

# Robin Mathew

## List of Publications by Year in Descending Order

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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.

25  
papers

9,320  
citations

23  
h-index

25  
g-index

25  
ext. papers

10,198  
ext. citations

12  
avg, IF

5.66  
L-index

#	Paper	IF	Citations
25	Eat this, not that! How selective autophagy helps cancer cells survive. <i>Molecular and Cellular Oncology</i> , <b>2015</b> , 2, e975638	1.2	8
24	Functional role of autophagy-mediated proteome remodeling in cell survival signaling and innate immunity. <i>Molecular Cell</i> , <b>2014</b> , 55, 916-930	17.6	83
23	Autophagy sustains mitochondrial glutamine metabolism and growth of BrafV600E-driven lung tumors. <i>Cancer Discovery</i> , <b>2013</b> , 3, 1272-85	24.4	301
22	Autophagy suppresses progression of K-ras-induced lung tumors to oncocytomas and maintains lipid homeostasis. <i>Genes and Development</i> , <b>2013</b> , 27, 1447-61	12.6	433
21	Glutamine-driven oxidative phosphorylation is a major ATP source in transformed mammalian cells in both normoxia and hypoxia. <i>Molecular Systems Biology</i> , <b>2013</b> , 9, 712	12.2	253
20	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> , <b>2013</b> , 110, 8882-7	11.5	461
19	Autophagy suppresses RIP kinase-dependent necrosis enabling survival to mTOR inhibition. <i>PLoS ONE</i> , <b>2012</b> , 7, e41831	3.7	109
18	Effect of dual inhibition of apoptosis and autophagy in prostate cancer. <i>Prostate</i> , <b>2012</b> , 72, 1374-81	4.2	50
17	Autophagy in tumorigenesis and energy metabolism: friend by day, foe by night. <i>Current Opinion in Genetics and Development</i> , <b>2011</b> , 21, 113-9	4.9	200
16	Activated Ras requires autophagy to maintain oxidative metabolism and tumorigenesis. <i>Genes and Development</i> , <b>2011</b> , 25, 460-70	12.6	925
15	Role of autophagy in suppression of inflammation and cancer. <i>Current Opinion in Cell Biology</i> , <b>2010</b> , 22, 212-7	9	247
14	Assessing metabolic stress and autophagy status in epithelial tumors. <i>Methods in Enzymology</i> , <b>2009</b> , 453, 53-81	1.7	29
13	Autophagy suppresses tumorigenesis through elimination of p62. <i>Cell</i> , <b>2009</b> , 137, 1062-75	56.2	1365
12	Immortalized mouse epithelial cell models to study the role of apoptosis in cancer. <i>Methods in Enzymology</i> , <b>2008</b> , 446, 77-106	1.7	22
11	Role of the polarity determinant crumbs in suppressing mammalian epithelial tumor progression. <i>Cancer Research</i> , <b>2008</b> , 68, 4105-15	10.1	78
10	Therapeutic starvation and autophagy in prostate cancer: a new paradigm for targeting metabolism in cancer therapy. <i>Prostate</i> , <b>2008</b> , 68, 1743-52	4.2	82
9	Metabolic catastrophe as a means to cancer cell death. <i>Journal of Cell Science</i> , <b>2007</b> , 120, 379-83	5.3	177

8	Induction of apoptosis by diterpenes from the soft coral <i>Xenia elongata</i> . <i>Journal of Natural Products</i> , <b>2007</b> , 70, 1551-7	4.9	24
7	Role of autophagy in cancer. <i>Nature Reviews Cancer</i> , <b>2007</b> , 7, 961-7	31.3	1403
6	NBK/BIK antagonizes MCL-1 and BCL-XL and activates BAK-mediated apoptosis in response to protein synthesis inhibition. <i>Genes and Development</i> , <b>2007</b> , 21, 929-41	12.6	112
5	Autophagy suppresses tumor progression by limiting chromosomal instability. <i>Genes and Development</i> , <b>2007</b> , 21, 1367-81	12.6	693
4	Why sick cells produce tumors: the protective role of autophagy. <i>Autophagy</i> , <b>2007</b> , 3, 502-5	10.2	58
3	Autophagy mitigates metabolic stress and genome damage in mammary tumorigenesis. <i>Genes and Development</i> , <b>2007</b> , 21, 1621-35	12.6	621
2	Autophagy promotes tumor cell survival and restricts necrosis, inflammation, and tumorigenesis. <i>Cancer Cell</i> , <b>2006</b> , 10, 51-64	24.3	1547
1	A p53 dose-response relationship for sensitivity to DNA damage in isogenic teratocarcinoma cells. <i>Oncogene</i> , <b>2001</b> , 20, 2982-6	9.2	39