## Patrick J Murphy

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Role for piRNAs and Noncoding RNA in de Novo DNA Methylation of the Imprinted Mouse <i>Rasgrf1</i> Locus. Science, 2011, 332, 848-852.	12.6	341
2	Chromatin and Single-Cell RNA-Seq Profiling Reveal Dynamic Signaling and Metabolic Transitions during Human Spermatogonial Stem Cell Development. Cell Stem Cell, 2017, 21, 533-546.e6.	11.1	200
3	Placeholder Nucleosomes Underlie Germline-to-Embryo DNA Methylation Reprogramming. Cell, 2018, 172, 993-1006.e13.	28.9	137
4	Single Molecule Epigenetic Analysis in a Nanofluidic Channel. Analytical Chemistry, 2010, 82, 2480-2487.	6.5	110
5	Enzymatic Oxidation of Nicotine to Nicotine Δ1′(5′) Iminium Ion. Journal of Biological Chemistry, 1973, 248, 2796-2800.	3.4	90
6	Single-molecule analysis of combinatorial epigenomic states in normal and tumor cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7772-7777.	7.1	80
7	Cytomegalovirus granulomatous hepatitis. American Journal of Medicine, 1979, 66, 264-269.	1.5	73
8	Real-time analysis and selection of methylated DNA by fluorescence-activated single molecule sorting in a nanofluidic channel. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8477-8482.	7.1	61
9	Microfluidic extraction, stretching and analysis of human chromosomal DNA from single cells. Lab on A Chip, 2012, 12, 4848.	6.0	53
10	Genome-wide chromatin accessibility is restricted by ANP32E. Nature Communications, 2020, 11, 5063.	12.8	29
11	Sequences Sufficient for Programming Imprinted Germline DNA Methylation Defined. PLoS ONE, 2012, 7, e33024.	2.5	13
12	Maintenance of spatial gene expression by Polycomb-mediated repression after formation of a vertebrate body plan. Development (Cambridge), 2019, 146, .	2.5	13
13	Establishment of developmental gene silencing by ordered polycomb complex recruitment in early zebrafish embryos. ELife, 2022, 11, .	6.0	13
14	NRF2 loss recapitulates heritable impacts of paternal cigarette smoke exposure. PLoS Genetics, 2020, 16, e1008756.	3.5	11
15	Identification of chromatin states during zebrafish gastrulation using <scp>CUT</scp> & <scp>RUN</scp> and <scp>CUT</scp> &Tag. Developmental Dynamics, 2022, 251, 729-742.	1.8	10
16	The histone chaperone Anp32e regulates memory formation, transcription, and dendritic morphology by regulating steady-state H2A.Z binding in neurons. Cell Reports, 2021, 36, 109551.	6.4	8
17	Subtype-Independent ANP32E Reduction During Breast Cancer Progression in Accordance with Chromatin Relaxation. BMC Cancer, 2021, 21, 1342.	2.6	5
18	Epigenetic Changes in the Paternal Germline. , 2014, , 43-55.		2

Epigenetic Changes in the Paternal Germline. , 2014, , 43-55. 18

#	Article	IF	CITATIONS
19	Rolling uphill: in vivo reacquisition of pluripotency during cranial neural crest differentiation. Communications Biology, 2021, 4, 626.	4.4	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.		Ο
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.		Ο
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