

Thomas B Hansen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12138862/publications.pdf>

Version: 2024-02-01

23
papers

13,582
citations

430874

18
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

12723
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural RNA circles function as efficient microRNA sponges. <i>Nature</i> , 2013, 495, 384-388.	27.8	6,415
2	The biogenesis, biology and characterization of circular RNAs. <i>Nature Reviews Genetics</i> , 2019, 20, 675-691.	16.3	2,832
3	Circular RNA and miR-7 in Cancer. <i>Cancer Research</i> , 2013, 73, 5609-5612.	0.9	847
4	miRNA-dependent gene silencing involving Ago2-mediated cleavage of a circular antisense RNA. <i>EMBO Journal</i> , 2011, 30, 4414-4422.	7.8	841
5	Circular RNAs: Identification, biogenesis and function. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 163-168.	1.9	469
6	Spatio-temporal regulation of circular RNA expression during porcine embryonic brain development. <i>Genome Biology</i> , 2015, 16, 245.	8.8	422
7	Insights into circular RNA biology. <i>RNA Biology</i> , 2017, 14, 1035-1045.	3.1	362
8	Comparison of circular RNA prediction tools. <i>Nucleic Acids Research</i> , 2016, 44, e58-e58.	14.5	349
9	A large-scale chemical modification screen identifies design rules to generate siRNAs with high activity, high stability and low toxicity. <i>Nucleic Acids Research</i> , 2009, 37, 2867-2881.	14.5	315
10	A screen of chemical modifications identifies position-specific modification by UNA to most potently reduce siRNA off-target effects. <i>Nucleic Acids Research</i> , 2010, 38, 5761-5773.	14.5	157
11	CircSMARCA5 Regulates VEGFA mRNA Splicing and Angiogenesis in Glioblastoma Multiforme Through the Binding of SRSF1. <i>Cancers</i> , 2019, 11, 194.	3.7	146
12	Improved circRNA Identification by Combining Prediction Algorithms. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 20.	3.7	135
13	Spatial expression analyses of the putative oncogene ciRS-7 in cancer reshape the microRNA sponge theory. <i>Nature Communications</i> , 2020, 11, 4551.	12.8	72
14	Best practice standards for circular RNA research. <i>Nature Methods</i> , 2022, 19, 1208-1220.	19.0	58
15	Noncoding AUG circRNAs constitute an abundant and conserved subclass of circles. <i>Life Science Alliance</i> , 2019, 2, e201900398.	2.8	56
16	circZNF827 nucleates a transcription inhibitory complex to balance neuronal differentiation. <i>ELife</i> , 2020, 9, .	6.0	33
17	Biosynthesis of Circular RNA ciRS-7/CDR1as Is Mediated by Mammalian-wide Interspersed Repeats. <i>IScience</i> , 2020, 23, 101345.	4.1	25
18	RNA-Seq profiling of leukocytes reveals a sex-dependent global circular RNA upregulation in multiple sclerosis and 6 candidate biomarkers. <i>Human Molecular Genetics</i> , 2020, 29, 3361-3372.	2.9	21

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19	Enhanced Tailored MicroRNA Sponge Activity of RNA Pol II-Transcribed TuD Hairpins Relative to Ectopically Expressed ciRS7-Derived circRNAs. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 365-375.	5.1	10
20	Profiling of Plasma Extracellular Vesicle Transcriptome Reveals That circRNAs Are Prevalent and Differ between Multiple Sclerosis Patients and Healthy Controls. <i>Biomedicines</i> , 2021, 9, 1850.	3.2	8
21	Characterization of Circular RNA Concatemers. <i>Methods in Molecular Biology</i> , 2018, 1724, 143-157.	0.9	7
22	The invasion of circRNAs. <i>RNA Biology</i> , 2017, 14, 973-974.	3.1	1
23	RNA Interference Pathways and Therapeutic Exploitation. <i>Advances in Delivery Science and Technology</i> , 2013, , 1-29.	0.4	0