

Katherine S Yang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,373
citations

471061

17
h-index

752256

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. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	466
2	Immune evasion mediated by PD-L1 on glioblastoma-derived extracellular vesicles. <i>Science Advances</i> , 2018, 4, eaar2766.	4.7	416
3	Tumour-associated macrophages act as a slow-release reservoir of nano-therapeutic Pt(IV) pro-drug. <i>Nature Communications</i> , 2015, 6, 8692.	5.8	353
4	Predicting therapeutic nanomedicine efficacy using a companion magnetic resonance imaging nanoparticle. <i>Science Translational Medicine</i> , 2015, 7, 314ra183.	5.8	273
5	Multiparametric plasma EV profiling facilitates diagnosis of pancreatic malignancy. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	211
6	Bioorthogonal Imaging of Aurora Kinase-A in Live Cells. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6598-6603.	7.2	85
7	Quantitating drug-target engagement in single cells in vitro and in vivo. <i>Nature Chemical Biology</i> , 2017, 13, 168-173.	3.9	81
8	Characterization of single microvesicles in plasma from glioblastoma patients. <i>Neuro-Oncology</i> , 2019, 21, 606-615.	0.6	72
9	Extracellular Vesicle Analysis Allows for Identification of Invasive IPMN. <i>Gastroenterology</i> , 2021, 160, 1345-1358.e11.	0.6	60
10	Computational imaging reveals mitochondrial morphology as a biomarker of cancer phenotype and drug response. <i>Scientific Reports</i> , 2016, 6, 32985.	1.6	58
11	Bioorthogonal Approach to Identify Unsuspected Drug Targets in Live Cells. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10593-10597.	7.2	51
12	Optimized Near-IR Fluorescent Agents for in Vivo Imaging of Btk Expression. <i>Bioconjugate Chemistry</i> , 2015, 26, 1513-1518.	1.8	46
13	Single cell resolution in vivo imaging of DNA damage following PARP inhibition. <i>Scientific Reports</i> , 2015, 5, 10129.	1.6	45
14	Single-EV analysis (sEVA) of mutated proteins allows detection of stage 1 pancreatic cancer. <i>Science Advances</i> , 2022, 8, eabm3453.	4.7	39
15	Single extracellular vesicle analysis for early cancer detection. <i>Trends in Molecular Medicine</i> , 2022, 28, 681-692.	3.5	29
16	Bead-Based Extracellular Vesicle Analysis Using Flow Cytometry. <i>Advanced Biology</i> , 2020, 4, 2000203.	3.0	15
17	Characterization of Extracellular Vesicles by Surface Plasmon Resonance. <i>Methods in Molecular Biology</i> , 2017, 1660, 133-141.	0.4	13
18	Nanotechnology Platforms for Cancer Exosome Analyses. , 2018, , 119-128.		1