

Nils M Kronenberg

List of Publications by Year in descending order

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32
papers

1,956
citations

430874

18
h-index

477307

29
g-index

35
all docs

35
docs citations

35
times ranked

2948
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Solution-Processed Bulk Heterojunction Solar Cells by Antiparallel Supramolecular Arrangement of Dipolar Donor-Acceptor Dyes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11628-11632.	13.8	239
2	Two Novel Cyclopentadithiophene-Based Alternating Copolymers as Potential Donor Components for High-Efficiency Bulk-Heterojunction-Type Solar Cells. <i>Chemistry of Materials</i> , 2008, 20, 4045-4050.	6.7	179
3	Bulk heterojunction organic solar cells based on merocyanine colorants. <i>Chemical Communications</i> , 2008, , 6489.	4.1	172
4	An exciton-polariton laser based on biologically produced fluorescent protein. <i>Science Advances</i> , 2016, 2, e1600666.	10.3	159
5	Lasing within Live Cells Containing Intracellular Optical Microresonators for Barcode-Type Cell Tagging and Tracking. <i>Nano Letters</i> , 2015, 15, 5647-5652.	9.1	158
6	Simple, Highly Efficient Vacuum-Processed Bulk Heterojunction Solar Cells Based on Merocyanine Dyes. <i>Advanced Energy Materials</i> , 2011, 1, 888-893.	19.5	141
7	Tailored merocyanine dyes for solution-processed BHJ solar cells. <i>Journal of Materials Chemistry</i> , 2010, 20, 240-243.	6.7	124
8	Flexible and ultra-lightweight polymer membrane lasers. <i>Nature Communications</i> , 2018, 9, 1525.	12.8	122
9	Cortical cell stiffness is independent of substrate mechanics. <i>Nature Materials</i> , 2020, 19, 1019-1025.	27.5	89
10	Direct Comparison of Highly Efficient Solution- and Vacuum-Processed Organic Solar Cells Based on Merocyanine Dyes. <i>Advanced Materials</i> , 2010, 22, 4193-4197.	21.0	84
11	Long-term imaging of cellular forces with high precision by elastic resonator interference stress microscopy. <i>Nature Cell Biology</i> , 2017, 19, 864-872.	10.3	61
12	Effect of Polymer Nanoparticle Formation on the Efficiency of Polythiophene Based Bulk-Heterojunction Solar Cells. <i>Journal of Physical Chemistry C</i> , 2008, 112, 12583-12589.	3.1	60
13	Near-Infrared Absorbing Merocyanine Dyes for Bulk Heterojunction Solar Cells. <i>Organic Letters</i> , 2010, 12, 3666-3669.	4.6	59
14	NIR-Absorbing Merocyanine Dyes for BHJ Solar Cells. <i>Chemistry of Materials</i> , 2014, 26, 4856-4866.	6.7	53
15	Direct measurement of vertical forces shows correlation between mechanical activity and proteolytic ability of invadopodia. <i>Science Advances</i> , 2020, 6, eaax6912.	10.3	35
16	Monolithic Integration of Multi-Color Organic LEDs by Grayscale Lithography. <i>Advanced Materials</i> , 2010, 22, 4634-4638.	21.0	30
17	In-situ modification of PEDOT:PSS work function using alkyl alcohols as secondary processing solvents and their impact on merocyanine based bulk heterojunction solar cells. <i>Organic Electronics</i> , 2015, 21, 171-176.	2.6	28
18	Podocyte injury elicits loss and recovery of cellular forces. <i>Science Advances</i> , 2018, 4, eaap8030.	10.3	17

#	ARTICLE	IF	CITATIONS
19	A simple merocyanine tandem solar cell with extraordinarily high open-circuit voltage. Applied Physics Letters, 2011, 99, 193306.	3.3	15
20	The Role of Metallic Dopants in Improving the Thermal Stability of the Electron Transport Layer in Organic Light-Emitting Diodes. Advanced Optical Materials, 2018, 6, 1800496.	7.3	15
21	Analysis of the Precision, Robustness, and Speed of Elastic Resonator Interference Stress Microscopy. Biophysical Journal, 2018, 114, 2180-2193.	0.5	12
22	Cell Force-Driven Basement Membrane Disruption Fuels EGF- and Stiffness-Induced Invasive Cell Dissemination from Benign Breast Gland Acini. International Journal of Molecular Sciences, 2021, 22, 3962.	4.1	10
23	KIAA0319 influences cilia length, cell migration and mechanical cell-substrate interaction. Scientific Reports, 2022, 12, 722.	3.3	7
24	Optimized solution-processed merocyanine:PCBM organic bulk heterojunction solar cell. Journal of Photonics for Energy, 2011, 1, 011101.	1.3	6
25	Willin/FRMD6 Influences Mechanical Phenotype and Neuronal Differentiation in Mammalian Cells by Regulating ERK1/2 Activity. Frontiers in Cellular Neuroscience, 2020, 14, 552213.	3.7	6
26	Real-time imaging of cellular forces using optical interference. Nature Communications, 2021, 12, 3552.	12.8	5
27	Elastomer based electrically tunable, optical microcavities. Applied Physics Letters, 2016, 109, 171104.	3.3	3
28	Fano-Like Interference in the Emission Spectra of a Multimode Organic Microcavity. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 60-65.	2.9	2
29	Polariton-lasing in microcavities filled with fluorescent proteins. , 2018, , .		2
30	Flexible and Ultra-Lightweight Polymer Membrane Lasers. , 2019, , .		1
31	Towards highly efficient solar cells based on merocyanine dyes. Materials Research Society Symposia Proceedings, 2012, 1390, 24.	0.1	0
32	MICRO-CAVITY BASED FORCE SENSORS - A NOVEL AND SIMPLE INTERFEROMETRIC TOOL FOR CELL-MECHANICAL INVESTIGATIONS. , 2015, , .		0