

Manuel Gunkel

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

544
citations

933264

10
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

649
citing authors

#	ARTICLE	IF	CITATIONS
1	SPDM: light microscopy with single-molecule resolution at the nanoscale. Applied Physics B: Lasers and Optics, 2008, 93, 1-12.	1.1	159
2	Dual color localization microscopy of cellular nanostructures. Biotechnology Journal, 2009, 4, 927-938.	1.8	83
3	Localization Microscopy Reveals Expression-Dependent Parameters of Chromatin Nanostructure. Biophysical Journal, 2010, 99, 1358-1367.	0.2	73
4	High-precision structural analysis of subnuclear complexes in fixed and live cells via spatially modulated illumination (SMI) microscopy. Chromosome Research, 2008, 16, 367-382.	1.0	67
5	Superresolution imaging of biological nanostructures by spectral precision distance microscopy. Biotechnology Journal, 2011, 6, 1037-1051.	1.8	63
6	Workflows for microscopy image analysis and cellular phenotyping. Journal of Biotechnology, 2017, 261, 70-75.	1.9	23
7	Correlative light microscopy for high-content screening. BioTechniques, 2013, 55, 243-252.	0.8	22
8	Integrated and correlative high-throughput and super-resolution microscopy. Histochemistry and Cell Biology, 2014, 141, 597-603.	0.8	19
9	Quantification of telomere features in tumor tissue sections by an automated 3D imaging-based workflow. Methods, 2017, 114, 60-73.	1.9	15
10	Impact of the Assembly-Activating Protein on Molecular Evolution of Synthetic Adeno-Associated Virus Capsids. Human Gene Therapy, 2019, 30, 21-35.	1.4	14
11	Hyperparameter optimization for image analysis: application to prostate tissue images and live cell data of virus-infected cells. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1847-1857.	1.7	6