

Thomas D Schmittgen

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.

49
papers

131,802
citations

24
h-index

51
g-index

51
ext. papers

155,599
ext. citations

6.1
avg, IF

9.08
L-index

#	Paper	IF	Citations
49	Method for Isolating Extracellular Vesicles from Human Neural Stem Cells Expanded Under Neurosphere Culture. <i>Methods in Molecular Biology</i> , 2022 , 2389, 87-94	1.4	
48	Enrichment of the erythrocyte miR-451a in brain extracellular vesicles following impairment of the blood-brain barrier. <i>Neuroscience Letters</i> , 2021 , 751, 135829	3.3	6
47	Role of non-coding RNAs in tumor progression and metastasis in pancreatic cancer. <i>Cancer and Metastasis Reviews</i> , 2021 , 40, 761-776	9.6	6
46	Alterations in mouse spinal cord and sciatic nerve microRNAs after the chronic constriction injury (CCI) model of neuropathic pain. <i>Neuroscience Letters</i> , 2020 , 731, 135029	3.3	3
45	Method for improved integrity of RNA isolated from Matrigel cultures. <i>MethodsX</i> , 2020 , 7, 100966	1.9	3
44	Loss of RE-1 silencing transcription factor accelerates exocrine damage from pancreatic injury. <i>Cell Death and Disease</i> , 2020 , 11, 138	9.8	7
43	Human Colon Mucosal Biofilms and Murine Host Communicate via Altered mRNA and microRNA Expression during Cancer. <i>MSystems</i> , 2020 , 5,	7.6	15
42	Exosomal miRNA Cargo as Mediator of Immune Escape Mechanisms in Neuroblastoma. <i>Cancer Research</i> , 2019 , 79, 1293-1294	10.1	25
41	Knockout of Acinar Enriched microRNAs in Mice Promote Duct Formation But Not Pancreatic Cancer. <i>Scientific Reports</i> , 2019 , 9, 11147	4.9	7
40	MicroRNAs Targeting Caspase-3 and -7 in PANC-1 Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	18
39	CD44 positive and sorafenib insensitive hepatocellular carcinomas respond to the ATP-competitive mTOR inhibitor INK128. <i>Oncotarget</i> , 2018 , 9, 26032-26045	3.3	16
38	miR-221 regulates CD44 in hepatocellular carcinoma through the PI3K-AKT-mTOR pathway. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 487, 709-715	3.4	35
37	MiRNA199a-3p suppresses tumor growth, migration, invasion and angiogenesis in hepatocellular carcinoma by targeting VEGFA, VEGFR1, VEGFR2, HGF and MMP2. <i>Cell Death and Disease</i> , 2017 , 8, e2706	9.8	102
36	Achieving the Promise of Therapeutic Extracellular Vesicles: The Devil is in Details of Therapeutic Loading. <i>Pharmaceutical Research</i> , 2017 , 34, 1053-1066	4.5	62
35	Low active loading of cargo into engineered extracellular vesicles results in inefficient miRNA mimic delivery. <i>Journal of Extracellular Vesicles</i> , 2017 , 6, 1333882	16.4	47
34	Comprehensive toxicity and immunogenicity studies reveal minimal effects in mice following sustained dosing of extracellular vesicles derived from HEK293T cells. <i>Journal of Extracellular Vesicles</i> , 2017 , 6, 1324730	16.4	197
33	miR-216 and miR-217 expression is reduced in transgenic mouse models of pancreatic adenocarcinoma, knockout of miR-216/miR-217 host gene is embryonic lethal. <i>Functional and Integrative Genomics</i> , 2017 , 17, 203-212	3.8	23

32	Expression Profiling Identifies the Noncoding Processed Transcript of HNRNPU with Proliferative Properties in Pancreatic Ductal Adenocarcinoma. <i>Non-coding RNA</i> , 2017 , 3,	7.1	9
31	The pancreatic tumor microenvironment drives changes in miRNA expression that promote cytokine production and inhibit migration by the tumor associated stroma. <i>Oncotarget</i> , 2017 , 8, 54054-54067	3.3	17
30	Anti-invasion and anti-migration effects of miR-199a-3p in hepatocellular carcinoma are due in part to targeting CD151. <i>International Journal of Oncology</i> , 2016 , 49, 2037-2045	4.4	16
29	Effects of local structural transformation of lipid-like compounds on delivery of messenger RNA. <i>Scientific Reports</i> , 2016 , 6, 22137	4.9	32
28	Globally increased ultraconserved noncoding RNA expression in pancreatic adenocarcinoma. <i>Oncotarget</i> , 2016 , 7, 53165-53177	3.3	27
27	In vitro immunotoxicity assessment of culture-derived extracellular vesicles in human monocytes. <i>Journal of Immunotoxicology</i> , 2016 , 13, 652-65	3.1	9
26	Studies on the antileishmanial mechanism of action of the arylimidamide DB766: azole interactions and role of CYP5122A1. <i>Antimicrobial Agents and Chemotherapy</i> , 2014 , 58, 4682-9	5.9	9
25	RNA isolation from mouse pancreas: a ribonuclease-rich tissue. <i>Journal of Visualized Experiments</i> , 2014 , e51779	1.6	16
24	miR-132 and miR-212 are increased in pancreatic cancer and target the retinoblastoma tumor suppressor. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 406, 518-23	3.4	154
23	The role of microRNAs in human liver cancers. <i>Seminars in Oncology</i> , 2011 , 38, 752-63	5.5	98
22	miR-221 silencing blocks hepatocellular carcinoma and promotes survival. <i>Cancer Research</i> , 2011 , 71, 7608-16	10.1	182
21	miR-31: a master regulator of metastasis?. <i>Future Oncology</i> , 2010 , 6, 17-20	3.6	21
20	Simultaneous Detection of Primary, Precursor and Mature MicroRNAs by qPCR. <i>Molecular Medicine and Medicinal</i> , 2010 , 185-195		
19	miR-199a-3p targets CD44 and reduces proliferation of CD44 positive hepatocellular carcinoma cell lines. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 403, 120-5	3.4	117
18	Antisense inhibition of microRNA-21 or -221 arrests cell cycle, induces apoptosis, and sensitizes the effects of gemcitabine in pancreatic adenocarcinoma. <i>Pancreas</i> , 2009 , 38, e190-9	2.6	226
17	Analyzing real-time PCR data by the comparative C(T) method. <i>Nature Protocols</i> , 2008 , 3, 1101-8	18.8	15916
16	Regulation of microRNA processing in development, differentiation and cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 1811-9	5.6	83
15	High-throughput real-time PCR. <i>Methods in Molecular Biology</i> , 2008 , 429, 89-98	1.4	54

14	Real-time PCR quantification of precursor and mature microRNA. <i>Methods</i> , 2008 , 44, 31-8	4.6	436
13	Detection of microRNA expression in human peripheral blood microvesicles. <i>PLoS ONE</i> , 2008 , 3, e3694	3.7	1117
12	Association of MicroRNA expression in hepatocellular carcinomas with hepatitis infection, cirrhosis, and patient survival. <i>Clinical Cancer Research</i> , 2008 , 14, 419-27	12.9	441
11	Ultraconserved regions encoding ncRNAs are altered in human leukemias and carcinomas. <i>Cancer Cell</i> , 2007 , 12, 215-29	24.3	599
10	Expression profiling identifies microRNA signature in pancreatic cancer. <i>International Journal of Cancer</i> , 2007 , 120, 1046-54	7.5	703
9	Dual Epigenetic Control of CCAAT/Enhancer Binding Protein [C/EBP] Expression in Acute Myeloid Leukemia.. <i>Blood</i> , 2007 , 110, 2116-2116	2.2	1
8	Diverse gene expression pattern during 5-fluorouridine-induced apoptosis. <i>International Journal of Oncology</i> , 2005 , 27, 297-306	1	
7	A high-throughput method to monitor the expression of microRNA precursors. <i>Nucleic Acids Research</i> , 2004 , 32, e43	20.1	392
6	Expression of prostate specific membrane antigen and three alternatively spliced variants of PSMA in prostate cancer patients. <i>International Journal of Cancer</i> , 2003 , 107, 323-9	7.5	67
5	Expression pattern of mouse homolog of prostate-specific membrane antigen (FOLH1) in the transgenic adenocarcinoma of the mouse prostate model. <i>Prostate</i> , 2003 , 55, 308-16	4.2	15
4	Inhibition of pre-mRNA splicing by cisplatin and platinum analogs. <i>International Journal of Oncology</i> , 2003 , 23, 785-9	1	10
3	Analysis of relative gene expression data using real-time quantitative PCR and the 2 ⁻ (Delta Delta C(T)) Method. <i>Methods</i> , 2001 , 25, 402-8	4.6	110434
2	Different pH dependency of mitomycin C activity in monolayer and three-dimensional cultures. <i>Pharmaceutical Research</i> , 1996 , 13, 1887-91	4.5	12
1	Cultured human bladder tumors for pharmacodynamic studies. <i>Journal of Urology</i> , 1991 , 145, 203-7	2.5	17