Katherine S Yang

List of Publications by Year
in descending order

18 papers	2,373 citations	471509 17 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	4770 citing authors

#	Article	IF	Citations
1	In vivo imaging reveals a tumor-associated macrophage–mediated resistance pathway in anti–PD-1 therapy. Science Translational Medicine, 2017, 9, .	12.4	466
2	Immune evasion mediated by PD-L1 on glioblastoma-derived extracellular vesicles. Science Advances, 2018, 4, eaar2766.	10.3	416
3	Tumour-associated macrophages act as a slow-release reservoir of nano-therapeutic Pt(IV) pro-drug. Nature Communications, 2015, 6, 8692.	12.8	353
4	Predicting therapeutic nanomedicine efficacy using a companion magnetic resonance imaging nanoparticle. Science Translational Medicine, 2015, 7, 314ra183.	12.4	273
5	Multiparametric plasma EV profiling facilitates diagnosis of pancreatic malignancy. Science Translational Medicine, 2017, 9, .	12.4	211
6	Bioorthogonal Imaging of Aurora Kinase–A in Live Cells. Angewandte Chemie - International Edition, 2012, 51, 6598-6603.	13.8	85
7	Quantitating drug-target engagement in single cells in vitro and in vivo. Nature Chemical Biology, 2017, 13, 168-173.	8.0	81
8	Characterization of single microvesicles in plasma from glioblastoma patients. Neuro-Oncology, 2019, 21, 606-615.	1.2	72
9	Extracellular Vesicle Analysis Allows for Identification of Invasive IPMN. Gastroenterology, 2021, 160, 1345-1358.e11.	1.3	60
10	Computational imaging reveals mitochondrial morphology as a biomarker of cancer phenotype and drug response. Scientific Reports, 2016, 6, 32985.	3.3	58
11	Bioorthogonal Approach to Identify Unsuspected Drug Targets in Live Cells. Angewandte Chemie - International Edition, 2013, 52, 10593-10597.	13.8	51
12	Optimized Near-IR Fluorescent Agents for in Vivo Imaging of Btk Expression. Bioconjugate Chemistry, 2015, 26, 1513-1518.	3.6	46
13	Single cell resolution in vivo imaging of DNA damage following PARP inhibition. Scientific Reports, 2015, 5, 10129.	3.3	45
14	Single-EV analysis (sEVA) of mutated proteins allows detection of stage 1 pancreatic cancer. Science Advances, 2022, 8, eabm3453.	10.3	39
15	Single extracellular vesicle analysis for early cancer detection. Trends in Molecular Medicine, 2022, 28, 681-692.	6.7	29
16	Bead–Based Extracellular Vesicle Analysis Using Flow Cytometry. Advanced Biology, 2020, 4, 2000203.	3.0	15
17	Characterization of Extracellular Vesicles by Surface Plasmon Resonance. Methods in Molecular Biology, 2017, 1660, 133-141.	0.9	13
18	Nanotechnology Platforms for Cancer Exosome Analyses. , 2018, , 119-128.		1