

# Robin Mathew

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

10,891  
citations

257101

24  
h-index

580395

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

13716  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy promotes tumor cell survival and restricts necrosis, inflammation, and tumorigenesis. <i>Cancer Cell</i> , 2006, 10, 51-64.	7.7	1,779
2	Role of autophagy in cancer. <i>Nature Reviews Cancer</i> , 2007, 7, 961-967.	12.8	1,625
3	Autophagy Suppresses Tumorigenesis through Elimination of p62. <i>Cell</i> , 2009, 137, 1062-1075.	13.5	1,544
4	Activated Ras requires autophagy to maintain oxidative metabolism and tumorigenesis. <i>Genes and Development</i> , 2011, 25, 460-470.	2.7	1,093
5	Autophagy suppresses tumor progression by limiting chromosomal instability. <i>Genes and Development</i> , 2007, 21, 1367-1381.	2.7	809
6	Autophagy mitigates metabolic stress and genome damage in mammary tumorigenesis. <i>Genes and Development</i> , 2007, 21, 1621-1635.	2.7	721
7	Hypoxic and Ras-transformed cells support growth by scavenging unsaturated fatty acids from lysophospholipids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8882-8887.	3.3	585
8	Autophagy suppresses progression of K-ras-induced lung tumors to oncocytomas and maintains lipid homeostasis. <i>Genes and Development</i> , 2013, 27, 1447-1461.	2.7	529
9	Autophagy Sustains Mitochondrial Glutamine Metabolism and Growth of <i>Braf</i> <sup>V600E</sup> -Driven Lung Tumors. <i>Cancer Discovery</i> , 2013, 3, 1272-1285.	7.7	382
10	Glutamine-driven oxidative phosphorylation is a major ATP source in transformed mammalian cells in both normoxia and hypoxia. <i>Molecular Systems Biology</i> , 2013, 9, 712.	3.2	338
11	Role of autophagy in suppression of inflammation and cancer. <i>Current Opinion in Cell Biology</i> , 2010, 22, 212-217.	2.6	277
12	Autophagy in tumorigenesis and energy metabolism: friend by day, foe by night. <i>Current Opinion in Genetics and Development</i> , 2011, 21, 113-119.	1.5	225
13	Metabolic catastrophe as a means to cancer cell death. <i>Journal of Cell Science</i> , 2007, 120, 379-383.	1.2	200
14	Autophagy Suppresses RIP Kinase-Dependent Necrosis Enabling Survival to mTOR Inhibition. <i>PLoS ONE</i> , 2012, 7, e41831.	1.1	128
15	NBK/BIK antagonizes MCL-1 and BCL-XL and activates BAK-mediated apoptosis in response to protein synthesis inhibition. <i>Genes and Development</i> , 2007, 21, 929-941.	2.7	122
16	Therapeutic starvation and autophagy in prostate cancer: A new paradigm for targeting metabolism in cancer therapy. <i>Prostate</i> , 2008, 68, 1743-1752.	1.2	97
17	Functional Role of Autophagy-Mediated Proteome Remodeling in Cell Survival Signaling and Innate Immunity. <i>Molecular Cell</i> , 2014, 55, 916-930.	4.5	96
18	Role of the Polarity Determinant Crumbs in Suppressing Mammalian Epithelial Tumor Progression. <i>Cancer Research</i> , 2008, 68, 4105-4115.	0.4	86

#	ARTICLE	IF	CITATIONS
19	Why Sick Cells Produce Tumors: The Protective Role of Autophagy. <i>Autophagy</i> , 2007, 3, 502-504.	4.3	64
20	Effect of dual inhibition of apoptosis and autophagy in prostate cancer. <i>Prostate</i> , 2012, 72, 1374-1381.	1.2	57
21	A p53 dose-response relationship for sensitivity to DNA damage in isogenic teratocarcinoma cells. <i>Oncogene</i> , 2001, 20, 2982-2986.	2.6	43
22	Chapter 4 Assessing Metabolic Stress and Autophagy Status in Epithelial Tumors. <i>Methods in Enzymology</i> , 2009, 453, 53-81.	0.4	31
23	Induction of Apoptosis by Diterpenes from the Soft Coral <i>Xenia elongata</i> . <i>Journal of Natural Products</i> , 2007, 70, 1551-1557.	1.5	28
24	Chapter 5 Immortalized Mouse Epithelial Cell Models to Study the Role of Apoptosis in Cancer. <i>Methods in Enzymology</i> , 2008, 446, 77-106.	0.4	24
25	Eat this, not that! How selective autophagy helps cancer cells survive. <i>Molecular and Cellular Oncology</i> , 2015, 2, e975638.	0.3	8