

Robert A Saxton

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

4,851
citations

11
h-index

15
g-index

15
ext. papers

6,337
ext. citations

32.3
avg, IF

6.74
L-index

#	Paper	IF	Citations
13	mTOR Signaling in Growth, Metabolism, and Disease. <i>Cell</i> , 2017 , 168, 960-976	56.2	2725
12	Sestrin2 is a leucine sensor for the mTORC1 pathway. <i>Science</i> , 2016 , 351, 43-8	33.3	619
11	The CASTOR Proteins Are Arginine Sensors for the mTORC1 Pathway. <i>Cell</i> , 2016 , 165, 153-164	56.2	411
10	The Sestrins interact with GATOR2 to negatively regulate the amino-acid-sensing pathway upstream of mTORC1. <i>Cell Reports</i> , 2014 , 9, 1-8	10.6	305
9	Structural basis for leucine sensing by the Sestrin2-mTORC1 pathway. <i>Science</i> , 2016 , 351, 53-8	33.3	249
8	SAMTOR is an -adenosylmethionine sensor for the mTORC1 pathway. <i>Science</i> , 2017 , 358, 813-818	33.3	235
7	Mechanism of arginine sensing by CASTOR1 upstream of mTORC1. <i>Nature</i> , 2016 , 536, 229-33	50.4	164
6	Topological control of cytokine receptor signaling induces differential effects in hematopoiesis. <i>Science</i> , 2019 , 364,	33.3	47
5	Dimerization quality control ensures neuronal development and survival. <i>Science</i> , 2018 , 362,	33.3	35
4	Structure-based decoupling of the pro- and anti-inflammatory functions of interleukin-10. <i>Science</i> , 2021 , 371,	33.3	19
3	The apo-structure of the leucine sensor Sestrin2 is still elusive. <i>Science Signaling</i> , 2016 , 9, ra92	8.8	18
2	The tissue protective functions of interleukin-22 can be decoupled from pro-inflammatory actions through structure-based design. <i>Immunity</i> , 2021 , 54, 660-672.e9	32.3	11
1	Structure of a Janus kinase cytokine receptor complex reveals the basis for dimeric activation.. <i>Science</i> , 2022 , 376, eabn8933	33.3	11