

# Manoj K Rathinaswamy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/279599/publications.pdf>

Version: 2024-02-01

10  
papers

3,203  
citations

1040056

9  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

2915  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate prediction of protein structures and interactions using a three-track neural network. <i>Science</i> , 2021, 373, 871-876.	12.6	2,843
2	Ras Binder Induces a Modified Switch-II Pocket in GTP and GDP States. <i>Cell Chemical Biology</i> , 2017, 24, 1455-1466.e14.	5.2	78
3	Conformational sampling of membranes by Akt controls its activation and inactivation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3940-E3949.	7.1	69
4	Class I phosphoinositide 3-kinase (PI3K) regulatory subunits and their roles in signaling and disease. <i>Advances in Biological Regulation</i> , 2020, 75, 100657.	2.3	62
5	Molecular mechanism of activation of class IA phosphoinositide 3-kinases (PI3Ks) by membrane-localized HRas. <i>Journal of Biological Chemistry</i> , 2017, 292, 12256-12266.	3.4	57
6	Disease-related mutations in PI3K $\hat{\text{I}}^3$ disrupt regulatory C-terminal dynamics and reveal a path to selective inhibitors. <i>ELife</i> , 2021, 10, .	6.0	28
7	Structure of the phosphoinositide 3-kinase (PI3K) p110 $\hat{\text{I}}^3$ -p101 complex reveals molecular mechanism of GPCR activation. <i>Science Advances</i> , 2021, 7, .	10.3	25
8	Defining How Oncogenic and Developmental Mutations of PIK3R1 Alter the Regulation of Class IA Phosphoinositide 3-Kinases. <i>Structure</i> , 2020, 28, 145-156.e5.	3.3	16
9	Neolymphostin A Is a Covalent Phosphoinositide 3-Kinase (PI3K)/Mammalian Target of Rapamycin (mTOR) Dual Inhibitor That Employs an Unusual Electrophilic Vinylogous Ester. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10463-10472.	6.4	13
10	HDX-MS-optimized approach to characterize nanobodies as tools for biochemical and structural studies of class IB phosphoinositide 3-kinases. <i>Structure</i> , 2021, 29, 1371-1381.e6.	3.3	10