

Thomas D Schmittgen

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3742388/thomas-d-schmittgen-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
48	Analyzing real-time PCR data by the comparative C(T) method. <i>Nature Protocols</i> , 2008 , 3, 1101-8	18.8	15916
47	Detection of microRNA expression in human peripheral blood microvesicles. <i>PLoS ONE</i> , 2008 , 3, e3694	3.7	1117
46	Expression profiling identifies microRNA signature in pancreatic cancer. <i>International Journal of Cancer</i> , 2007 , 120, 1046-54	7.5	703
45	Ultraconserved regions encoding ncRNAs are altered in human leukemias and carcinomas. <i>Cancer Cell</i> , 2007 , 12, 215-29	24.3	599
44	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
43	Real-time PCR quantification of precursor and mature microRNA. <i>Methods</i> , 2008 , 44, 31-8	4.6	436
42	A high-throughput method to monitor the expression of microRNA precursors. <i>Nucleic Acids Research</i> , 2004 , 32, e43	20.1	392
41	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
40	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
39	miR-221 silencing blocks hepatocellular carcinoma and promotes survival. <i>Cancer Research</i> , 2011 , 71, 7608-16	10.1	182
38	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
37	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
36	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}	9.8	102
35	The role of microRNAs in human liver cancers. <i>Seminars in Oncology</i> , 2011 , 38, 752-63	5.5	98
34	Regulation of microRNA processing in development, differentiation and cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 1811-9	5.6	83
33	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

32	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
31	High-throughput real-time PCR. <i>Methods in Molecular Biology</i> , 2008 , 429, 89-98	1.4	54
30	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
29	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
28	Effects of local structural transformation of lipid-like compounds on delivery of messenger RNA. <i>Scientific Reports</i> , 2016 , 6, 22137	4.9	32
27	Globally increased ultraconserved noncoding RNA expression in pancreatic adenocarcinoma. <i>Oncotarget</i> , 2016 , 7, 53165-53177	3.3	27
26	Exosomal miRNA Cargo as Mediator of Immune Escape Mechanisms in Neuroblastoma. <i>Cancer Research</i> , 2019 , 79, 1293-1294	10.1	25
25	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
24	miR-31: a master regulator of metastasis?. <i>Future Oncology</i> , 2010 , 6, 17-20	3.6	21
23	MicroRNAs Targeting Caspase-3 and -7 in PANC-1 Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	18
22	Cultured human bladder tumors for pharmacodynamic studies. <i>Journal of Urology</i> , 1991 , 145, 203-7	2.5	17
21	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	2.3	17
20	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
19	RNA isolation from mouse pancreas: a ribonuclease-rich tissue. <i>Journal of Visualized Experiments</i> , 2014 , e51779	1.6	16
18	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
17	Human Colon Mucosal Biofilms and Murine Host Communicate via Altered mRNA and microRNA Expression during Cancer. <i>MSystems</i> , 2020 , 5,	7.6	15
16	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
15	Different pH dependency of mitomycin C activity in monolayer and three-dimensional cultures. <i>Pharmaceutical Research</i> , 1996 , 13, 1887-91	4.5	12

14	Inhibition of pre-mRNA splicing by cisplatin and platinum analogs. <i>International Journal of Oncology</i> , 2003 , 23, 785-9	1	10
13	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
12	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
11	In vitro immunotoxicity assessment of culture-derived extracellular vesicles in human monocytes. <i>Journal of Immunotoxicology</i> , 2016 , 13, 652-65	3.1	9
10	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
9	Knockout of Acinar Enriched microRNAs in Mice Promote Duct Formation But Not Pancreatic Cancer. <i>Scientific Reports</i> , 2019 , 9, 11147	4.9	7
8	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
7	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
6	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
5	Method for improved integrity of RNA isolated from Matrigel cultures. <i>MethodsX</i> , 2020 , 7, 100966	1.9	3
4	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
3	Simultaneous Detection of Primary, Precursor and Mature MicroRNAs by qPCR. <i>Molecular Medicine and Medicinal</i> , 2010 , 185-195		
2	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	
1	Diverse gene expression pattern during 5-fluorouridine-induced apoptosis. <i>International Journal of Oncology</i> , 2005 , 27, 297-306	1	