

Robin Mathew

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.

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	Autophagy promotes tumor cell survival and restricts necrosis, inflammation, and tumorigenesis. <i>Cancer Cell</i> , 2006 , 10, 51-64	24.3	1547
24	Role of autophagy in cancer. <i>Nature Reviews Cancer</i> , 2007 , 7, 961-7	31.3	1403
23	Autophagy suppresses tumorigenesis through elimination of p62. <i>Cell</i> , 2009 , 137, 1062-75	56.2	1365
22	Activated Ras requires autophagy to maintain oxidative metabolism and tumorigenesis. <i>Genes and Development</i> , 2011 , 25, 460-70	12.6	925
21	Autophagy suppresses tumor progression by limiting chromosomal instability. <i>Genes and Development</i> , 2007 , 21, 1367-81	12.6	693
20	Autophagy mitigates metabolic stress and genome damage in mammary tumorigenesis. <i>Genes and Development</i> , 2007 , 21, 1621-35	12.6	621
19	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, 8882-7	11.5	461
18	Autophagy suppresses progression of K-ras-induced lung tumors to oncocytomas and maintains lipid homeostasis. <i>Genes and Development</i> , 2013 , 27, 1447-61	12.6	433
17	Autophagy sustains mitochondrial glutamine metabolism and growth of BrafV600E-driven lung tumors. <i>Cancer Discovery</i> , 2013 , 3, 1272-85	24.4	301
16	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	12.2	253
15	Role of autophagy in suppression of inflammation and cancer. <i>Current Opinion in Cell Biology</i> , 2010 , 22, 212-7	9	247
14	Autophagy in tumorigenesis and energy metabolism: friend by day, foe by night. <i>Current Opinion in Genetics and Development</i> , 2011 , 21, 113-9	4.9	200
13	Metabolic catastrophe as a means to cancer cell death. <i>Journal of Cell Science</i> , 2007 , 120, 379-83	5.3	177
12	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, 929-41	12.6	112
11	Autophagy suppresses RIP kinase-dependent necrosis enabling survival to mTOR inhibition. <i>PLoS ONE</i> , 2012 , 7, e41831	3.7	109
10	Functional role of autophagy-mediated proteome remodeling in cell survival signaling and innate immunity. <i>Molecular Cell</i> , 2014 , 55, 916-930	17.6	83
9	Therapeutic starvation and autophagy in prostate cancer: a new paradigm for targeting metabolism in cancer therapy. <i>Prostate</i> , 2008 , 68, 1743-52	4.2	82

8	Role of the polarity determinant crumbs in suppressing mammalian epithelial tumor progression. <i>Cancer Research</i> , 2008 , 68, 4105-15	10.1	78
7	Why sick cells produce tumors: the protective role of autophagy. <i>Autophagy</i> , 2007 , 3, 502-5	10.2	58
6	Effect of dual inhibition of apoptosis and autophagy in prostate cancer. <i>Prostate</i> , 2012 , 72, 1374-81	4.2	50
5	A p53 dose-response relationship for sensitivity to DNA damage in isogenic teratocarcinoma cells. <i>Oncogene</i> , 2001 , 20, 2982-6	9.2	39
4	Assessing metabolic stress and autophagy status in epithelial tumors. <i>Methods in Enzymology</i> , 2009 , 453, 53-81	1.7	29
3	Induction of apoptosis by diterpenes from the soft coral <i>Xenia elongata</i> . <i>Journal of Natural Products</i> , 2007 , 70, 1551-7	4.9	24
2	Immortalized mouse epithelial cell models to study the role of apoptosis in cancer. <i>Methods in Enzymology</i> , 2008 , 446, 77-106	1.7	22
1	Eat this, not that! How selective autophagy helps cancer cells survive. <i>Molecular and Cellular Oncology</i> , 2015 , 2, e975638	1.2	8