James H Eberwine

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6875504/publications.pdf

Version: 2024-02-01

46	3,662	304743	289244
papers	citations	22 h-index	40 g-index

49	49	49	7111
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Live Cell Genomics: Cell-Specific Transcriptome Capture in Live Single Cells from Complex Tissues. Methods in Molecular Biology, 2022, 2383, 617-626.	0.9	1
2	Ultrasensitive Single Extracellular Vesicle Detection Using High Throughput Droplet Digital Enzyme-Linked Immunosorbent Assay. Nano Letters, 2022, 22, 4315-4324.	9.1	26
3	Cell Surface Protein mRNAs Show Differential Transcription in Pyramidal and Fast-Spiking Cells as Revealed by Single-Cell Sequencing. Cerebral Cortex, 2021, 31, 731-745.	2.9	5
4	Microâ€•and Nanoâ€Đevices for Studying Subcellular Biology. Small, 2021, 17, e2005793.	10.0	15
5	Astrocytes promote ethanol-induced enhancement of intracellular Ca2+ signals through intercellular communication with neurons. IScience, 2021, 24, 102436.	4.1	8
6	Withdrawn as duplicate: Commentary: "Zooming in" on Glioblastoma: Understanding Tumor Heterogeneity and its Clinical Implications in the Era of Single-Cell Ribonucleic Acid Sequencing. Neurosurgery, 2021, 89, E237-E238.	1.1	0
7	Commentary: â€œZooming inâ€•on Glioblastoma: Understanding Tumor Heterogeneity and Its Clinical Implications in the Era of Single-Cell Ribonucleic Acid Sequencing. Neurosurgery, 2021, 89, E262-E263.	1.1	1
8	Photoactivatable Circular Caged Oligonucleotides for Transcriptome In Vivo Analysis (TIVA). ChemPhotoChem, 2021, 5, 940-946.	3.0	9
9	Single-Cell Analysis of Long Noncoding RNAs (lncRNAs) in Mouse Brain Cells. Methods in Molecular Biology, 2021, 2254, 161-177.	0.9	0
10	Caspase-Activated Oligonucleotide Probe. Bioconjugate Chemistry, 2020, 31, 2172-2178.	3.6	3
11	The BRAIN Initiative and Neuroethics: Enabling and Enhancing Neuroscience Advances for Society. AJOB Neuroscience, 2020, 11, 135-139.	1.1	12
12	Oligonucleotide Probe for Transcriptome in Vivo Analysis (TIVA) of Single Neurons with Minimal Background. ACS Chemical Biology, 2020, 15, 2714-2721.	3.4	8
13	Lamin B2 Levels Regulate Polyploidization of Cardiomyocyte Nuclei and Myocardial Regeneration. Developmental Cell, 2020, 53, 42-59.e11.	7.0	57
14	Control of cytokinesis by Î²-adrenergic receptors indicates an approach for regulating cardiomyocyte endowment. Science Translational Medicine, 2019, 11, .	12.4	73
15	Comprehensive catalog of dendritically localized mRNA isoforms from sub-cellular sequencing of single mouse neurons. BMC Biology, 2019, 17, 5.	3.8	50
16	Avian Primordial Germ Cells Contribute to and Interact With the Extracellular Matrix During Early Migration. Frontiers in Cell and Developmental Biology, 2019, 7, 35.	3.7	19
17	The NIH BRAIN Initiative: Integrating Neuroethics and Neuroscience. Neuron, 2019, 101, 394-398.	8.1	30
18	Efficient Synthesis of Lightâ€Triggered Circular Antisense Oligonucleotides Targeting Cellular Protein Expression. ChemBioChem, 2018, 19, 1250-1254.	2.6	27

#	Article	IF	Citations
19	Neuroethics Guiding Principles for the NIH BRAIN Initiative. Journal of Neuroscience, 2018, 38, 10586-10588.	3.6	61
20	Multimodal single mouse and human cell â€˜Omics: Is variability distinct across cellular modalities?. FASEB Journal, 2018, 32, 378.4.	0.5	0
21	Primary Cell Culture of Live Neurosurgically Resected Aged Adult Human Brain Cells and Single Cell Transcriptomics. Cell Reports, 2017, 18, 791-803.	6.4	60
22	Down the Rabbit Hole of Single-Cell Genome Analysis. Molecular Cell, 2017, 66, 304-305.	9.7	7
23	Pervasive within-Mitochondrion Single-Nucleotide Variant Heteroplasmy as Revealed by Single-Mitochondrion Sequencing. Cell Reports, 2017, 21, 2706-2713.	6.4	48
24	The Human Cell Atlas. ELife, 2017, 6, .	6.0	1,547
25	Assessing characteristics of RNA amplification methods for single cell RNA sequencing. BMC Genomics, 2016, 17, 966.	2.8	34
26	Singleâ€cell transcriptomics and functional target validation of brown adipocytes show their complex roles in metabolic homeostasis. FASEB Journal, 2016, 30, 81-92.	0.5	39
27	Deep sequencing reveals cell-type-specific patterns of single-cell transcriptome variation. Genome Biology, 2015, 16, 122.	9.6	95
28	Single-Neuron Isolation for RNA Analysis Using Pipette Capture and Laser Capture Microdissection. Cold Spring Harbor Protocols, 2015, 2015, pdb.prot072439.	0.3	19
29	Ruthenium-caged antisense morpholinos for regulating gene expression in zebrafish embryos. Chemical Science, 2015, 6, 2342-2346.	7.4	56
30	Identification of RNA Cargoes by Antibody-Positioned RNA Amplification. Cold Spring Harbor Protocols, 2015, 2015, pdb.prot072447.	0.3	2
31	Cellular Deconstruction: Finding Meaning in Individual Cell Variation. Trends in Cell Biology, 2015, 25, 569-578.	7.9	28
32	Antisense RNA Amplification for Target Assessment of Total mRNA from a Single Cell. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot072454.	0.3	5
33	Single Cell/Cellular Subregion-Targeted Phototransfection. Cold Spring Harbor Protocols, 2014, 2014, pdb.prot072421.	0.3	0
34	Identification of a Circadian Output Circuit for Rest:Activity Rhythms in Drosophila. Cell, 2014, 157, 689-701.	28.9	201
35	The promise of single-cell sequencing. Nature Methods, 2014, 11, 25-27.	19.0	262
36	Transcriptome in vivo analysis (TIVA) of spatially defined single cells in live tissue. Nature Methods, 2014, 11, 190-196.	19.0	235

#	Article	IF	Citations
37	Quantitative biology of single neurons. Journal of the Royal Society Interface, 2012, 9, 3165-3183.	3.4	18
38	Transcriptome Analysis of Single Cells. Journal of Visualized Experiments, 2011, , .	0.3	77
39	Single cell transcriptomics of hypothalamic warm sensitive neurons that control core body temperature and fever response. , 2011, 129, 241-259.		86
40	Towards fully automated phototransfection. , 2009, , .		0
41	Analysis of subcellularly localized mRNAs using in situ hybridization, mRNA amplification, and expression profiling. Neurochemical Research, 2002, 27, 1065-1077.	3.3	109
42	Single-cell molecular biology. Nature Neuroscience, 2001, 4, 1155-1156.	14.8	50
43	Localization and translation of mRNA in dentrites and axons. Nature Reviews Neuroscience, 2001, 2, 889-898.	10.2	196
44	Analysis of mRNA Populations from Single Live and Fixed Cells of the Central Nervous System. Current Protocols in Neuroscience, 1997, 00, 5.3.1-5.3.15.	2.6	14
45	mRNA structure, in situ, as assessed by microscopic techniques. Microscopy Research and Technique, 1993, 25, 19-28.	2.2	10
46	[9] Complementary DNA synthesis in Situ: Methods and applications. Methods in Enzymology, 1992, 216, 80-100.	1.0	59