

Anne E Carpenter

List of Publications by Year in descending order

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Version: 2024-02-01

152
papers

27,116
citations

14644

66
h-index

8618

146
g-index

190
all docs

190
docs citations

190
times ranked

40778
citing authors

#	ARTICLE	IF	CITATIONS
1	CellProfiler: image analysis software for identifying and quantifying cell phenotypes. <i>Genome Biology</i> , 2006, 7, R100.	13.9	4,287
2	A Lentiviral RNAi Library for Human and Mouse Genes Applied to an Arrayed Viral High-Content Screen. <i>Cell</i> , 2006, 124, 1283-1298.	13.5	1,603
3	CellProfiler 3.0: Next-generation image processing for biology. <i>PLoS Biology</i> , 2018, 16, e2005970.	2.6	1,547
4	Opportunities and obstacles for deep learning in biology and medicine. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20170387.	1.5	1,282
5	mTOR Complex 1 Regulates Lipin 1 Localization to Control the SREBP Pathway. <i>Cell</i> , 2011, 146, 408-420.	13.5	1,002
6	Improved structure, function and compatibility for CellProfiler: modular high-throughput image analysis software. <i>Bioinformatics</i> , 2011, 27, 1179-1180.	1.8	948
7	CellProfiler: free, versatile software for automated biological image analysis. <i>BioTechniques</i> , 2007, 42, 71-75.	0.8	801
8	Cell Painting, a high-content image-based assay for morphological profiling using multiplexed fluorescent dyes. <i>Nature Protocols</i> , 2016, 11, 1757-1774.	5.5	608
9	CellProfiler 4: improvements in speed, utility and usability. <i>BMC Bioinformatics</i> , 2021, 22, 433.	1.2	592
10	Data-analysis strategies for image-based cell profiling. <i>Nature Methods</i> , 2017, 14, 849-863.	9.0	535
11	CellProfiler Analyst: data exploration and analysis software for complex image-based screens. <i>BMC Bioinformatics</i> , 2008, 9, 482.	1.2	496
12	Long-Range Directional Movement of an Interphase Chromosome Site. <i>Current Biology</i> , 2006, 16, 825-831.	1.8	493
13	Biological imaging software tools. <i>Nature Methods</i> , 2012, 9, 697-710.	9.0	462
14	In germ cells of mouse embryonic ovaries, the decision to enter meiosis precedes premeiotic DNA replication. <i>Nature Genetics</i> , 2006, 38, 1430-1434.	9.4	453
15	Nucleus segmentation across imaging experiments: the 2018 Data Science Bowl. <i>Nature Methods</i> , 2019, 16, 1247-1253.	9.0	433
16	Annotated high-throughput microscopy image sets for validation. <i>Nature Methods</i> , 2012, 9, 637-637.	9.0	416
17	An algorithm-based topographical biomaterials library to instruct cell fate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16565-16570.	3.3	355
18	Scoring diverse cellular morphologies in image-based screens with iterative feedback and machine learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1826-1831.	3.3	345

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19	Systematic genome-wide screens of gene function. <i>Nature Reviews Genetics</i> , 2004, 5, 11-22.	7.7	302
20	The bromodomain protein Brd4 insulates chromatin from DNA damage signalling. <i>Nature</i> , 2013, 498, 246-250.	13.7	278
21	Label-free cell cycle analysis for high-throughput imaging flow cytometry. <i>Nature Communications</i> , 2016, 7, 10256.	5.8	237
22	Identification of Host-Targeted Small Molecules That Restrict Intracellular Mycobacterium tuberculosis Growth. <i>PLoS Pathogens</i> , 2014, 10, e1003946.	2.1	234
23	Identification of small molecules for human hepatocyte expansion and iPSC differentiation. <i>Nature Chemical Biology</i> , 2013, 9, 514-520.	3.9	230
24	Visualization of image data from cells to organisms. <i>Nature Methods</i> , 2010, 7, S26-S41.	9.0	226
25	Multiplex Cytological Profiling Assay to Measure Diverse Cellular States. <i>PLoS ONE</i> , 2013, 8, e80999.	1.1	224
26	Abnormalities in Mitochondrial Structure in Cells from Patients with Bipolar Disorder. <i>American Journal of Pathology</i> , 2010, 177, 575-585.	1.9	216
27	Cell microarrays and RNA interference chip away at gene function. <i>Nature Genetics</i> , 2005, 37, S25-S30.	9.4	211
28	Reconstructing cell cycle and disease progression using deep learning. <i>Nature Communications</i> , 2017, 8, 463.	5.8	210
29	Evaluation of Deep Learning Strategies for Nucleus Segmentation in Fluorescence Images. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 952-965.	1.1	205
30	The Spemann organizer gene, Goosecoid, promotes tumor metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 18969-18974.	3.3	201
31	A Microscale Human Liver Platform that Supports the Hepatic Stages of <i>Plasmodium falciparum</i> and <i>vivax</i> . <i>Cell Host and Microbe</i> , 2013, 14, 104-115.	5.1	195
32	Image-based profiling for drug discovery: due for a machine-learning upgrade?. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 145-159.	21.5	194
33	High-Throughput Screen for Novel Antimicrobials using a Whole Animal Infection Model. <i>ACS Chemical Biology</i> , 2009, 4, 527-533.	1.6	191
34	Toward performance-diverse small-molecule libraries for cell-based phenotypic screening using multiplexed high-dimensional profiling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10911-10916.	3.3	191
35	BRCA1-induced large-scale chromatin unfolding and allele-specific effects of cancer-predisposing mutations. <i>Journal of Cell Biology</i> , 2001, 155, 911-922.	2.3	181
36	Human tumors instigate granulosa-expressing hematopoietic cells that promote malignancy by activating stromal fibroblasts in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 784-799.	3.9	177

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37	Repurposing High-Throughput Image Assays Enables Biological Activity Prediction for Drug Discovery. <i>Cell Chemical Biology</i> , 2018, 25, 611-618.e3.	2.5	176
38	Comparison of Methods for Image-Based Profiling of Cellular Morphological Responses to Small-Molecule Treatment. <i>Journal of Biomolecular Screening</i> , 2013, 18, 1321-1329.	2.6	166
39	Increasing the Content of High-Content Screening: An Overview. <i>Journal of Biomolecular Screening</i> , 2014, 19, 640-650.	2.6	166
40	In Vivo HP1 Targeting Causes Large-Scale Chromatin Condensation and Enhanced Histone Lysine Methylation. <i>Molecular and Cellular Biology</i> , 2005, 25, 4552-4564.	1.1	165
41	Imagining the future of bioimage analysis. <i>Nature Biotechnology</i> , 2016, 34, 1250-1255.	9.4	162
42	An image analysis toolbox for high-throughput <i>C. elegans</i> assays. <i>Nature Methods</i> , 2012, 9, 714-716.	9.0	154
43	Genetic Architecture of Hsp90-Dependent Drug Resistance. <i>Eukaryotic Cell</i> , 2006, 5, 2184-2188.	3.4	149
44	Image-based chemical screening. <i>Nature Chemical Biology</i> , 2007, 3, 461-465.	3.9	142
45	Ligand-Mediated Assembly and Real-Time Cellular Dynamics of Estrogen Receptor \pm -Coactivator Complexes in Living Cells. <i>Molecular and Cellular Biology</i> , 2001, 21, 4404-4412.	1.1	141
46	RNAi living-cell microarrays for loss-of-function screens in <i>Drosophila melanogaster</i> cells. <i>Nature Methods</i> , 2004, 1, 127-132.	9.0	136
47	Identification of Regulators of Polyploidization Presents Therapeutic Targets for Treatment of AMKL. <i>Cell</i> , 2012, 150, 575-589.	13.5	136
48	Applications in image-based profiling of perturbations. <i>Current Opinion in Biotechnology</i> , 2016, 39, 134-142.	3.3	133
49	Diagnostic Potential of Imaging Flow Cytometry. <i>Trends in Biotechnology</i> , 2018, 36, 649-652.	4.9	130
50	Systematic morphological profiling of human gene and allele function via Cell Painting. <i>ELife</i> , 2017, 6, .	2.8	129
51	Increased expression of the immune modulatory molecule PD-L1 (CD274) in anaplastic meningioma. <i>Oncotarget</i> , 2015, 6, 4704-4716.	0.8	127
52	Dynamic proteomics in individual human cells uncovers widespread cell-cycle dependence of nuclear proteins. <i>Nature Methods</i> , 2006, 3, 525-531.	9.0	125
53	Large-scale chromatin structure and function. <i>Current Opinion in Cell Biology</i> , 1999, 11, 307-311.	2.6	121
54	Microarrays of lentiviruses for gene function screens in immortalized and primary cells. <i>Nature Methods</i> , 2006, 3, 117-122.	9.0	121

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55	CellProfiler Analyst: interactive data exploration, analysis and classification of large biological image sets. <i>Bioinformatics</i> , 2016, 32, 3210-3212.	1.8	119
56	A call for bioimaging software usability. <i>Nature Methods</i> , 2012, 9, 666-670.	9.0	116
57	ZFX4 Interacts with the NuRD Core Member CHD4 and Regulates the Glioblastoma Tumor-Initiating Cell State. <i>Cell Reports</i> , 2014, 6, 313-324.	2.9	106
58	Niche-based screening identifies small-molecule inhibitors of leukemia stem cells. <i>Nature Chemical Biology</i> , 2013, 9, 840-848.	3.9	103
59	A dataset of images and morphological profiles of 30 000 small-molecule treatments using the Cell Painting assay. <i>GigaScience</i> , 2017, 6, 1-5.	3.3	102
60	Applying Faster R-CNN for Object Detection on Malaria Images. , 2017, 2017, 808-813.		96
61	Alteration of Large-Scale Chromatin Structure by Estrogen Receptor. <i>Molecular and Cellular Biology</i> , 2002, 22, 3437-3449.	1.1	94
62	Systematic, multiparametric analysis of Mycobacterium tuberculosis intracellular infection offers insight into coordinated virulence. <i>PLoS Pathogens</i> , 2017, 13, e1006363.	2.1	94
63	Workflow and Metrics for Image Quality Control in Large-Scale High-Content Screens. <i>Journal of Biomolecular Screening</i> , 2012, 17, 266-274.	2.6	92
64	Introduction to the Quantitative Analysis of Two-Dimensional Fluorescence Microscopy Images for Cell-Based Screening. <i>PLoS Computational Biology</i> , 2009, 5, e1000603.	1.5	91
65	Using CellProfiler for Automatic Identification and Measurement of Biological Objects in Images. <i>Current Protocols in Molecular Biology</i> , 2015, 109, 14.17.1-14.17.13.	2.9	84
66	Pipeline for illumination correction of images for high-throughput microscopy. <i>Journal of Microscopy</i> , 2014, 256, 231-236.	0.8	83
67	An open-source solution for advanced imaging flow cytometry data analysis using machine learning. <i>Methods</i> , 2017, 112, 201-210.	1.9	82
68	Predicting cell health phenotypes using image-based morphology profiling. <i>Molecular Biology of the Cell</i> , 2021, 32, 995-1005.	0.9	71
69	Using CellProfiler for Automatic Identification and Measurement of Biological Objects in Images. <i>Current Protocols in Molecular Biology</i> , 2008, 82, Unit 14.17.	2.9	67
70	Discovery of New Anti-Schistosomal Hits by Integration of QSAR-Based Virtual Screening and High Content Screening. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7075-7088.	2.9	67
71	Distinctive Actions of Membrane-Targeted Versus Nuclear Localized Estrogen Receptors in Breast Cancer Cells. <i>Molecular Endocrinology</i> , 2005, 19, 1606-1617.	3.7	66
72	Mining for osteogenic surface topographies: In silico design to in vivo osseo-integration. <i>Biomaterials</i> , 2017, 137, 49-60.	5.7	66

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73	Label-Free Identification of White Blood Cells Using Machine Learning. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 836-842.	1.1	66
74	CellProfiler Analyst 3.0: accessible data exploration and machine learning for image analysis. <i>Bioinformatics</i> , 2021, 37, 3992-3994.	1.8	66
75	Common Effects of Acidic Activators on Large-Scale Chromatin Structure and Transcription. <i>Molecular and Cellular Biology</i> , 2005, 25, 958-968.	1.1	61
76	Objective assessment of stored blood quality by deep learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21381-21390.	3.3	57
77	Small molecules discovered in a pathway screen target the Rho pathway in cytokinesis. <i>Nature Chemical Biology</i> , 2010, 6, 457-463.	3.9	56
78	Regulation of Nuclear Receptor Transcriptional Activity by a Novel DEAD Box RNA Helicase (DP97). <i>Journal of Biological Chemistry</i> , 2003, 278, 4628-4638.	1.6	55
79	High- and low-throughput scoring of fat mass and body fat distribution in <i>C. elegans</i> . <i>Methods</i> , 2014, 68, 492-499.	1.9	54
80	Visualization of Parameter Space for Image Analysis. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2011, 17, 2402-2411.	2.9	52
81	CP-CHARM: segmentation-free image classification made accessible. <i>BMC Bioinformatics</i> , 2016, 17, 51.	1.2	52
82	A Novel Small Molecule Regulator of Guanine Nucleotide Exchange Activity of the ADP-ribosylation Factor and Golgi Membrane Trafficking. <i>Journal of Biological Chemistry</i> , 2008, 283, 31087-31096.	1.6	51
83	A Chemical Screen Probing the Relationship between Mitochondrial Content and Cell Size. <i>PLoS ONE</i> , 2012, 7, e33755.	1.1	51
84	Open-source deep-learning software for bioimage segmentation. <i>Molecular Biology of the Cell</i> , 2021, 32, 823-829.	0.9	50
85	QSAR-Driven Discovery of Novel Chemical Scaffolds Active against <i>Schistosoma mansoni</i> . <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 1357-1372.	2.5	47
86	Quality Control for High-Throughput Imaging Experiments Using Machine Learning in Cellprofiler. <i>Methods in Molecular Biology</i> , 2018, 1683, 89-112.	0.4	46
87	Leveraging machine vision in cell-based diagnostics to do more with less. <i>Nature Materials</i> , 2019, 18, 414-418.	13.3	44
88	Keras R-CNN: library for cell detection in biological images using deep neural networks. <i>BMC Bioinformatics</i> , 2020, 21, 300.	1.2	44
89	Pharmacological HIF1 α inhibition improves VHL disease-associated phenotypes in zebrafish model. <i>Journal of Clinical Investigation</i> , 2015, 125, 1987-1997.	3.9	43
90	High Content Image Analysis Identifies Novel Regulators of Synaptogenesis in a High-Throughput RNAi Screen of Primary Neurons. <i>PLoS ONE</i> , 2014, 9, e91744.	1.1	42

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91	CellProfiler Tracer: exploring and validating high-throughput, time-lapse microscopy image data. BMC Bioinformatics, 2015, 16, 368.	1.2	38
92	Label-Free Leukemia Monitoring by Computer Vision. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2020, 97, 407-414.	1.1	38
93	Genome-scale RNAi on living-cell microarrays identifies novel regulators of <i>Drosophila melanogaster</i> TORC1-S6K pathway signaling. Genome Research, 2011, 21, 433-446.	2.4	36
94	Quantifying co-cultured cell phenotypes in high-throughput using pixel-based classification. Methods, 2016, 96, 6-11.	1.9	32
95	BIN1 protein isoforms are differentially expressed in astrocytes, neurons, and microglia: neuronal and astrocyte BIN1 are implicated in tau pathology. Molecular Neurodegeneration, 2020, 15, 44.	4.4	32
96	A High-Content Screen Identifies TPP1 and Aurora B as Regulators of Axonal Mitochondrial Transport. Cell Reports, 2019, 28, 3224-3237.e5.	2.9	31
97	Morphological Profiles of RNAi-Induced Gene Knockdown Are Highly Reproducible but Dominated by Seed Effects. PLoS ONE, 2015, 10, e0131370.	1.1	31
98	Capturing single-cell heterogeneity via data fusion improves image-based profiling. Nature Communications, 2019, 10, 2082.	5.8	30
99	Nanoparticle vesicle encoding for imaging and tracking cell populations. Nature Methods, 2014, 11, 1177-1181.	9.0	29
100	Weakly Supervised Learning of Single-Cell Feature Embeddings. , 2018, 2018, 9309-9318.		29
101	Resolving clustered worms via probabilistic shape models. , 2010, 2010, 552-555.		28
102	Extracting Rich Information from Images. Methods in Molecular Biology, 2009, 486, 193-211.	0.4	27
103	Scientific Community Image Forum: A discussion forum for scientific image software. PLoS Biology, 2019, 17, e3000340.	2.6	27
104	Artificial intelligence and cancer. Nature Cancer, 2020, 1, 149-152.	5.7	26
105	Cell Painting predicts impact of lung cancer variants. Molecular Biology of the Cell, 2022, 33, mbcE21110538.	0.9	25
106	An open-source computational tool to automatically quantify immunolabeled retinal ganglion cells. Experimental Eye Research, 2016, 147, 50-56.	1.2	23
107	High-throughput screens for fluorescent dye discovery. Trends in Biotechnology, 2008, 26, 527-530.	4.9	22
108	Software opens the door to quantitative imaging. Nature Methods, 2007, 4, 120-121.	9.0	21

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109	Deepometry, a framework for applying supervised and weakly supervised deep learning to imaging cytometry. <i>Nature Protocols</i> , 2021, 16, 3572-3595.	5.5	21
110	An Intermittent Live Cell Imaging Screen for siRNA Enhancers and Suppressors of a Kinesin-5 Inhibitor. <i>PLoS ONE</i> , 2009, 4, e7339.	1.1	20
111	Developing open-source software for bioimage analysis: opportunities and challenges. <i>F1000Research</i> , 2021, 10, 302.	0.8	20
112	ImageJ and CellProfiler: Complements in Open-Source Bioimage Analysis. <i>Current Protocols</i> , 2021, 1, e89.	1.3	20
113	On the correlation between material-induced cell shape and phenotypical response of human mesenchymal stem cells. <i>Scientific Reports</i> , 2020, 10, 18988.	1.6	19
114	Ultrasome: efficient aberration caller for copy number studies of ultra-high resolution. <i>Bioinformatics</i> , 2009, 25, 1078-1079.	1.8	18
115	Screening Cellular Feature Measurements for Image-Based Assay Development. <i>Journal of Biomolecular Screening</i> , 2010, 15, 840-846.	2.6	18
116	Genes in human obesity loci are causal obesity genes in <i>C. elegans</i> . <i>PLoS Genetics</i> , 2021, 17, e1009736.	1.5	17
117	Predicting drug polypharmacology from cell morphology readouts using variational autoencoder latent space arithmetic. <i>PLoS Computational Biology</i> , 2022, 18, e1009888.	1.5	17
118	The antidepressant drug paroxetine as a new lead candidate in schistosome drug discovery. <i>MedChemComm</i> , 2016, 7, 1176-1182.	3.5	16
119	The new era of quantitative cell imaging—challenges and opportunities. <i>Molecular Cell</i> , 2022, 82, 241-247.	4.5	16
120	2020 BioImage Analysis Survey: Community experiences and needs for the future. <i>Biological Imaging</i> , 2022, 1, .	1.0	15
121	Inter-laboratory automation of the in vitro micronucleus assay using imaging flow cytometry and deep learning. <i>Archives of Toxicology</i> , 2021, 95, 3101-3115.	1.9	14
122	DoGNet: A deep architecture for synapse detection in multiplexed fluorescence images. <i>PLoS Computational Biology</i> , 2019, 15, e1007012.	1.5	12
123	CDy6, a Photostable Probe for Long-Term Real-Time Visualization of Mitosis and Proliferating Cells. <i>Chemistry and Biology</i> , 2015, 22, 299-307.	6.2	11
124	High-content, label-free analysis of proplatelet production from megakaryocytes. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 2701-2711.	1.9	11
125	Designed Surface Topographies Control ICAM-1 Expression in Tonsil-Derived Human Stromal Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 87.	2.0	10
126	ProtocolNavigator: emulation-based software for the design, documentation and reproduction biological experiments. <i>Bioinformatics</i> , 2014, 30, 3440-3442.	1.8	9

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127	A New Image for Cell Sorting. <i>New England Journal of Medicine</i> , 2022, 386, 1755-1758.	13.9	9
128	High-Throughput, Automated Image Processing for Large-Scale Fluorescence Microscopy Experiments. <i>Microscopy and Microanalysis</i> , 2016, 22, 538-539.	0.2	8
129	High-Throughput Platform for Identifying Molecular Factors Involved in Phenotypic Stabilization of Primary Human Hepatocytes In Vitro. <i>Journal of Biomolecular Screening</i> , 2016, 21, 897-911.	2.6	8
130	Harnessing the power of microscopy images to accelerate drug discovery: what are the possibilities?. <i>Expert Opinion on Drug Discovery</i> , 2020, 15, 639-642.	2.5	8
131	Direct Visualization of Transcription Factor-Induced Chromatin Remodeling and Cofactor Recruitment In Vivo. <i>Methods in Enzymology</i> , 2003, 375, 366-381.	0.4	7
132	Resolving cell state in iPSC-derived human neural samples with multiplexed fluorescence imaging. <i>Communications Biology</i> , 2021, 4, 786.	2.0	7
133	Molecular Diversity of Glutamatergic and GABAergic Synapses from Multiplexed Fluorescence Imaging. <i>ENeuro</i> , 2021, 8, ENEURO.0286-20.2020.	0.9	7
134	Automated microscopy identifies estrogen receptor subdomains with large-scale chromatin structure unfolding activity. <i>Cytometry</i> , 2004, 58A, 157-166.	1.8	6
135	Correction for Unadkat et al., An algorithm-based topographical biomaterials library to instruct cell fate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5905-5905.	3.3	6
136	A Genome-wide RNAi Screen for Microtubule Bundle Formation and Lysosome Motility Regulation in <i>Drosophila</i> S2 Cells. <i>Cell Reports</i> , 2016, 14, 611-620.	2.9	6
137	Identification and local delivery of vasodilators for the reduction of ureteral contractions. <i>Nature Biomedical Engineering</i> , 2020, 4, 28-39.	11.6	6
138	A field guide to cultivating computational biology. <i>PLoS Biology</i> , 2021, 19, e3001419.	2.6	6
139	Automated image-based assay for evaluation of HIV neutralization and cell-to-cell fusion inhibition. <i>BMC Infectious Diseases</i> , 2014, 14, 472.	1.3	4
140	A multiparametric activity profiling platform for neuron disease phenotyping and drug screening. <i>Molecular Biology of the Cell</i> , 2022, 33, mbcE21100481.	0.9	4
141	Automated tracking of yeast cell lineages. <i>Proceedings of SPIE</i> , 2010, , .	0.8	2
142	Combining morphological and migration profiles of in vitro time-lapse data. , 2018, , .		2
143	Bridging Domain and Data. <i>Patterns</i> , 2020, 1, 100064.	3.1	2
144	Extracting biomedically important information from large, automated imaging experiments. , 2011, , 1723-1726.		1

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145	Which image-based phenotypes are most promising for using AI to understand cellular functions and why?. <i>Cell Systems</i> , 2021, 12, 384-387.	2.9	1
146	CellProfiler: Open-Source Software to Automatically Quantify Images. <i>Microscopy Today</i> , 2008, 16, 38-39.	0.2	0
147	PI-09 PRECLINICAL TESTING OF SMALL MOLECULE HIF2 [±] INHIBITOR IN ZEBRAFISH AND MOUSE MODELS OF VHL-DEFICIENT RENAL CELL CARCINOMA.. <i>Journal of Urology</i> , 2015, 193, .	0.2	0
148	A well-engineered path into cell biology and academia. <i>Molecular Biology of the Cell</i> , 2020, 31, 2755-2756.	0.9	0
149	A Kinome shRNA Screen to Identify Pathways That Regulate Megakaryocyte Polyploidization and New Targets for Differentiation Therapy. <i>Blood</i> , 2010, 116, 89-89.	0.6	0
150	Distinct Metabolic Dependency of Normal and Leukemic Cells in a Mouse Model. <i>Blood</i> , 2011, 118, 759-759.	0.6	0
151	Niche-Based Screening Reveals Leukemia Stem Cell Specific Therapeutics. <i>Blood</i> , 2011, 118, 760-760.	0.6	0
152	Aldehyde Dehydrogenase 3a2 (Aldh3a2) Represents a Distinct Metabolic Vulnerability in MLL-AF9 AML Leukemia Initiating Cells. <i>Blood</i> , 2012, 120, 208-208.	0.6	0