

Mingjian Lu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,725
citations

567281

15
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

3649
citing authors

#	ARTICLE	IF	CITATIONS
1	BAI1 is an engulfment receptor for apoptotic cells upstream of the ELMO/Dock180/Rac module. <i>Nature</i> , 2007, 450, 430-434.	27.8	714
2	Unconventional Rac-GEF activity is mediated through the Dock180-ELMO complex. <i>Nature Cell Biology</i> , 2002, 4, 574-582.	10.3	522
3	Insulin regulates liver metabolism in vivo in the absence of hepatic Akt and Foxo1. <i>Nature Medicine</i> , 2012, 18, 388-395.	30.7	310
4	Direct Hepatocyte Insulin Signaling Is Required for Lipogenesis but Is Dispensable for the Suppression of Glucose Production. <i>Cell Metabolism</i> , 2016, 23, 1154-1166.	16.2	207
5	Dock180 and ELMO1 Proteins Cooperate to Promote Evolutionarily Conserved Rac-dependent Cell Migration. <i>Journal of Biological Chemistry</i> , 2004, 279, 6087-6097.	3.4	193
6	Phagocytosis of Apoptotic Cells Is Regulated by a UNC-73/TRIO-MIG-2/RhoG Signaling Module and Armadillo Repeats of CED-12/ELMO. <i>Current Biology</i> , 2004, 14, 2208-2216.	3.9	185
7	PH domain of ELMO functions in trans to regulate Rac activation via Dock180. <i>Nature Structural and Molecular Biology</i> , 2004, 11, 756-762.	8.2	121
8	A Steric-Inhibition Model for Regulation of Nucleotide Exchange via the Dock180 Family of GEFs. <i>Current Biology</i> , 2005, 15, 371-377.	3.9	96
9	Dock180-ELMO Cooperation in Rac Activation. <i>Methods in Enzymology</i> , 2006, 406, 388-402.	1.0	80
10	A Noncanonical, GSK3-Independent Pathway Controls Postprandial Hepatic Glycogen Deposition. <i>Cell Metabolism</i> , 2013, 18, 99-105.	16.2	63
11	A high-throughput microfluidic microphysiological system (PREDICT-96) to recapitulate hepatocyte function in dynamic, re-circulating flow conditions. <i>Lab on A Chip</i> , 2019, 19, 1556-1566.	6.0	60
12	Akt-mediated foxo1 inhibition is required for liver regeneration. <i>Hepatology</i> , 2016, 63, 1660-1674.	7.3	55
13	Characterization of a Novel Interaction between ELMO1 and ERM Proteins. <i>Journal of Biological Chemistry</i> , 2006, 281, 5928-5937.	3.4	39
14	Insulin Is Required to Maintain Albumin Expression by Inhibiting Forkhead Box O1 Protein. <i>Journal of Biological Chemistry</i> , 2016, 291, 2371-2378.	3.4	27
15	Cannabinoid receptor 1 signaling in hepatocytes and stellate cells does not contribute to NAFLD. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	23
16	A thermoplastic microfluidic microphysiological system to recapitulate hepatic function and multicellular interactions. <i>Biotechnology and Bioengineering</i> , 2019, 116, 3409-3420.	3.3	14
17	A Link between the Cytoplasmic Engulfment Protein Elmo1 and the Mediator Complex Subunit Med31. <i>Current Biology</i> , 2013, 23, 162-167.	3.9	12
18	Comprehensive comparison of MetAP2 tissue and cellular expression pattern in lean and obese rodents. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2018, Volume 11, 565-577.	2.4	3

#	ARTICLE	IF	CITATIONS
19	Response to Kunos et al. and Lotersztajn and Mallat. Journal of Clinical Investigation, 2022, 132, .	8.2	1
20	Activation of GTPases by Dock180 Family of Proteins. , 2005, , 73-92.		0