

Benjamin Bammes

List of Publications by Year in descending order

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

Version: 2024-02-01

20
papers

71
citations

1937685
4
h-index

1588992
8
g-index

20
all docs

20
docs citations

20
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron backscattered diffraction using a new monolithic direct detector: High resolution and fast acquisition. <i>Ultramicroscopy</i> , 2021, 220, 113160.	1.9	20
2	An Ultrafast Direct Electron Camera for 4D STEM. <i>Microscopy and Microanalysis</i> , 2021, 27, 1004-1006.	0.4	11
3	A Novel Event-Based Active Pixel Sensor for Cryo-EM Electron Counting. <i>Microscopy and Microanalysis</i> , 2021, 27, 1334-1336.	0.4	1
4	Opportunities for Electron Backscattered Diffraction Enabled by Direct Electron Detection. <i>Microscopy and Microanalysis</i> , 2020, 26, 1164-1165.	0.4	0
5	Entrepreneurship in the Microscopy Community. <i>Microscopy and Microanalysis</i> , 2020, 26, 922-922.	0.4	0
6	A New Energy-filtering EBSD/TKD Direct Detector. <i>Microscopy and Microanalysis</i> , 2020, 26, 1186-1187.	0.4	0
7	Sub-Ångström-resolution MicroED Using a Direct Detection Camera. <i>Microscopy and Microanalysis</i> , 2020, 26, 1524-1526.	0.4	0
8	Effectively Synchronizing 4D-STEM Detectors with Probe Movement. <i>Microscopy and Microanalysis</i> , 2019, 25, 68-69.	0.4	0
9	Multi-Color Electron Microscopy of Cellular Ultrastructure Using 4D-STEM. <i>Microscopy and Microanalysis</i> , 2019, 25, 1060-1061.	0.4	4
10	Making Compressive Sensing Accessible in Scientific Imaging. <i>Microscopy and Microanalysis</i> , 2019, 25, 1684-1685.	0.4	0
11	Initial Results from the CryoARM300 and DE-64 Counting. <i>Microscopy and Microanalysis</i> , 2019, 25, 1000-1001.	0.4	3
12	Subsampled Acquisition to Increase Speed and Reduce Data Size for In Situ TEM. <i>Microscopy and Microanalysis</i> , 2019, 25, 1466-1467.	0.4	2
13	What Can We Learn from the Shapes of Secondary Electron Puddles on Direct Electron Detectors?. <i>Microscopy and Microanalysis</i> , 2017, 23, 190-191.	0.4	1
14	Navigating the Job Market for Careers Inside and Outside of Academia.. <i>Microscopy and Microanalysis</i> , 2016, 22, 2076-2077.	0.4	0
15	Low Dose Electron Holography: First Steps. <i>Microscopy and Microanalysis</i> , 2015, 21, 1951-1952.	0.4	3
16	Boosting Contrast of Cryo-EM Images Without a Phase Plate. <i>Microscopy and Microanalysis</i> , 2015, 21, 911-912.	0.4	2
17	From Scintillator-based Detector to Direct Electron Detector: High Performance of Next Generation of Camera for In-situ TEM Testing and TEM Imaging. <i>Microscopy and Microanalysis</i> , 2015, 21, 343-344.	0.4	2
18	Empirically modeling polymer collapse in a poor solvent via a non-equilibrium, granular chain experiment. <i>Granular Matter</i> , 2014, 16, 259-268.	2.2	1

#	ARTICLE	IF	CITATIONS
19	Visualizing and Correcting Dynamic Specimen Processes in TEM Using a Direct Detection Device. <i>Microscopy and Microanalysis</i> , 2013, 19, 1320-1321.	0.4	9
20	Automated specimen search in cryo-TEM observation with DIFF-defocus imaging. <i>Journal of Electron Microscopy</i> , 2010, 59, 299-310.	0.9	12