Rick F Thorne

List of Publications by Year
in descending order

72 papers	2,685 citations	218381 26 h-index	197535 49 g-index
75 all docs	75 docs citations	75 times ranked	4145 citing authors

#	Article	IF	Citations
1	GUARDIN is a p53-responsive long non-coding RNA that is essential for genomic stability. Nature Cell Biology, 2018, 20, 492-502.	4.6	239
2	CircACC1 Regulates Assembly and Activation of AMPK Complex under Metabolic Stress. Cell Metabolism, 2019, 30, 157-173.e7.	7.2	209
3	The role of the CD44 transmembrane and cytoplasmic domains in co-ordinating adhesive and signalling events. Journal of Cell Science, 2004, 117, 373-380.	1.2	206
4	Assembly and activation of the Hippo signalome by FAT1 tumor suppressor. Nature Communications, 2018, 9, 2372.	5.8	119
5	Sleeping Giants: Emerging Roles for the Fat Cadherins in Health and Disease. Medicinal Research Reviews, 2014, 34, 190-221.	5.0	112
6	Nerve fibers infiltrate the tumor microenvironment and are associated with nerve growth factor production and lymph node invasion in breast cancer. Molecular Oncology, 2015, 9, 1626-1635.	2.1	105
7	LncRNA IDH1-AS1 links the functions of c-Myc and HIF1Î± via IDH1 to regulate the Warburg effect. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1465-E1474.	3.3	93
8	Promoter Methylation-Regulated miR-145-5p Inhibits Laryngeal Squamous Cell Carcinoma Progression by Targeting FSCN1. Molecular Therapy, 2019, 27, 365-379.	3.7	88
9	ProNGF Correlates with Gleason Score and Is a Potential Driver of Nerve Infiltration in Prostate Cancer. American Journal of Pathology, 2014, 184, 3156-3162.	1.9	86
10	CD36 is a receptor for oxidized high density lipoprotein: Implications for the development of atherosclerosis. FEBS Letters, 2007, 581, 1227-1232.	1.3	74
11	Activation of Pyroptotic Cell Death Pathways in Cancer: An Alternative Therapeutic Approach. Translational Oncology, 2019, 12, 925-931.	1.7	70
12	c-Myc inactivation of p53 through the pan-cancer lncRNA MILIP drives cancer pathogenesis. Nature Communications, 2020, 11, 4980.	5.8	70
13	Dual Processing of FAT1 Cadherin Protein by Human Melanoma Cells Generates Distinct Protein Products. Journal of Biological Chemistry, 2011, 286, 28181-28191.	1.6	56
14	Macrophage migration inhibitory factor engages PI3K/Akt signalling and is a prognostic factor in metastatic melanoma. BMC Cancer, 2014, 14, 630.	1.1	56
15	Antimicrobial Activity of Lemongrass Essential Oil (Cymbopogon flexuosus) and Its Active Component Citral Against Dual-Species Biofilms of Staphylococcus aureus and Candida Species. Frontiers in Cellular and Infection Microbiology, 2020, 10, 603858.	1.8	53
16	Palmitoylation of CD36/FAT regulates the rate of its post-transcriptional processing in the endoplasmic reticulum. Biochimica Et Biophysica Acta - Molecular Cell Research, 2010, 1803, 1298-1307.	1.9	52
17	Dual functions for OVAAL in initiation of RAF/MEK/ERK prosurvival signals and evasion of p27-mediated cellular senescence. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11661-E11670.	3.3	52
18	Neurotrophin Receptors TrkA, p75NTR, and Sortilin Are Increased and Targetable in Thyroid Cancer. American Journal of Pathology, 2018, 188, 229-241.	1.9	44

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19	Skp2-Mediated Stabilization of MTH1 Promotes Survival of Melanoma Cells upon Oxidative Stress. Cancer Research, 2017, 77, 6226-6239.	0.4	43
20	LncRNA REG1CP promotes tumorigenesis through an enhancer complex to recruit FANCJ helicase for REG3A transcription. Nature Communications, 2019, 10, 5334.	5.8	43
21	SENEBLOC, a long non-coding RNA suppresses senescence via p53-dependent and independent mechanisms. Nucleic Acids Research, 2020, 48, 3089-3102.	6.5	39
22	LncRNA GIRGL drives CAPRIN1-mediated phase separation to suppress glutaminase-1 translation under glutamine deprivation. Science Advances, 2021, 7, .	4.7	38
23	FAT1 cadherin acts upstream of Hippo signalling through TAZ to regulate neuronal differentiation. Cellular and Molecular Life Sciences, 2015, 72, 4653-4669.	2.4	35
24	The pan-cancer lncRNA PLANE regulates an alternative splicing program to promote cancer pathogenesis. Nature Communications, 2021, 12, 3734.	5.8	33
25	TP53, TP53 Target Genes (DRAM, TIGAR), and Autophagy. Advances in Experimental Medicine and Biology, 2019, 1206, 127-149.	0.8	32
26	The long noncoding RNA glycoLINC assembles a lower glycolytic metabolon to promote glycolysis. Molecular Cell, 2022, 82, 542-554.e6.	4.5	32
27	A p53-Responsive miRNA Network Promotes Cancer Cell Quiescence. Cancer Research, 2018, 78, 6666-6679.	0.4	29
28	ASIC1 and ASIC3 mediate cellular senescence of human nucleus pulposus mesenchymal stem cells during intervertebral disc degeneration. Aging, 2021, 13, 10703-10723.	1.4	29
29	BRAF/MEK inhibitors promote CD47 expression that is reversible by ERK inhibition in melanoma. Oncotarget, 2017, 8, 69477-69492.	0.8	28
30	The neurotrophic tyrosine kinase receptor TrkA and its ligand NGF are increased in squamous cell carcinomas of the lung. Scientific Reports, 2018, 8, 8135.	1.6	27
31	Non-coding RNAs, guardians of the p53 galaxy. Seminars in Cancer Biology, 2021, 75, 72-83.	4.3	27
32	Low simvastatin concentrations reduce oleic acid-induced steatosis in HepG2 cells: An in vitro model of non-alcoholic fatty liver disease. Experimental and Therapeutic Medicine, 2016, 11, 1487-1492.	0.8	26
33	Engagement of Variant CD44 Confers Resistance to Anti-Integrin Antibody-Mediated Apoptosis in a Colon Carcinoma Cell Line. Cell Adhesion and Communication, 1998, 6, 21-38.	1.7	25
34	Melanoma cell sensitivity to Docetaxelâ€induced apoptosis is determined by class III Î²â€tubulin levels. FEBS Letters, 2008, 582, 267-272.	1.3	24
35	A Soluble Form of the Giant Cadherin Fat1 Is Released from Pancreatic Cancer Cells by ADAM10 Mediated Ectodomain Shedding. PLoS ONE, 2014, 9, e90461.	1.1	24
36	The association between CD36 and Lyn protein tyrosine kinase is mediated by lipid. Biochemical and Biophysical Research Communications, 2006, 351, 51-56.	1.0	22

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37	Copy number variation in tripleÂnegative breast cancer samples associated with lymph node metastasis. Neoplasia, 2021, 23, 743-753.	2.3	21
38	ACTN4 regulates the stability of RIPK1 in melanoma. Oncogene, 2018, 37, 4033-4045.	2.6	20
39	Mass Spectrometric Analysis Identifies AIMP1 and LTA4H as FSCN1â€Binding Proteins in Laryngeal Squamous Cell Carcinoma. Proteomics, 2019, 19, e1900059.	1.3	20
40	KDM6A promotes imatinib resistance through YY1-mediated transcriptional upregulation of TRKA independently of its demethylase activity in chronic myelogenous leukemia. Theranostics, 2021, 11, 2691-2705.	4.6	20
41	TRIM27 cooperates with STK38L to inhibit ULK1â€mediated autophagy and promote tumorigenesis. EMBO Journal, 2022, 41, .	3.5	18
42	Programming of formalin-induced nociception by neonatal LPS exposure: Maintenance by peripheral and central neuroimmune activity. Brain, Behavior, and Immunity, 2015, 44, 235-246.	2.0	17
43	Identification of miRâ€145â€5pâ€Centered Competing Endogenous RNA Network in Laryngeal Squamous Cell Carcinoma. Proteomics, 2019, 19, e1900020.	1.3	15
44	DDIT3 Directs a Dual Mechanism to Balance Glycolysis and Oxidative Phosphorylation during Glutamine Deprivation. Advanced Science, 2021, 8, e2003732.	5.6	15
45	Evaluating nuclear translocation of surface receptors: recommendations arising from analysis of CD44. Histochemistry and Cell Biology, 2020, 153, 77-87.	0.8	14
46	Visualization of endogenous p27 and Ki67 reveals the importance of a c-Myc-driven metabolic switch in promoting survival of quiescent cancer cells. Theranostics, 2021, 11, 9605-9622.	4.6	14
47	lncRNA TRMP-S directs dual mechanisms to regulate p27-mediated cellular senescence. Molecular Therapy - Nucleic Acids, 2021, 24, 971-985.	2.3	13
48	Proteome Analyses Reveal S100A11, S100P, and RBM25 Are Tumor Biomarkers in Colorectal Cancer. Proteomics - Clinical Applications, 2021, 15, e2000056.	0.8	12
49	Lnc RNA GUARDIN suppresses cellular senescence through a LRP 130â€•PGC 1Î±â€•FOXO 4â€p21â€dependent signaling axis. EMBO Reports, 2020, 21, e48796.	2.0	11
50	<scp>PINTology</scp>: A short history of the <scp>lncRNA LINCâ€PINT</scp> in different diseases. Wiley Interdisciplinary Reviews RNA, 2022, 13, e1705.	3.2	11
51	Novel Immunoblotting Monoclonal Antibodies Against Human and Rat CD36/Fat Used to Identify an Isoform of CD36 in Rat Muscle. DNA and Cell Biology, 2006, 25, 302-311.	0.9	10
52	Non-coding RNAs, metabolic stress and adaptive mechanisms in cancer. Cancer Letters, 2020, 491, 60-69.	3.2	10
53	FAT1 cadherin controls neuritogenesis during NTera2 cell differentiation. Biochemical and Biophysical Research Communications, 2019, 514, 625-631.	1.0	9
54	DCLK1 Autoinhibition and Activation in Tumorigenesis. Innovation(China), 2021, 3, 100191.	5.2	9

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55	Fat1 cadherin provides a novel minimal residual disease marker in acute lymphoblastic leukemia. Hematology, 2013, 18, 315-322.	0.7	8
56	Analysis of Differentially Expressed Genes in a Chinese Cohort of Esophageal Squamous Cell Carcinoma. Journal of Cancer, 2020, 11, 3783-3793.	1.2	8
57	High nerve density in breast cancer is associated with poor patient outcome. FASEB BioAdvances, 2022, 4, 391-401.	1.3	8
58	Shed gangliosides provide detergent-independent evidence for Type-3 glycosynapses. Biochemical and Biophysical Research Communications, 2007, 356, 306-311.	1.0	7
59	TP53LNC-DB, the database of lncRNAs in the p53 signalling network. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	1.4	7
60	The Deubiquitinase USP39 Promotes ESCC Tumorigenesis Through Pre-mRNA Splicing of the mTORC2 Component Rictor. Frontiers in Oncology, 2021, 11, 667495.	1.3	7
61	Research Progress of DCLK1 Inhibitors as Cancer Therapeutics. Current Medicinal Chemistry, 2021, 28, .	1.2	7
62	Protein interaction screening identifies <scp>SH</scp>3<scp>RF</scp>1 as a new regulator of <scp>FAT</scp>1 protein levels. FEBS Letters, 2017, 591, 667-678.	1.3	6
63	T-cell acute lymphoblastic leukemias express a unique truncated FAT1 isoform that cooperates with NOTCH1 in leukemia development. Haematologica, 2019, 104, e204-e207.	1.7	6
64	FAT1 cadherin is multiply phosphorylated on its ectodomain but phosphorylation is not catalysed by the fourâ€jointed homologue. FEBS Letters, 2014, 588, 3511-3517.	1.3	5
65	Furin processing dictates ectodomain shedding of human FAT1 cadherin. Experimental Cell Research, 2014, 323, 41-55.	1.2	5
66	Stub1 maintains proteostasis of master transcription factors in embryonic stem cells. Cell Reports, 2022, 39, 110919.	2.9	5
67	Hyperthermia inhibits growth of nasopharyngeal carcinoma through degradation of c-Myc. International Journal of Hyperthermia, 2022, 39, 358-371.	1.1	3
68	The pan-cancer lncRNA MILIP links c-Myc to p53 repression. Molecular and Cellular Oncology, 2021, 8, 1842714.	0.3	2
69	A mitochondrial brake on vascular repair. Nature, 2016, 539, 503-504.	13.7	1
70	Verification and Validation of a Four-Gene Panel as a Prognostic Indicator in Triple Negative Breast Cancer. Frontiers in Oncology, 2022, 12, 821334.	1.3	1
71	Title is missing!. Molecular and Cellular Biochemistry, 2000, 214, 115-121.	1.4	0
72	Bio-maleimide-stained plasma microparticles can be purified in a native state and target human proximal tubular HK2 cells. Biomedical Reports, 2017, 6, 63-68.	0.9	0