

# Ignacio Rubio

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,671  
citations

471509

17  
h-index

454955

30  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2645  
citing authors

#	ARTICLE	IF	CITATIONS
1	The COVID-19 puzzle: deciphering pathophysiology and phenotypes of a new disease entity. <i>Lancet Respiratory Medicine</i> , 2021, 9, 622-642.	10.7	371
2	Bifurcation of Lipid and Protein Kinase Signals of PI3K to the Protein Kinases PKB and MAPK. , 1998, 282, 293-296.		288
3	Current gaps in sepsis immunology: new opportunities for translational research. <i>Lancet Infectious Diseases</i> , The, 2019, 19, e422-e436.	9.1	205
4	Ras activation revisited: role of GEF and GAP systems. <i>Biological Chemistry</i> , 2015, 396, 831-848.	2.5	89
5	Live-cell imaging of endogenous Ras-GTP illustrates predominant Ras activation at the plasma membrane. <i>EMBO Reports</i> , 2006, 7, 46-51.	4.5	83
6	Regulation of Ras Exchange Factors and Cellular Localization of Ras Activation by Lipid Messengers in T Cells. <i>Frontiers in Immunology</i> , 2013, 4, 239.	4.8	58
7	TCR-Induced Activation of Ras Proceeds at the Plasma Membrane and Requires Palmitoylation of N-Ras. <i>Journal of Immunology</i> , 2010, 185, 3536-3543.	0.8	54
8	Immunosuppression after Sepsis: Systemic Inflammation and Sepsis Induce a Loss of Naïve T-Cells but No Enduring Cell-Autonomous Defects in T-Cell Function. <i>PLoS ONE</i> , 2014, 9, e115094.	2.5	52
9	Farnesylation of Ras is important for the interaction with phosphoinositide 3-kinase gamma. <i>FEBS Journal</i> , 1999, 266, 70-82.	0.2	47
10	Reassessment of the role of FKBP38 in the Rheb/mTORC1 pathway. <i>FEBS Letters</i> , 2009, 583, 965-970.	2.8	45
11	SAP-Mediated Inhibition of Diacylglycerol Kinase $\hat{\pm}$ Regulates TCR-Induced Diacylglycerol Signaling. <i>Journal of Immunology</i> , 2011, 187, 5941-5951.	0.8	43
12	Feedback activation of neurofibromin terminates growth factor-induced Ras activation. <i>Cell Communication and Signaling</i> , 2016, 14, 5.	6.5	33
13	A permissive function of phosphoinositide 3-kinase in Ras activation mediated by inhibition of GTPase-activating proteins. <i>Current Biology</i> , 2000, 10, 1225-1228.	3.9	32
14	Ras activation in response to lysophosphatidic acid requires a permissive input from the epidermal growth factor receptor. <i>Biochemical Journal</i> , 2003, 376, 571-576.	3.7	27
15	Graded inhibition of oncogenic Ras-signaling by multivalent Ras-binding domains. <i>Cell Communication and Signaling</i> , 2014, 12, 1.	6.5	26
16	Ras palmitoylation is necessary for N-Ras activation and signal propagation in growth factor signalling. <i>Biochemical Journal</i> , 2013, 454, 323-332.	3.7	23
17	Features of Ras activation by a mislocalized oncogenic tyrosine kinase: FLT3 ITD signals via K-Ras at the plasma membrane of Acute Myeloid Leukemia cells. <i>Journal of Cell Science</i> , 2013, 126, 4746-55.	2.0	23
18	Hormesis and Defense of Infectious Disease. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1273.	4.1	22

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19	Ras activation in response to phorbol ester proceeds independently of the EGFR via an unconventional nucleotide-exchange factor system in COS-7 cells. <i>Biochemical Journal</i> , 2006, 398, 243-256.	3.7	21
20	Ras signals principally via Erk in G1 but cooperates with PI3K/Akt for Cyclin D induction and S-phase entry. <i>Cell Cycle</i> , 2019, 18, 204-225.	2.6	21
21	Functional characterization of T-cells from palatine tonsils in patients with chronic tonsillitis. <i>PLoS ONE</i> , 2017, 12, e0183214.	2.5	20
22	Quantification of absolute Ras-GDP/GTP levels by HPLC separation of Ras-bound [32P]-labelled nucleotides. <i>Journal of Proteomics</i> , 2004, 58, 111-117.	2.4	17
23	The residue at position 5 of the N-terminal region of Src and Fyn modulates their myristoylation, palmitoylation, and membrane interactions. <i>Molecular Biology of the Cell</i> , 2016, 27, 3926-3936.	2.1	13
24	Chronic Critical Illness from Sepsis Is Associated with an Enhanced TCR Response. <i>Journal of Immunology</i> , 2017, 198, 4781-4791.	0.8	13
25	Real-Time Visualization and Quantification of Native Ras Activation in Single Living Cells. <i>Methods in Molecular Biology</i> , 2014, 1120, 285-305.	0.9	9
26	Cytokine production in patients with recurrent acute tonsillitis: analysis of tonsil samples and blood. <i>Scientific Reports</i> , 2020, 10, 13006.	3.3	8
27	TSC loss distorts DNA replication programme and sensitises cells to genotoxic stress. <i>Oncotarget</i> , 2016, 7, 85365-85380.	1.8	8
28	Isolation of viable and functional T-cells from human palatine tonsils. <i>Journal of Immunological Methods</i> , 2015, 427, 66-72.	1.4	6
29	Active GTPase Pulldown Protocol. <i>Methods in Molecular Biology</i> , 2021, 2262, 117-135.	0.9	6
30	Ras activation revisited. <i>Signal Transduction</i> , 2001, 1, 11-24.	0.4	4
31	Regulation of the Small GTPase Ras and Its Relevance to Human Disease. <i>Methods in Molecular Biology</i> , 2021, 2262, 19-43.	0.9	4