Tenghui Chen

List of Publications by Year
in descending order

17 papers	**14,747** citations	567281 **15** h-index
888059 **17** g-index		

17 all docs	**17** docs citations	**17** times ranked
35456 citing authors		

#	Article	IF	Citations
1	A global reference for human genetic variation. Nature, 2015, 526, 68-74.	27.8	13,998
2	Identification of Variant-Specific Functions of <i>PIK3CA</i> by Rapid Phenotyping of Rare Mutations. Cancer Research, 2015, 75, 5341-5354.	0.9	130
3	novoBreak: local assembly for breakpoint detection in cancer genomes. Nature Methods, 2017, 14, 65-67.	19.0	93
4	Clinical Actionability Enhanced through Deep Targeted Sequencing of Solid Tumors. Clinical Chemistry, 2015, 61, 544-553.	3.2	85
5	ErbB2 Pathway Activation upon Smad4 Loss Promotes Lung Tumor Growth and Metastasis. Cell Reports, 2015, 10, 1599-1613.	6.4	70
6	TransVar: a multilevel variant annotator for precision genomics. Nature Methods, 2015, 12, 1002-1003.	19.0	67
7	REGÎ³ is critical for skin carcinogenesis by modulating the Wnt/Î²-catenin pathway. Nature Communications, 2015, 6, 6875.	12.8	62
8	Bias from removing read duplication in ultra-deep sequencing experiments. Bioinformatics, 2014, 30, 1073-1080.	4.1	39
9	ERK3 regulates TDP2-mediated DNA damage response and chemoresistance in lung cancer cells. Oncotarget, 2016, 7, 6665-6675.	1.8	32
10	Hotspot mutations delineating diverse mutational signatures and biological utilities across cancer types. BMC Genomics, 2016, 17, 394.	2.8	28
11	Steroid Receptor Coactivator 3 Is Required for Clearing Bacteria and Repressing Inflammatory Response in <i>Escherichia coli</i>-Induced Septic Peritonitis. Journal of Immunology, 2010, 185, 5444-5452.	0.8	26
12	Mycoepoxydiene inhibits activation of BV2 microglia stimulated by lipopolysaccharide through suppressing NF-Î⁰B, ERK 1/2 and toll-like receptor pathways. International Immunopharmacology, 2014, 19, 88-93.	3.8	26
13	SRC-3 is required for CAR-regulated hepatocyte proliferation and drug metabolism. Journal of Hepatology, 2012, 56, 210-217.	3.7	23
14	Cancer driver mutation prediction through Bayesian integration of multi-omic data. PLoS ONE, 2018, 13, e0196939.	2.5	23
15	Mycoepoxydiene Inhibits Lipopolysaccharide-Induced Inflammatory Responses through the of TRAF6 Polyubiquitination. PLoS ONE, 2012, 7, e44890.	2.5	21
16	<scp>REG</scp>Î³ accelerates melanoma formation by regulating Wnt/Î²â€catenin signalling pathway. Experimental Dermatology, 2017, 26, 1118-1124.	2.9	16
17	Differential proteomic profiling of primary and recurrent chordomas. Oncology Reports, 2015, 33, 2207-2218.	2.6	8