

Edward R Morrissey

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,823
citations

567281

15
h-index

610901

24
g-index

28
all docs

28
docs citations

28
times ranked

3102
citing authors

#	ARTICLE	IF	CITATIONS
1	Defining Stem Cell Dynamics in Models of Intestinal Tumor Initiation. <i>Science</i> , 2013, 342, 995-998.	12.6	355
2	Spatiotemporal analysis of human intestinal development at single-cell resolution. <i>Cell</i> , 2021, 184, 810-826.e23.	28.9	263
3	Continuous Clonal Labeling Reveals Small Numbers of Functional Stem Cells in Intestinal Crypts and Adenomas. <i>Cell Stem Cell</i> , 2013, 13, 626-633.	11.1	188
4	The dynamic architecture of the metabolic switch in <i>Streptomyces coelicolor</i> . <i>BMC Genomics</i> , 2010, 11, 10.	2.8	171
5	Stem cell functionality is microenvironmentally defined during tumour expansion and therapy response in colon cancer. <i>Nature Cell Biology</i> , 2018, 20, 1193-1202.	10.3	138
6	Apc-mutant cells act as supercompetitors in intestinal tumour initiation. <i>Nature</i> , 2021, 594, 436-441.	27.8	108
7	Single-Cell Proteomics Reveal that Quantitative Changes in Co-expressed Lineage-Specific Transcription Factors Determine Cell Fate. <i>Cell Stem Cell</i> , 2019, 24, 812-820.e5.	11.1	99
8	Fixation and Spread of Somatic Mutations in Adult Human Colonic Epithelium. <i>Cell Stem Cell</i> , 2018, 22, 909-918.e8.	11.1	89
9	Phospho-regulation of ATOH1 Is Required for Plasticity of Secretory Progenitors and Tissue Regeneration. <i>Cell Stem Cell</i> , 2018, 23, 436-443.e7.	11.1	74
10	Spatiotemporal regulation of clonogenicity in colorectal cancer xenografts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6140-6145.	7.1	60
11	Metabolic Switches and Adaptations Deduced from the Proteomes of <i>Streptomyces coelicolor</i> Wild Type and phoP Mutant Grown in Batch Culture. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.013797.	3.8	54
12	Different developmental histories of beta-cells generate functional and proliferative heterogeneity during islet growth. <i>Nature Communications</i> , 2017, 8, 664.	12.8	53
13	Pomelo II: finding differentially expressed genes. <i>Nucleic Acids Research</i> , 2009, 37, W581-W586.	14.5	42
14	Inferring the time-invariant topology of a nonlinear sparse gene regulatory network using fully Bayesian spline autoregression. <i>Biostatistics</i> , 2011, 12, 682-694.	1.5	30
15	The onset of circulation triggers a metabolic switch required for endothelial to hematopoietic transition. <i>Cell Reports</i> , 2021, 37, 110103.	6.4	17
16	A KMT2A-AFF1 gene regulatory network highlights the role of core transcription factors and reveals the regulatory logic of key downstream target genes. <i>Genome Research</i> , 2021, 31, 1159-1173.	5.5	16
17	Asterias: integrated analysis of expression and aCGH data using an open-source, web-based, parallelized software suite. <i>Nucleic Acids Research</i> , 2007, 35, W75-W80.	14.5	14
18	Single-cell fate decisions of bipotential hematopoietic progenitors. <i>Current Opinion in Hematology</i> , 2020, 27, 232-240.	2.5	13

#	ARTICLE	IF	CITATIONS
19	Continuous clonal labeling reveals uniform progenitor potential in the adult exocrine pancreas. <i>Cell Stem Cell</i> , 2021, 28, 2009-2019.e4.	11.1	11
20	Oncogenic Gata1 causes stage-specific megakaryocyte differentiation delay. <i>Haematologica</i> , 2021, 106, 1106-1119.	3.5	8
21	Stem cell competition: how speeding mutants beat the rest. <i>EMBO Journal</i> , 2014, 33, 2277-2278.	7.8	6
22	A Diffusion-like Process Accommodates New Crypts During Clonal Expansion in Human Colonic Epithelium. <i>Gastroenterology</i> , 2021, 161, 548-559.e23.	1.3	6
23	Quantifying Microsatellite Mutation Rates from Intestinal Stem Cell Dynamics in Msh2-Deficient Murine Epithelium. <i>Genetics</i> , 2019, 212, 655-665.	2.9	3
24	On line Release Simulator of Radioactive Beams produced by ISOL technique. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	2
25	Heterogeneity in clone dynamics within and adjacent to intestinal tumours identified by Dre-mediated lineage tracing. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	2.4	1