

# Frederic Lagarrigue

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

889  
citations

471509

17  
h-index

642732

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1406  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Rap1-RIAM-talin axis of integrin activation and blood cell function. <i>Blood</i> , 2016, 128, 479-487.	1.4	110
2	<i>Shigella flexneri</i> Infection Generates the Lipid PI5P to Alter Endocytosis and Prevent Termination of EGFR Signaling. <i>Science Signaling</i> , 2011, 4, ra61.	3.6	98
3	A RIAM/lamellipodin-talin integrin complex forms the tip of sticky fingers that guide cell migration. <i>Nature Communications</i> , 2015, 6, 8492.	12.8	85
4	Thrombospondin1 (TSP1) replacement prevents cerebral cavernous malformations. <i>Journal of Experimental Medicine</i> , 2017, 214, 3331-3346.	8.5	80
5	Phosphatidylinositol 5-phosphate regulates invasion through binding and activation of Tiam1. <i>Nature Communications</i> , 2014, 5, 4080.	12.8	60
6	Cerebral cavernous malformations form an anticoagulant vascular domain in humans and mice. <i>Blood</i> , 2019, 133, 193-204.	1.4	60
7	Talin-1 is the principal platelet Rap1 effector of integrin activation. <i>Blood</i> , 2020, 136, 1180-1190.	1.4	52
8	Matrix Metalloproteinase-9 Is Upregulated in Nucleophosmin-Anaplastic Lymphoma Kinase-Positive Anaplastic Lymphomas and Activated at the Cell Surface by the Chaperone Heat Shock Protein 90 to Promote Cell Invasion. <i>Cancer Research</i> , 2010, 70, 6978-6987.	0.9	48
9	Rap1 binding and a lipid-dependent helix in talin F1 domain promote integrin activation in tandem. <i>Journal of Cell Biology</i> , 2019, 218, 1799-1809.	5.2	45
10	Astrocytes propel neurovascular dysfunction during cerebral cavernous malformation lesion formation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	32
11	ALK+ALCLs induce cutaneous, HMGB-1-dependent IL-8/CXCL8 production by keratinocytes through NF- $\kappa$ B activation. <i>Blood</i> , 2012, 119, 4698-4707.	1.4	31
12	Rap1 binding to the talin 1 FO domain makes a minimal contribution to murine platelet GPIIb-IIIa activation. <i>Blood Advances</i> , 2018, 2, 2358-2368.	5.2	30
13	PtdIns5P protects Akt from dephosphorylation through PP2A inhibition. <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 127-131.	2.1	28
14	Distinct integrin activation pathways for effector and regulatory T cell trafficking and function. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	27
15	Transmission of integrin $\beta$ 7 transmembrane domain topology enables gut lymphoid tissue development. <i>Journal of Cell Biology</i> , 2018, 217, 1453-1465.	5.2	22
16	The Nucleophosmin-Anaplastic Lymphoma Kinase Oncogene Interacts, Activates, and Uses the Kinase PIKfyve to Increase Invasiveness. <i>Journal of Biological Chemistry</i> , 2011, 286, 32105-32114.	3.4	21
17	SnapShot: Talin and the Modular Nature of the Integrin Adhesome. <i>Cell</i> , 2014, 156, 1340-1340.e1.	28.9	21
18	Cutting Edge: Loss of T Cell RIAM Precludes Conjugate Formation with APC and Prevents Immune-Mediated Diabetes. <i>Journal of Immunology</i> , 2017, 198, 3410-3415.	0.8	15

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19	Direct Binding of Rap1 to Talin1 and to MRL Proteins Promotes Integrin Activation in CD4+ T Cells. Journal of Immunology, 2022, 208, 1378-1388.	0.8	6
20	MARCH Proteins Mediate Responses to Antitumor Antibodies. Journal of Immunology, 2020, 205, 2883-2892.	0.8	5
21	Optogenetics-based localization of talin to the plasma membrane promotes activation of $\beta$ <sup>2</sup> <sub>3</sub> integrins. Journal of Biological Chemistry, 2021, 296, 100675.	3.4	5
22	The Connection Between Rap1 and Talin1 in the Activation of Integrins in Blood Cells. Frontiers in Cell and Developmental Biology, 2022, 10, .	3.7	4
23	Phostensin enables lymphocyte integrin activation and population of peripheral lymphoid organs. Journal of Experimental Medicine, 2022, 219, .	8.5	1
24	Src-mediated phosphorylation of RIAM promotes integrin activation. Structure, 2021, 29, 305-307.	3.3	0
25	Differential Use of Rap1 Effectors for Integrin Activation in Platelets and Lymphocytes. Blood, 2020, 136, 27-28.	1.4	0