

# Carlo Cosimo Campa

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,265  
citations

567144

15  
h-index

713332

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g-index

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all docs

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docs citations

23  
times ranked

2413  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiplexed genome engineering by Cas12a and CRISPR arrays encoded on single transcripts. <i>Nature Methods</i> , 2019, 16, 887-893.	9.0	187
2	PI3K Class II $\beta$ Controls Spatially Restricted Endosomal PtdIns3P and Rab11 Activation to Promote Primary Cilium Function. <i>Developmental Cell</i> , 2014, 28, 647-658.	3.1	177
3	PI3K-C2 $\beta$ is a Rab5 effector selectively controlling endosomal Akt2 activation downstream of insulin signalling. <i>Nature Communications</i> , 2015, 6, 7400.	5.8	155
4	Crossroads of PI3K and Rac pathways. <i>Small GTPases</i> , 2015, 6, 71-80.	0.7	126
5	Inhalation of the prodrug PI3K inhibitor CL27c improves lung function in asthma and fibrosis. <i>Nature Communications</i> , 2018, 9, 5232.	5.8	86
6	Rab11 activity and PtdIns(3)P turnover removes recycling cargo from endosomes. <i>Nature Chemical Biology</i> , 2018, 14, 801-810.	3.9	78
7	Mitotic Spindle Assembly and Genomic Stability in Breast Cancer Require PI3K-C2 $\beta$ Scaffolding Function. <i>Cancer Cell</i> , 2017, 32, 444-459.e7.	7.7	69
8	Targeting PI3K signaling in cancer: Challenges and advances. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1871, 361-366.	3.3	54
9	The PI3K/Akt/mTOR pathway in polycystic kidney disease: A complex interaction with polycystins and primary cilium. <i>Cellular Signalling</i> , 2020, 66, 109468.	1.7	49
10	Rab11 and phosphoinositides: A synergy of signal transducers in the control of vesicular trafficking. <i>Advances in Biological Regulation</i> , 2017, 63, 132-139.	1.4	48
11	Phosphoinositide 3-Kinase-C2 $\beta$ Regulates Polycystin-2 Ciliary Entry and Protects against Kidney Cyst Formation. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1135-1144.	3.0	47
12	PI3K-C2 $\beta$ : One enzyme for two products coupling vesicle trafficking and signal transduction. <i>FEBS Letters</i> , 2015, 589, 1552-1558.	1.3	36
13	Class I Phosphoinositide-3-Kinases and Src Kinases Play a Nonredundant Role in Regulation of Adhesion-Independent and -Dependent Neutrophil Reactive Oxygen Species Generation. <i>Journal of Immunology</i> , 2013, 190, 3648-3660.	0.4	35
14	New pre-clinical evidence of anti-inflammatory effect and safety of a substituted fluorophenyl imidazole. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 1399-1407.	2.5	24
15	Identification of a Potent Phosphoinositide 3-Kinase Pan Inhibitor Displaying a Strategic Carboxylic Acid Group and Development of Its Prodrugs. <i>ChemMedChem</i> , 2017, 12, 1542-1554.	1.6	20
16	RAB11-Mediated Trafficking and Human Cancers: An Updated Review. <i>Biology</i> , 2021, 10, 26.	1.3	20
17	Rac signal adaptation controls neutrophil mobilization from the bone marrow. <i>Science Signaling</i> , 2016, 9, ra124.	1.6	14
18	How PI3K-derived lipids control cell division. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 61.	1.8	13

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19	Genetic Deletion and Pharmacological Inhibition of PI3K <sup>β</sup> Reduces Neutrophilic Airway Inflammation and Lung Damage in Mice with Cystic Fibrosis-Like Lung Disease. <i>Mediators of Inflammation</i> , 2015, 2015, 1-10.	1.4	13
20	Physics of compartmentalization: How phase separation and signaling shape membrane and organelle identity. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 3225-3233.	1.9	9
21	Deliver on Time or Pay the Fine: Scheduling in Membrane Trafficking. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11773.	1.8	5
22	microRNA-Mediated Encoding and Decoding of Time-Dependent Signals in Tumorigenesis. <i>Biomolecules</i> , 2022, 12, 213.	1.8	0