Richard M White

List of Publications by Year
in descending order

42 papers	2,995 citations	257450 24 h-index	302126 39 g-index
62 all docs	62 docs citations	62 times ranked	5343 citing authors

#	Article	IF	Citations
1	Zebrafish cancer: the state of the art and the path forward. Nature Reviews Cancer, 2013, 13, 624-636.	28.4	349
2	A zebrafish melanoma model reveals emergence of neural crest identity during melanoma initiation. Science, 2016, 351, aad2197.	12.6	339
3	Adipocyte-Derived Lipids Mediate Melanoma Progression via FATP Proteins. Cancer Discovery, 2018, 8, 1006-1025.	9.4	248
4	As Extracellular Glutamine Levels Decline, Asparagine Becomes an Essential Amino Acid. Cell Metabolism, 2018, 27, 428-438.e5.	16.2	220
5	The Role of Lineage Plasticity in Prostate Cancer Therapy Resistance. Clinical Cancer Research, 2019, 25, 6916-6924.	7.0	200
6	T-Lymphoblastic Lymphoma Cells Express High Levels of BCL2, S1P1, and ICAM1, Leading to a Blockade of Tumor Cell Intravasation. Cancer Cell, 2010, 18, 353-366.	16.8	141
7	Chemical genetic screening in the zebrafish embryo. Nature Protocols, 2009, 4, 1422-1432.	12.0	139
8	Microenvironment-derived factors driving metastatic plasticity in melanoma. Nature Communications, 2017, 8, 14343.	12.8	119
9	A Quantitative System for Studying Metastasis Using Transparent Zebrafish. Cancer Research, 2015, 75, 4272-4282.	0.9	113
10	Spatially resolved transcriptomics reveals the architecture of the tumor-microenvironment interface. Nature Communications, 2021, 12, 6278.	12.8	112
11	Melanoma models for the next generation of therapies. Cancer Cell, 2021, 39, 610-631.	16.8	90
12	A defect in the mitochondrial protein Mpv17 underlies the transparent casper zebrafish. Developmental Biology, 2017, 430, 11-17.	2.0	87
13	Developmental chromatin programs determine oncogenic competence in melanoma. Science, 2021, 373, eabc1048.	12.6	80
14	Stress from Nucleotide Depletion Activates the Transcriptional Regulator HEXIM1 to Suppress Melanoma. Molecular Cell, 2016, 62, 34-46.	9.7	71
15	Modeling Cancer with Flies and Fish. Developmental Cell, 2019, 49, 317-324.	7.0	68
16	The Stress-Like Cancer Cell State Is a Consistent Component of Tumorigenesis. Cell Systems, 2020, 11, 536-546.e7.	6.2	65
17	A Multiplex Human Pluripotent Stem Cell Platform Defines Molecular and Functional Subclasses of Autism-Related Genes. Cell Stem Cell, 2020, 27, 35-49.e6.	11.1	56
18	Zebrafish models of cancer: progress and future challenges. Current Opinion in Genetics and Development, 2014, 24, 38-45.	3.3	49

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19	Anatomic position determines oncogenic specificity in melanoma. Nature, 2022, 604, 354-361.	27.8	44
20	The genetic heterogeneity and mutational burden of engineered melanomas in zebrafish models. Genome Biology, 2013, 14, R113.	9.6	40
21	Cancer modeling by Transgene Electroporation in Adult Zebrafish (TEAZ). DMM Disease Models and Mechanisms, 2018, 11, .	2.4	40
22	An IRAK1â€“PIN1 signalling axis drives intrinsic tumour resistance to radiation therapy. Nature Cell Biology, 2019, 21, 203-213.	10.3	38
23	Cooperation between melanoma cell states promotes metastasis through heterotypic cluster formation. Developmental Cell, 2021, 56, 2808-2825.e10.	7.0	37
24	Deconstructing tumor heterogeneity: the stromal perspective. Oncotarget, 2020, 11, 3621-3632.	1.8	29
25	Regulation of the error-prone DNA polymerase Polκ by oncogenic signaling and its contribution to drug resistance. Science Signaling, 2020, 13, .	3.6	26
26	Transplantation in Zebrafish. Methods in Cell Biology, 2011, 105, 403-417.	1.1	25
27	An in vivo reporter for tracking lipid droplet dynamics in transparent zebrafish. ELife, 2021, 10, .	6.0	18
28	Distant Insulin Signaling Regulates Vertebrate Pigmentation through the Sheddase Bace2. Developmental Cell, 2018, 45, 580-594.e7.	7.0	17
29	Cross-species oncogenomics using zebrafish models of cancer. Current Opinion in Genetics and Development, 2015, 30, 73-79.	3.3	13
30	Melanoma genome evolution across species. BMC Genomics, 2017, 18, 136.	2.8	12
31	Active receptor tyrosine kinases, but not Brachyury, are sufficient to trigger chordoma in zebrafish. DMM Disease Models and Mechanisms, 2019, 12, .	2.4	12
32	Rational Design of Polyglutamic Acid Delivering an Optimized Combination of Drugs Targeting Mutated BRAF and MEK in Melanoma. Advanced Therapeutics, 2020, 3, 2000028.	3.2	9
33	SATB2 induction of a neural crest mesenchyme-like program drives melanoma invasion and drug resistance. ELife, 2021, 10, .	6.0	9
34	Tumor diversity and evolution revealed through RADseq. Oncotarget, 2017, 8, 41792-41805.	1.8	9
35	Cancer stem cells: advances in biology and clinical translationâ€”a Keystone Symposia report. Annals of the New York Academy of Sciences, 2021, 1506, 142-163.	3.8	8
36	Genomic Approaches to Zebrafish Cancer. Advances in Experimental Medicine and Biology, 2016, 916, 125-145.	1.6	5

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37	Bioluminescent Zebrafish Transplantation Model for Drug Discovery. Frontiers in Pharmacology, 2022, 13, 893655.	3.5	5
38	Unraveling the cartography of the cancer ecosystem. Genome Biology, 2021, 22, 87.	8.8	4
39	Zebrafish as a New Model to Study the Crosstalk between Tumor and Host Metabolism. Trends in Cancer, 2021, 7, 661-663.	7.4	4
40	The Aged Microenvironment of Melanoma Feeds Escape from Targeted Therapy. Cancer Discovery, 2020, 10, 1255-1257.	9.4	0
41	Investigating the Metabolism of Melanocyte Development. FASEB Journal, 2022, 36, .	0.5	0
42	Drug-Eluting Rubber Bands for Tissue Ligation. ACS Applied Materials & Interfaces, 2022, 14, 27675-27685.	8.0	0