

# Kwang-jin Cho

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3465603/publications.pdf>

Version: 2024-02-01

35  
papers

1,904  
citations

331670

21  
h-index

395702

33  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipidomic atlas of mammalian cell membranes reveals hierarchical variation induced by culture conditions, subcellular membranes, and cell lineages. <i>Soft Matter</i> , 2021, 17, 288-297.	2.7	66
2	Approaches to inhibiting oncogenic K-Ras. <i>Small GTPases</i> , 2021, 12, 96-105.	1.6	29
3	Scaffold repurposing of fendiline: Identification of potent KRAS plasma membrane localization inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 217, 113381.	5.5	7
4	Blocking K-Ras Interaction With the Plasma Membrane Is a Tractable Therapeutic Approach to Inhibit Oncogenic K-Ras Activity. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 673096.	3.5	9
5	Editorial: Ras and Other GTPases in Cancer: From Basic to Applied Research. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 804818.	3.5	0
6	Avicin G is a potent sphingomyelinase inhibitor and blocks oncogenic K- and H-Ras signaling. <i>Scientific Reports</i> , 2020, 10, 9120.	3.3	11
7	Chalcones bearing a 3,4,5-trimethoxyphenyl motif are capable of selectively inhibiting oncogenic K-Ras signaling. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127144.	2.2	7
8	Acylpeptide hydrolase is a novel regulator of KRAS plasma membrane localization and function. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	16
9	Depletion of phosphatidylinositol 4-phosphate at the Golgi translocates K-Ras to mitochondria. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	12
10	Discovery of High-Affinity Noncovalent Allosteric KRAS Inhibitors That Disrupt Effector Binding. <i>ACS Omega</i> , 2019, 4, 2921-2930.	3.5	67
11	HRAS-driven cancer cells are vulnerable to TRPML1 inhibition. <i>EMBO Reports</i> , 2019, 20, .	4.5	59
12	Sphingomyelin Metabolism Is a Regulator of K-Ras Function. <i>Molecular and Cellular Biology</i> , 2018, 38, .	2.3	40
13	An oxanthroquinone derivative that disrupts RAS plasma membrane localization inhibits cancer cell growth. <i>Journal of Biological Chemistry</i> , 2018, 293, 13696-13706.	3.4	20
14	Computational and biochemical characterization of two partially overlapping interfaces and multiple weak-affinity K-Ras dimers. <i>Scientific Reports</i> , 2017, 7, 40109.	3.3	85
15	Deubiquitinase USP18 Loss Mislocalizes and Destabilizes KRAS in Lung Cancer. <i>Molecular Cancer Research</i> , 2017, 15, 905-914.	3.4	28
16	The G protein-coupled receptor GPR31 promotes membrane association of KRAS. <i>Journal of Cell Biology</i> , 2017, 216, 2329-2338.	5.2	24
17	Augmentation of Interactions between Dimers Stabilizes Higher Order Oligomers of Membrane-Bound K-Ras: A Single Molecule Perspective. <i>Biophysical Journal</i> , 2017, 112, 504a-505a.	0.5	0
18	Lipid-Sorting Specificity Encoded in K-Ras Membrane Anchor Regulates Signal Output. <i>Cell</i> , 2017, 168, 239-251.e16.	28.9	235

#	ARTICLE	IF	CITATIONS
19	Spatiotemporal Analysis of K-Ras Plasma Membrane Interactions Reveals Multiple High Order Homo-oligomeric Complexes. <i>Journal of the American Chemical Society</i> , 2017, 139, 13466-13475.	13.7	73
20	Computational Equilibrium Thermodynamic and Kinetic Analysis of K-Ras Dimerization through an Effector Binding Surface Suggests Limited Functional Role. <i>Journal of Physical Chemistry B</i> , 2016, 120, 8547-8556.	2.6	45
21	AMPK and Endothelial Nitric Oxide Synthase Signaling Regulates K-Ras Plasma Membrane Interactions via Cyclic GMP-Dependent Protein Kinase 2. <i>Molecular and Cellular Biology</i> , 2016, 36, 3086-3099.	2.3	57
22	Inhibition of Acid Sphingomyelinase Depletes Cellular Phosphatidylserine and Mislocalizes K-Ras from the Plasma Membrane. <i>Molecular and Cellular Biology</i> , 2016, 36, 363-374.	2.3	92
23	Membrane potential modulates plasma membrane phospholipid dynamics and K-Ras signaling. <i>Science</i> , 2015, 349, 873-876.	12.6	243
24	Rare <i>Streptomyces</i> sp. polyketides as modulators of K-Ras localisation. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4872-4878.	2.8	15
25	Rare <i>Streptomyces</i> N-Formyl Amino-salicylamides Inhibit Oncogenic K-Ras. <i>Organic Letters</i> , 2014, 16, 5036-5039.	4.6	26
26	Inhibitors of K-Ras Plasma Membrane Localization. <i>The Enzymes</i> , 2013, 33 Pt A, 249-265.	1.7	13
27	Fendiline Inhibits K-Ras Plasma Membrane Localization and Blocks K-Ras Signal Transmission. <i>Molecular and Cellular Biology</i> , 2013, 33, 237-251.	2.3	94
28	Andrographolide derivatives inhibit guanine nucleotide exchange and abrogate oncogenic Ras function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10201-10206.	7.1	134
29	Ras nanoclusters. <i>Small GTPases</i> , 2013, 4, 57-60.	1.6	22
30	Staurosporine. <i>Communicative and Integrative Biology</i> , 2013, 6, e24746.	1.4	8
31	Nonsteroidal Anti-inflammatory Drugs Alter the Spatiotemporal Organization of Ras Proteins on the Plasma Membrane. <i>Journal of Biological Chemistry</i> , 2012, 287, 16586-16595.	3.4	51
32	Staurosporines Disrupt Phosphatidylserine Trafficking and Mislocalize Ras Proteins. <i>Journal of Biological Chemistry</i> , 2012, 287, 43573-43584.	3.4	89
33	Constitutive Formation of Caveolae in a Bacterium. <i>Cell</i> , 2012, 150, 752-763.	28.9	126
34	Raf Inhibitors Target Ras Spatiotemporal Dynamics. <i>Current Biology</i> , 2012, 22, 945-955.	3.9	65
35	Therapeutic Levels of the Hydroxymethylglutaryl-Coenzyme A Reductase Inhibitor Lovastatin Activate Ras Signaling via Phospholipase D2. <i>Molecular and Cellular Biology</i> , 2011, 31, 1110-1120.	2.3	36