production, and Extracellular Trap Formation. Journal of Immunology, 2014, 193, 5660-5667.	0.8	60
5	Arachidonic Acid Induces Direct Interaction of the p67 -Rac Complex with the Phagocyte Oxidase Nox2, Leading to Superoxide Production. Journal of Biological Chemistry, 2014, 289, 24874-24884.	3.4	37
6	Assessment of the Role for Rho Family GTPases in NADPH Oxidase Activation. Methods in Molecular Biology, 2012, 827, 195-212.	0.9	31
7	Atypical Membrane-embedded Phosphatidylinositol 3,4-Bisphosphate (PI(3,4)P2)-binding Site on p47 Phox Homology (PX) Domain Revealed by NMR. Journal of Biological Chemistry, 2012, 287, 17848-17859.	3.4	19
8	N-linked glycosylation of the superoxide-producing NADPH oxidase Nox1. Biochemical and Biophysical Research Communications, 2014, 443, 1060-1065.	2.1	16
9	Soluble Regulatory Proteins for Activation of NOX Family NADPH Oxidases. Methods in Molecular Biology, 2019, 1982, 121-137.	0.9	13
10	The NADPH oxidase NOX4 promotes the directed migration of endothelial cells by stabilizing vascular endothelial growth factor receptor 2 protein. Journal of Biological Chemistry, 2020, 295, 11877-11890.	3.4	12
11	Differential cell surface recruitment of the superoxide-producing NADPH oxidases Nox1, Nox2 and Nox5: The role of the small GTPase Sar1. Genes To Cells, 2018, 23, 480-493.	1.2	11
12	The rRNA synthesis inhibitor CX-5461 may induce autophagy that inhibits anticancer drug-induced cell damage to leukemia cells. Bioscience, Biotechnology and Biochemistry, 2020, 84, 2319-2326.	1.3	8
13	Constitutive activity of NADPH oxidase 1 (Nox1) that promotes its own activity suppresses the colon epithelial cell migration. Free Radical Research, 2020, 54, 640-648.	3.3	7
14	Coculture in vitro with endothelial cells induces cytarabine resistance of acute myeloid leukemia cells in a VEGF-A/VEGFR-2 signaling-independent manner. Biochemical and Biophysical Research Communications, 2022, 587, 78-84.	2.1	6
15	Kaposi's sarcoma-associated herpesvirus ubiquitin ligases downregulate cell surface expression of l-selectin. Journal of General Virology, 2021, 102, .	2.9	3
16	The downregulation of NADPH oxidase Nox4 during hypoxia in hemangioendothelioma cells: a possible role of p22^{phox} on Nox4 protein stability. Free Radical Research, 2021, 55, 996-1004.	3.3	3
17	Fine definition of the epitopes on the human gp91 /NOX2 for the monoclonal antibodies CL-5 and 48. Journal of Immunological Methods, 2022, 501, 113213.	1.4	2