Elmar Bucher

List of Publications by Year
in descending order

11 papers	**544** citations	1163117 **8** h-index	1281871 **11** g-index
12 all docs	**12** docs citations	**12** times ranked	**1232** citing authors

#	Article	IF	Citations
1	The Library of Integrated Network-Based Cellular Signatures NIH Program: System-Level Cataloging of Human Cells Response to Perturbations. Cell Systems, 2018, 6, 13-24.	6.2	327
2	Microenvironment-Mediated Mechanisms of Resistance to HER2 Inhibitors Differ between HER2+ Breast Cancer Subtypes. Cell Systems, 2018, 6, 329-342.e6.	6.2	72
3	Enzalutamide response in a panel of prostate cancer cell lines reveals a role for glucocorticoid receptor in enzalutamide resistant disease. Scientific Reports, 2020, 10, 21750.	3.3	34
4	An omic and multidimensional spatial atlas from serial biopsies of an evolving metastatic breast cancer. Cell Reports Medicine, 2022, 3, 100525.	6.5	22
5	Individual Cells Can Resolve Variations in Stimulus Intensity along the IGF-PI3K-AKT Signaling Axis. Cell Systems, 2019, 9, 580-588.e4.	6.2	20
6	The impact of tumor epithelial and microenvironmental heterogeneity on treatment responses in HER2-positive breast cancer. JCI Insight, 2021, 6, .	5.0	20
7	A framework for multiplex imaging optimization and reproducible analysis. Communications Biology, 2022, 5, 438.	4.4	17
8	Using Microarrays to Interrogate Microenvironmental Impact on Cellular Phenotypes in Cancer. Journal of Visualized Experiments, 2019, , .	0.3	16
9	Transcriptional signatures in histologic structures within glioblastoma tumors may predict personalized drug sensitivity and survival. Neuro-Oncology Advances, 2020, 2, vdaa093.	0.7	5
10	Theoretical and experimental analysis of negative dielectrophoresis induced particle trajectories. Electrophoresis, 2022, , .	2.4	4
11	Annot: a Django-based sample, reagent, and experiment metadata tracking system. BMC Bioinformatics, 2019, 20, 542.	2.6	1