Thomas D Schmittgen

List of Publications by Year
in descending order

50	172,661	249298	242451
papers	citations	26 h-index	47 g-index

51	51	51	192163
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Method for Isolating Extracellular from Human Neural Stem Expanded Under Neurosphere Culture. Methods in Molecular Biology, 2022, 2389, 87-94.	0.4	1
2	Enrichment of the erythrocyte miR-451a in brain extracellular vesicles following impairment of the blood-brain barrier. Neuroscience Letters, 2021, 751, 135829.	1.0	11
3	Role of non-coding RNAs in tumor progression and metastasis in pancreatic cancer. Cancer and Metastasis Reviews, 2021, 40, 761-776.	2.7	28
4	Acinar Cellâ€"Enrichedâ€"MicroRNA-802 Connects the Dots Between Kras Signaling, Acinar Ductal Metaplasia, and Pancreatic Cancer. Gastroenterology, 2021, , .	0.6	0
5	Alterations in mouse spinal cord and sciatic nerve microRNAs after the chronic constriction injury (CCI) model of neuropathic pain. Neuroscience Letters, 2020, 731, 135029.	1.0	12
6	Method for improved integrity of RNA isolated from Matrigel cultures. MethodsX, 2020, 7, 100966.	0.7	11
7	Loss of RE-1 silencing transcription factor accelerates exocrine damage from pancreatic injury. Cell Death and Disease, 2020, 11, 138.	2.7	12
8	Human Colon Mucosal Biofilms and Murine Host Communicate via Altered mRNA and microRNA Expression during Cancer. MSystems, 2020, 5, .	1.7	25
9	Knockout of Acinar Enriched microRNAs in Mice Promote Duct Formation But Not Pancreatic Cancer. Scientific Reports, 2019, 9, 11147.	1.6	14
10	Exosomal miRNA Cargo as Mediator of Immune Escape Mechanisms in Neuroblastoma. Cancer Research, 2019, 79, 1293-1294.	0.4	31
11	MicroRNAs Targeting Caspase-3 and -7 in PANC-1 Cells. International Journal of Molecular Sciences, 2018, 19, 1206.	1.8	26
12	CD44 positive and sorafenib insensitive hepatocellular carcinomas respond to the ATP-competitive mTOR inhibitor INK128. Oncotarget, 2018, 9, 26032-26045.	0.8	26
13	miR-221 regulates CD44 in hepatocellular carcinoma through the PI3K-AKT-mTOR pathway. Biochemical and Biophysical Research Communications, 2017, 487, 709-715.	1.0	45
14	MiRNA199a-3p suppresses tumor growth, migration, invasion and angiogenesis in hepatocellular carcinoma by targeting VEGFA, VEGFR1, VEGFR2, HGF and MMP2. Cell Death and Disease, 2017, 8, e2706-e2706.	2.7	131
15	Achieving the Promise of Therapeutic Extracellular Vesicles: The Devil is in Details of Therapeutic Loading. Pharmaceutical Research, 2017, 34, 1053-1066.	1.7	94
16	Low active loading of cargo into engineered extracellular vesicles results in inefficient miRNA mimic delivery. Journal of Extracellular Vesicles, 2017, 6, 1333882.	5.5	65
17	Comprehensive toxicity and immunogenicity studies reveal minimal effects in mice following sustained dosing of extracellular vesicles derived from HEK293T cells. Journal of Extracellular Vesicles, 2017, 6, 1324730.	5.5	357
18	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. Functional and Integrative Genomics, 2017, 17, 203-212.	1.4	27

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19	Expression Profiling Identifies the Noncoding Processed Transcript of HNRNPU with Proliferative Properties in Pancreatic Ductal Adenocarcinoma. Non-coding RNA, 2017, 3, 24.	1.3	19
20	The pancreatic tumor microenvironment drives changes in miRNA expression that promote cytokine production and inhibit migration by the tumor associated stroma. Oncotarget, 2017, 8, 54054-54067.	0.8	22
21	In vitroimmunotoxicity assessment of culture-derived extracellular vesicles in human monocytes. Journal of Immunotoxicology, 2016, 13, 652-665.	0.9	13
22	Anti-invasion and anti-migration effects of miR-199a-3p in hepatocellular carcinoma are due in part to targeting CD151. International Journal of Oncology, 2016, 49, 2037-2045.	1.4	26
23	Effects of local structural transformation of lipid-like compounds on delivery of messenger RNA. Scientific Reports, 2016, 6, 22137.	1.6	37
24	Globally increased ultraconserved noncoding RNA expression in pancreatic adenocarcinoma. Oncotarget, 2016, 7, 53165-53177.	0.8	37
25	Studies on the Antileishmanial Mechanism of Action of the Arylimidamide DB766: Azole Interactions and Role of CYP5122A1. Antimicrobial Agents and Chemotherapy, 2014, 58, 4682-4689.	1.4	12
26	RNA Isolation from Mouse Pancreas: A Ribonuclease-rich Tissue. Journal of Visualized Experiments, 2014, , e51779.	0.2	33
27	miR-132 and miR-212 are increased in pancreatic cancer and target the retinoblastoma tumor suppressor. Biochemical and Biophysical Research Communications, 2011, 406, 518-523.	1.0	166
28	The Role of MicroRNAs in Human Liver Cancers. Seminars in Oncology, 2011, 38, 752-763.	0.8	106
29	miR-221 Silencing Blocks Hepatocellular Carcinoma and Promotes Survival. Cancer Research, 2011, 71, 7608-7616.	0.4	206
30	miR-31: a master regulator of metastasis?. Future Oncology, 2010, 6, 17-20.	1.1	27
31	Simultaneous Detection of Primary, Precursor and Mature MicroRNAs by qPCR. Modecular Medicine and Medicinal, 2010, , 185-195.	0.4	0
32	miR-199a-3p targets CD44 and reduces proliferation of CD44 positive hepatocellular carcinoma cell lines. Biochemical and Biophysical Research Communications, 2010, 403, 120-125.	1.0	133
33	Antisense Inhibition of microRNA-21 or -221 Arrests Cell Cycle, Induces Apoptosis, and Sensitizes the Effects of Gemcitabine in Pancreatic Adenocarcinoma. Pancreas, 2009, 38, e190-e199.	0.5	255
34	Analyzing real-time PCR data by the comparative CT method. Nature Protocols, 2008, 3, 1101-1108.	5.5	21,086
35	Regulation of microRNA processing in development, differentiation and cancer. Journal of Cellular and Molecular Medicine, 2008, 12, 1811-1819.	1.6	94
36	High-Throughput Real-Time PCR. Methods in Molecular Biology, 2008, 429, 89-98.	0.4	61

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37	Real-time PCR quantification of precursor and mature microRNA. Methods, 2008, 44, 31-38.	1.9	512
38	Detection of microRNA Expression in Human Peripheral Blood Microvesicles. PLoS ONE, 2008, 3, e3694.	1.1	1,275
39	Association of MicroRNA Expression in Hepatocellular Carcinomas with Hepatitis Infection, Cirrhosis, and Patient Survival. Clinical Cancer Research, 2008, 14, 419-427.	3.2	486
40	Ultraconserved Regions Encoding ncRNAs Are Altered in Human Leukemias and Carcinomas. Cancer Cell, 2007, 12, 215-229.	7.7	681
41	Dual Epigenetic Control of CCAAT/Enhancer Binding Protein Î± (C/EBPÎ±) Expression in Acute Myeloid Leukemia.. Blood, 2007, 110, 2116-2116.	0.6	1
42	Expression profiling identifies microRNA signature in pancreatic cancer. International Journal of Cancer, 2006, 120, 1046-1054.	2.3	800
43	Diverse gene expression pattern during 5-fluorouridine-induced apoptosis. International Journal of Oncology, 2005, 27, 297-306.	1.4	0
44	A high-throughput method to monitor the expression of microRNA precursors. Nucleic Acids Research, 2004, 32, 43e-43.	6.5	420
45	Expression of prostate specific membrane antigen and three alternatively spliced variants of PSMA in prostate cancer patients. International Journal of Cancer, 2003, 107, 323-329.	2.3	85
46	Expression pattern of mouse homolog of prostate-specific membrane antigen (FOLH1) in the transgenic adenocarcinoma of the mouse prostate model. Prostate, 2003, 55, 308-316.	1.2	21
47	Inhibition of pre-mRNA splicing by cisplatin and platinum analogs. International Journal of Oncology, 2003, 23, 785-9.	1.4	11
48	Analysis of Relative Gene Expression Data Using Real-Time Quantitative PCR and the 2â¯Î”Î”CT Method. Methods, 2001, 25, 402-408.	1.9	145,087
49	Different pH dependency of mitomycin C activity in monolayer and three-dimensional cultures. Pharmaceutical Research, 1996, 13, 1887-1891.	1.7	14
50	Cultured Human Bladder Tumors for Pharmacodynamic Studies. Journal of Urology, 1991, 145, 203-207.	0.2	19