

Paul R Barber

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

744
citations

623188

14
h-index

676716

22
g-index

28
all docs

28
docs citations

28
times ranked

1348
citing authors

#	ARTICLE	IF	CITATIONS
1	ALIX Regulates Tumor-Mediated Immunosuppression by Controlling EGFR Activity and PD-L1 Presentation. <i>Cell Reports</i> , 2018, 24, 630-641.	2.9	103
2	ROR γ ³ + Innate Lymphoid Cells Promote Lymph Node Metastasis of Breast Cancers. <i>Cancer Research</i> , 2017, 77, 1083-1096.	0.4	93
3	Inhibitor-induced HER2-HER3 heterodimerisation promotes proliferation through a novel dimer interface. <i>ELife</i> , 2018, 7, .	2.8	55
4	The potential of optical proteomic technologies to individualize prognosis and guide rational treatment for cancer patients. <i>Targeted Oncology</i> , 2009, 4, 235-252.	1.7	52
5	How Förster Resonance Energy Transfer Imaging Improves the Understanding of Protein Interaction Networks in Cancer Biology. <i>ChemPhysChem</i> , 2011, 12, 442-461.	1.0	46
6	Effect of Phosphorylation on EGFR Dimer Stability Probed by Single-Molecule Dynamics and FRET/FLIM. <i>Biophysical Journal</i> , 2015, 108, 1013-1026.	0.2	45
7	Global and pixel kinetic data analysis for FRET detection by multi-photon time-domain FLIM. , 2005, 5700, 171.		41
8	Robust Bayesian Fluorescence Lifetime Estimation, Decay Model Selection and Instrument Response Determination for Low-Intensity FLIM Imaging. <i>PLoS ONE</i> , 2016, 11, e0158404.	1.1	38
9	The p97 ^{Ataxin 3} complex regulates homeostasis of the <sc>DNA</sc> damage response E3 ubiquitin ligase <sc>RNF</sc>. <i>EMBO Journal</i> , 2019, 38, e102361.	3.5	38
10	Breast cancer-associated macrophages promote tumorigenesis by suppressing succinate dehydrogenase in tumor cells. <i>Science Signaling</i> , 2020, 13, .	1.6	34
11	The Gray Institute ^{open} ™ high-content, fluorescence lifetime microscopes. <i>Journal of Microscopy</i> , 2013, 251, 154-167.	0.8	30
12	HER2-HER3 dimer quantification by FLIM-FRET predicts breast cancer metastatic relapse independently of HER2 IHC status. <i>Oncotarget</i> , 2016, 7, 51012-51026.	0.8	28
13	FLIMJ: An open-source ImageJ toolkit for fluorescence lifetime image data analysis. <i>PLoS ONE</i> , 2020, 15, e0238327.	1.1	23
14	Electrically tunable fluidic lens imaging system for laparoscopic fluorescence-guided surgery. <i>Biomedical Optics Express</i> , 2017, 8, 3232.	1.5	21
15	Feedback activation of HER3 attenuates response to EGFR inhibitors in colon cancer cells. <i>Oncotarget</i> , 2017, 8, 4277-4288.	0.8	20
16	The TH1 cell lineage-determining transcription factor T-bet suppresses TH2 gene expression by redistributing GATA3 away from TH2 genes. <i>Nucleic Acids Research</i> , 2022, 50, 4557-4573.	6.5	16
17	HER2-HER3 Heterodimer Quantification by FRET-FLIM and Patient Subclass Analysis of the COIN Colorectal Trial. <i>Journal of the National Cancer Institute</i> , 2020, 112, 944-954.	3.0	11
18	ImmunoCluster provides a computational framework for the nonspecialist to profile high-dimensional cytometry data. <i>ELife</i> , 2021, 10, .	2.8	11

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19	Osimertinib and anti-HER3 combination therapy engages immune dependent tumor toxicity via STING activation in trans. <i>Cell Death and Disease</i> , 2022, 13, 274.	2.7	11
20	Imaging tumour heterogeneity of the consequences of a PKC ϵ substrate interaction in breast cancer patients. <i>Biochemical Society Transactions</i> , 2014, 42, 1498-1505.	1.6	10
21	A method for accurate spatial registration of PET images and histopathology slices. <i>EJNMMI Research</i> , 2015, 5, 64.	1.1	6
22	The Gray Institute open microscopes applied to radiobiology and protein interaction studies. , 2014, , .		5
23	HER2 Mediates PSMA/mGluR1-Driven Resistance to the DS-7423 Dual PI3K/mTOR Inhibitor in PTEN Wild-type Prostate Cancer Models. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 667-676.	1.9	5
24	Immunocluster: A Computational Tool to Explore the Immune Profile and Cellular Heterogeneity of Hematological Diseases Using Liquid and Imaging Mass, and Flow Cytometry Data. <i>Blood</i> , 2020, 136, 9-10.	0.6	1