

Emilia Galperin

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

574
citations

759233

12
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

801
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-chromophore FRET microscopy to analyze multiprotein interactions in living cells. <i>Nature Methods</i> , 2004, 1, 209-217.	19.0	187
2	Visualization of Rab5 activity in living cells by FRET microscopy and influence of plasma-membrane-targeted Rab5 on clathrin-dependent endocytosis. <i>Journal of Cell Science</i> , 2003, 116, 4799-4810.	2.0	79
3	Endosomal Targeting of MEK2 Requires RAF, MEK Kinase Activity and Clathrin-Dependent Endocytosis. <i>Traffic</i> , 2008, 9, 1776-1790.	2.7	43
4	HUWE1 Is a Molecular Link Controlling RAF-1 Activity Supported by the Shoc2 Scaffold. <i>Molecular and Cellular Biology</i> , 2014, 34, 3579-3593.	2.3	37
5	A Novel SHOC2 Variant in Rasopathy. <i>Human Mutation</i> , 2014, 35, n/a-n/a.	2.5	28
6	The function of Shoc2: A scaffold and beyond. <i>Communicative and Integrative Biology</i> , 2016, 9, e1188241.	1.4	26
7	Functional Integration of the Conserved Domains of Shoc2 Scaffold. <i>PLoS ONE</i> , 2013, 8, e66067.	2.5	23
8	Shoc2 Is Targeted to Late Endosomes and Required for Erk1/2 Activation in EGF-Stimulated Cells. <i>PLoS ONE</i> , 2012, 7, e36469.	2.5	23
9	Spatial control of Shoc2 scaffold-mediated ERK1/2 signaling requires remodeling activity of the ATPase PSMC5. <i>Journal of Cell Science</i> , 2015, 128, 4428-41.	2.0	21
10	The leucine-rich repeat signaling scaffolds Shoc2 and Erbin: cellular mechanism and role in disease. <i>FEBS Journal</i> , 2021, 288, 721-739.	4.7	19
11	Inositol phosphates and phosphoinositides activate insulin-degrading enzyme, while phosphoinositides also mediate binding to endosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2826-E2835.	7.1	17
12	Shoc2-transduced ERK1/2 motility signals – Novel insights from functional genomics. <i>Cellular Signalling</i> , 2016, 28, 448-459.	3.6	13
13	Hematopoietic and neural crest defects in zebrafish <i>shoc2</i> mutants: a novel vertebrate model for Noonan-like syndrome. <i>Human Molecular Genetics</i> , 2019, 28, 501-514.	2.9	12
14	VCP/p97 controls signals of the ERK1/2 pathway transmitted via the Shoc2 scaffolding complex: novel insights into IBMPFD pathology. <i>Molecular Biology of the Cell</i> , 2019, 30, 1655-1663.	2.1	11
15	The seventh international RASopathies symposium: Pathways to a cure – expanding knowledge, enhancing research, and therapeutic discovery. <i>American Journal of Medical Genetics, Part A</i> , 2022, 188, 1915-1927.	1.2	10
16	Visualization of Rab5 Activity in Living Cells Using FRET Microscopy. <i>Methods in Enzymology</i> , 2005, 403, 119-134.	1.0	9
17	The role of USP7 in the Shoc2-ERK1/2 signaling axis and Noonan-like syndrome with loose anagen hair. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	5
18	Data set for transcriptional response to depletion of the Shoc2 scaffolding protein. <i>Data in Brief</i> , 2016, 7, 770-778.	1.0	4

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19	Single-domain antibodies for functional targeting of the signaling scaffold Shoc2. <i>Molecular Immunology</i> , 2020, 118, 110-116.	2.2	4
20	Visualizing of Signaling Proteins on Endosomes Utilizing Knockdown and Reconstitution Approach. <i>Methods in Enzymology</i> , 2014, 534, 47-63.	1.0	3
21	The Role of Shoc2 in Regulating Cell Motility. <i>FASEB Journal</i> , 2013, 27, 601.2.	0.5	0
22	The scaffold protein Shoc2 controls ERK1/2-driven neural crest development by balancing the expression of extracellular matrix components. <i>FASEB Journal</i> , 2022, 36, .	0.5	0