

Patrick J Murphy

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,254
citations

840585

11
h-index

839398

18
g-index

32
all docs

32
docs citations

32
times ranked

2047
citing authors

#	ARTICLE	IF	CITATIONS
1	Role for piRNAs and Noncoding RNA in de Novo DNA Methylation of the Imprinted Mouse <i>Rasgrf1</i> Locus. <i>Science</i> , 2011, 332, 848-852.	6.0	341
2	Chromatin and Single-Cell RNA-Seq Profiling Reveal Dynamic Signaling and Metabolic Transitions during Human Spermatogonial Stem Cell Development. <i>Cell Stem Cell</i> , 2017, 21, 533-546.e6.	5.2	200
3	Placeholder Nucleosomes Underlie Germline-to-Embryo DNA Methylation Reprogramming. <i>Cell</i> , 2018, 172, 993-1006.e13.	13.5	137
4	Single Molecule Epigenetic Analysis in a Nanofluidic Channel. <i>Analytical Chemistry</i> , 2010, 82, 2480-2487.	3.2	110
5	Enzymatic Oxidation of Nicotine to Nicotine \hat{N} (5 \hat{N}) Iminium Ion. <i>Journal of Biological Chemistry</i> , 1973, 248, 2796-2800.	1.6	90
6	Single-molecule analysis of combinatorial epigenomic states in normal and tumor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7772-7777.	3.3	80
7	Cytomegalovirus granulomatous hepatitis. <i>American Journal of Medicine</i> , 1979, 66, 264-269.	0.6	73
8	Real-time analysis and selection of methylated DNA by fluorescence-activated single molecule sorting in a nanofluidic channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8477-8482.	3.3	61
9	Microfluidic extraction, stretching and analysis of human chromosomal DNA from single cells. <i>Lab on A Chip</i> , 2012, 12, 4848.	3.1	53
10	Genome-wide chromatin accessibility is restricted by ANP32E. <i>Nature Communications</i> , 2020, 11, 5063.	5.8	29
11	Sequences Sufficient for Programming Imprinted Germline DNA Methylation Defined. <i>PLoS ONE</i> , 2012, 7, e33024.	1.1	13
12	Maintenance of spatial gene expression by Polycomb-mediated repression after formation of a vertebrate body plan. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	13
13	Establishment of developmental gene silencing by ordered polycomb complex recruitment in early zebrafish embryos. <i>ELife</i> , 2022, 11, .	2.8	13
14	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. <i>PLoS Genetics</i> , 2020, 16, e1008756.	1.5	11
15	Identification of chromatin states during zebrafish gastrulation using <i>CUT</i> & <i>RUN</i> and <i>CUT</i> & Tag. <i>Developmental Dynamics</i> , 2022, 251, 729-742.	0.8	10
16	The histone chaperone Anp32e regulates memory formation, transcription, and dendritic morphology by regulating steady-state H2A.Z binding in neurons. <i>Cell Reports</i> , 2021, 36, 109551.	2.9	8
17	Subtype-Independent ANP32E Reduction During Breast Cancer Progression in Accordance with Chromatin Relaxation. <i>BMC Cancer</i> , 2021, 21, 1342.	1.1	5
18	Epigenetic Changes in the Paternal Germline. , 2014, , 43-55.		2

#	ARTICLE	IF	CITATIONS
19	Rolling uphill: in vivo reacquisition of pluripotency during cranial neural crest differentiation. Communications Biology, 2021, 4, 626.	2.0	1
20	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
21	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
22	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
23	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
24	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0
25	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. , 2020, 16, e1008756.		0