Manway Liu

List of Publications by Year
in descending order

16 papers	**11,531** citations	471509 **17** h-index	888059 **17** g-index
17 all docs	**17** docs citations	**17** times ranked	**23592** citing authors

#	Article	IF	Citations
1	The Cancer Cell Line Encyclopedia enables predictive modelling of anticancer drug sensitivity. Nature, 2012, 483, 603-607.	27.8	6,473
2	Next-generation characterization of the Cancer Cell Line Encyclopedia. Nature, 2019, 569, 503-508.	27.8	2,149
3	Variable generalization performance of a deep learning model to detect pneumonia in chest radiographs: A cross-sectional study. PLoS Medicine, 2018, 15, e1002683.	8.4	771
4	Characterization of the Novel and Specific PI3KÎ± Inhibitor NVP-BYL719 and Development of the Patient Stratification Strategy for Clinical Trials. Molecular Cancer Therapeutics, 2014, 13, 1117-1129.	4.1	385
5	CDK 4/6 Inhibitors Sensitize PIK3CA Mutant Breast Cancer to PI3K Inhibitors. Cancer Cell, 2014, 26, 136-149.	16.8	375
6	AXL Mediates Resistance to PI3KÎ± Inhibition by Activating the EGFR/PKC/mTOR Axis in Head and Neck and Esophageal Squamous Cell Carcinomas. Cancer Cell, 2015, 27, 533-546.	16.8	263
7	mTORC1 Inhibition Is Required for Sensitivity to PI3K p110Î± Inhibitors in <i>PIK3CA</i> -Mutant Breast Cancer. Science Translational Medicine, 2013, 5, 196ra99.	12.4	251
8	Network-Based Analysis of Affected Biological Processes in Type 2 Diabetes Models. PLoS Genetics, 2007, 3, e96.	3.5	166
9	Deep learning predicts hip fracture using confounding patient and healthcare variables. Npj Digital Medicine, 2019, 2, 31.	10.9	158
10	Defects in muscle branched-chain amino acid oxidation contribute to impaired lipid metabolism. Molecular Metabolism, 2016, 5, 926-936.	6.5	124
11	Accelerated Postnatal Growth Increases Lipogenic Gene Expression and Adipocyte Size in Lowâ€"Birth Weight Mice. Diabetes, 2009, 58, 1192-1200.	0.6	76
12	Loss of Tuberous Sclerosis Complex 2 (TSC2) Is Frequent in Hepatocellular Carcinoma and Predicts Response to mTORC1 Inhibitor Everolimus. Molecular Cancer Therapeutics, 2015, 14, 1224-1235.	4.1	74
13	A Systems Biology Approach Identifies Inflammatory Abnormalities Between Mouse Strains Prior to Development of Metabolic Disease. Diabetes, 2010, 59, 2960-2971.	0.6	69
14	The HSP90 Inhibitor NVP-AUY922 Potently Inhibits Nonâ€"Small Cell Lung Cancer Growth. Molecular Cancer Therapeutics, 2013, 12, 890-900.	4.1	67
15	Carboxyl-Ester Lipase Maturity-Onset Diabetes of the Young Is Associated With Development of Pancreatic Cysts and Upregulated MAPK Signaling in Secretin-Stimulated Duodenal Fluid. Diabetes, 2014, 63, 259-269.	0.6	38
16	Quantifying neurologic disease using biosensor measurements in-clinic and in free-living settings in multiple sclerosis. Npj Digital Medicine, 2019, 2, 123.	10.9	35