

Urban Liebel

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29

papers

2,411

citations

18

h-index

31

g-index

31

ext. papers

2,686

ext. citations

8.5

avg, IF

4.1

L-index

#	Paper	IF	Citations
29	Phenotypic profiling of the human genome by time-lapse microscopy reveals cell division genes. <i>Nature</i> , 2010 , 464, 721-7	50.4	668
28	High-throughput RNAi screening by time-lapse imaging of live human cells. <i>Nature Methods</i> , 2006 , 3, 385-90	21.6	320
27	Zebrafish embryos as models for embryotoxic and teratological effects of chemicals. <i>Reproductive Toxicology</i> , 2009 , 28, 245-53	3.4	198
26	Superhydrophobic-superhydrophilic micropatterning: towards genome-on-a-chip cell microarrays. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8424-7	16.4	193
25	Reverse transfection on cell arrays for high content screening microscopy. <i>Nature Protocols</i> , 2007 , 2, 392-9	18.8	162
24	A high-throughput chemically induced inflammation assay in zebrafish. <i>BMC Biology</i> , 2010 , 8, 151	7.3	124
23	Micropilot: automation of fluorescence microscopy-based imaging for systems biology. <i>Nature Methods</i> , 2011 , 8, 246-9	21.6	107
22	Automated high-throughput mapping of promoter-enhancer interactions in zebrafish embryos. <i>Nature Methods</i> , 2009 , 6, 911-6	21.6	92
21	A microscope-based screening platform for large-scale functional protein analysis in intact cells. <i>FEBS Letters</i> , 2003 , 554, 394-8	3.8	83
20	Automated feature detection and imaging for high-resolution screening of zebrafish embryos. <i>BioTechniques</i> , 2011 , 50, 319-24	2.5	55
19	High-content screening microscopy identifies novel proteins with a putative role in secretory membrane traffic. <i>Genome Research</i> , 2004 , 14, 1948-56	9.7	53
18	Generation of orientation tools for automated zebrafish screening assays using desktop 3D printing. <i>BMC Biotechnology</i> , 2014 , 14, 36	3.5	48
17	An RNAi screening platform to identify secretion machinery in mammalian cells. <i>Journal of Biotechnology</i> , 2007 , 129, 352-65	3.7	47
16	Translocation biosensors to study signal-specific nucleo-cytoplasmic transport, protease activity and protein-protein interactions. <i>Traffic</i> , 2005 , 6, 594-606	5.7	37
15	Development of an automated imaging pipeline for the analysis of the zebrafish larval kidney. <i>PLoS ONE</i> , 2013 , 8, e82137	3.7	37
14	Behavioral barcoding in the cloud: embracing data-intensive digital phenotyping in neuropharmacology. <i>Trends in Biotechnology</i> , 2012 , 30, 421-5	15.1	33
13	bHarvester a fast meta search engine of human protein resources. <i>Bioinformatics</i> , 2004 , 20, 1962-3	7.2	30

LIST OF PUBLICATIONS

12	Image-based fluidic sorting system for automated Zebrafish egg sorting into multiwell plates. <i>Journal of the Association for Laboratory Automation</i> , 2011 , 16, 105-11	28
11	Functional profiling: from microarrays via cell-based assays to novel tumor relevant modulators of the cell cycle. <i>Cancer Research</i> , 2005 , 65, 7733-42	10.1 18
10	Facilitating drug discovery: an automated high-content inflammation assay in zebrafish. <i>Journal of Visualized Experiments</i> , 2012 , e4203	1.6 17
9	A Zebrafish Drug-Repurposing Screen Reveals sGC-Dependent and sGC-Independent Pro-Inflammatory Activities of Nitric Oxide. <i>PLoS ONE</i> , 2015 , 10, e0137286	3.7 13
8	Imaging platforms for measurement of membrane trafficking. <i>Methods in Enzymology</i> , 2005 , 404, 8-18	1.7 12
7	Superhydrophob-superhydrophile Mikrostrukturen: Auf dem Weg zum Ein-Genom-Zellmikroarray. <i>Angewandte Chemie</i> , 2011 , 123, 8575-8578	3.6 11
6	Bioinformatic "Harvester": a search engine for genome-wide human, mouse, and rat protein resources. <i>Methods in Enzymology</i> , 2005 , 404, 19-26	1.7 11
5	Methods for Automated High-Throughput Toxicity Testing Using Zebrafish Embryos. <i>Lecture Notes in Computer Science</i> , 2010 , 219-226	0.9 5
4	Sciencenetb-towards a global search and share engine for all scientific knowledge. <i>Bioinformatics</i> , 2011 , 27, 1734-5	7.2 3
3	Ingenieurtechnische Besonderheiten bei der automatischen Handhabung von biologischen Organismen. <i>Automatisierungstechnik</i> , 2011 , 59, 692-698	0.8 2
2	ZebrafishMiner: an open source software for interactive evaluation of domain-specific fluorescence in zebrafish. <i>Current Directions in Biomedical Engineering</i> , 2017 , 3, 199-202	0.5 0
1	Automatische Klassifikation von Bildzeitreihen für toxikologische Hochdurchsatz-Untersuchungen. <i>Automatisierungstechnik</i> , 2011 , 59, 259-268	0.8