

Manuel Gunkel

List of Publications by Year in Descending Order

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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.

11
papers

465
citations

10
h-index

11
g-index

11
ext. papers

517
ext. citations

3.4
avg, IF

2.6
L-index

#	Paper	IF	Citations
11	Hyperparameter optimization for image analysis: application to prostate tissue images and live cell data of virus-infected cells. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019 , 14, 1847-1857	3.9	3
10	Impact of the Assembly-Activating Protein on Molecular Evolution of Synthetic Adeno-Associated Virus Capsids. <i>Human Gene Therapy</i> , 2019 , 30, 21-35	4.8	10
9	Workflows for microscopy image analysis and cellular phenotyping. <i>Journal of Biotechnology</i> , 2017 , 261, 70-75	3.7	14
8	Quantification of telomere features in tumor tissue sections by an automated 3D imaging-based workflow. <i>Methods</i> , 2017 , 114, 60-73	4.6	10
7	Integrated and correlative high-throughput and super-resolution microscopy. <i>Histochemistry and Cell Biology</i> , 2014 , 141, 597-603	2.4	14
6	Correlative light microscopy for high-content screening. <i>BioTechniques</i> , 2013 , 55, 243-52	2.5	18
5	Superresolution imaging of biological nanostructures by spectral precision distance microscopy. <i>Biotechnology Journal</i> , 2011 , 6, 1037-51	5.6	55
4	Localization microscopy reveals expression-dependent parameters of chromatin nanostructure. <i>Biophysical Journal</i> , 2010 , 99, 1358-67	2.9	66
3	Dual color localization microscopy of cellular nanostructures. <i>Biotechnology Journal</i> , 2009 , 4, 927-38	5.6	78
2	High-precision structural analysis of subnuclear complexes in fixed and live cells via spatially modulated illumination (SMI) microscopy. <i>Chromosome Research</i> , 2008 , 16, 367-82	4.4	60
1	SPDM: light microscopy with single-molecule resolution at the nanoscale. <i>Applied Physics B: Lasers and Optics</i> , 2008 , 93, 1-12	1.9	137