Benjamin Bammes

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7523126/publications.pdf

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20	71	1937685 4	1588992 8
papers	citations	h-index	g-index

20	20	20	103
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electron backscattered diffraction using a new monolithic direct detector: High resolution and fast acquisition. Ultramicroscopy, 2021, 220, 113160.	1.9	20
2	Automated specimen search in cryo-TEM observation with DIFF-defocus imaging. Journal of Electron Microscopy, 2010, 59, 299-310.	0.9	12
3	An Ultrafast Direct Electron Camera for 4D STEM. Microscopy and Microanalysis, 2021, 27, 1004-1006.	0.4	11
4	Visualizing and Correcting Dynamic Specimen Processes in TEM Using a Direct Detection Device. Microscopy and Microanalysis, 2013, 19, 1320-1321.	0.4	9
5	Multi-Color Electron Microscopy of Cellular Ultrastructure Using 4D-STEM. Microscopy and Microanalysis, 2019, 25, 1060-1061.	0.4	4
6	Low Dose Electron Holography: First Steps. Microscopy and Microanalysis, 2015, 21, 1951-1952.	0.4	3
7	Initial Results from the CryoARM300 and DE-64 Counting. Microscopy and Microanalysis, 2019, 25, 1000-1001.	0.4	3
8	Boosting Contrast of Cryo-EM Images Without a Phase Plate. Microscopy and Microanalysis, 2015, 21, 911-912.	0.4	2
9	From Scintillator-based Detector to Direct Electron Detector: High Performance of Next Generation of Camera for In-situ TEM Testing and TEM Imaging. Microscopy and Microanalysis, 2015, 21, 343-344.	0.4	2
10	Subsampled Acquisition to Increase Speed and Reduce Data Size for In Situ TEM. Microscopy and Microanalysis, 2019, 25, 1466-1467.	0.4	2
11	Empirically modeling polymer collapse in a poor solvent via a non-equilibrium, granular chain experiment. Granular Matter, 2014, 16, 259-268.	2.2	1
12	What Can We Learn from the Shapes of Secondary Electron Puddles on Direct Electron Detectors?. Microscopy and Microanalysis, 2017, 23, 190-191.	0.4	1
13	A Novel Event-Based Active Pixel Sensor for Cryo-EM Electron Counting. Microscopy and Microanalysis, 2021, 27, 1334-1336.	0.4	1
14	Navigating the Job Market for Careers Inside and Outside of Academia.. Microscopy and Microanalysis, 2016, 22, 2076-2077.	0.4	0
15	Effectively Synchronizing 4D-STEM Detectors with Probe Movement. Microscopy and Microanalysis, 2019, 25, 68-69.	0.4	0
16	Making Compressive Sensing Accessible in Scientific Imaging. Microscopy and Microanalysis, 2019, 25, 1684-1685.	0.4	0
17	Opportunities for Electron Backscattered Diffraction Enabled by Direct Electron Detection. Microscopy and Microanalysis, 2020, 26, 1164-1165.	0.4	0
18	Entrepreneurship in the Microscopy Community. Microscopy and Microanalysis, 2020, 26, 922-922.	0.4	0

#	Article	IF	Citations
19	A New Energy-filtering EBSD/TKD Direct Detector. Microscopy and Microanalysis, 2020, 26, 1186-1187.	0.4	0
20	Sub-Ã…ngstrÃ¶m-resolution MicroED Using a Direct Detection Camera. Microscopy and Microanalysis, 2020, 26, 1524-1526.	0.4	0