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List of Publications by Year
in descending order

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20 papers	2,522 citations	858243 12 h-index	843174 20 g-index
21 all docs	21 docs citations	21 times ranked	5288 citing authors

#	Article	IF	Citations
1	Engineered CRISPR-Cas9 nucleases with altered PAM specificities. Nature, 2015, 523, 481-485.	13.7	1,388
2	Extreme Vulnerability of IDH1 Mutant Cancers to NAD+ Depletion. Cancer Cell, 2015, 28, 773-784.	7.7	327
3	Development of covalent inhibitors that can overcome resistance to first-generation FGFR kinase inhibitors. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4869-77.	3.3	154
4	Discovering chemical modifiers of oncogene-regulated hematopoietic differentiation. Nature Chemical Biology, 2009, 5, 236-243.	3.9	149
5	CRISPR prime editing with ribonucleoprotein complexes in zebrafish and primary human cells. Nature Biotechnology, 2022, 40, 189-193.	9.4	118
6	AML1-ETO reprograms hematopoietic cell fate by downregulatingsclexpression. Development (Cambridge), 2008, 135, 401-410.	1.2	111
7	Dopaminergic control of anxiety in young and aged zebrafish. Pharmacology Biochemistry and Behavior, 2017, 157, 1-8.	1.3	59
8	Cas9-Based Genome Editing in Zebrafish. Methods in Enzymology, 2014, 546, 377-413.	0.4	41
9	Ïf1 receptor ligands control a switch between passive and active threat responses. Nature Chemical Biology, 2016, 12, 552-558.	3.9	37
10	MIC-Drop: A platform for large-scale in vivo CRISPR screens. Science, 2021, 373, 1146-1151.	6.0	36
11	Methods for targeted mutagenesis in zebrafish using TALENs. Methods, 2014, 69, 76-84.	1.9	30
12	Ref-1 redox activity alters cancer cell metabolism in pancreatic cancer: exploiting this novel finding as a potential target. Journal of Experimental and Clinical Cancer Research, 2021, 40, 251.	3.5	23
13	Genetic deletion of gpr27 alters acylcarnitine metabolism, insulin sensitivity, and glucose homeostasis in zebrafish. FASEB Journal, 2020, 34, 1546-1557.	0.2	13
14	An Asp to Strike Out Cancer? Therapeutic Possibilities Arising from Aspartateâ€™s Emerging Roles in Cell Proliferation and Survival. Biomolecules, 2021, 11, 1666.	1.8	10
15	Nitrogen Trapping as a Therapeutic Strategy in Tumors with Mitochondrial Dysfunction. Cancer Research, 2020, 80, 3492-3506.	0.4	8
16	Approaches to Inactivate Genes in Zebrafish. Advances in Experimental Medicine and Biology, 2016, 916, 61-86.	0.8	5
17	Noncanonical translation via deadenylated 3â€² UTRs maintains primordial germ cells. Nature Chemical Biology, 2018, 14, 844-852.	3.9	5
18	Zebrafish Small Molecule Screen in Reprogramming/Cell Fate Modulation. Methods in Molecular Biology, 2010, 636, 317-327.	0.4	4

#	Article	IF	Citations
19	A Wnt Inhibitor with a Twist. Chemistry and Biology, 2011, 18, 1518-1520.	6.2	1
20	Abstract 2009: Elucidating the mechanistic effect of targeting Ref-1 redox function on MPNST survival signaling using patient-derived xenolines. Cancer Research, 2022, 82, 2009-2009.	0.4	0