Takeo Sasaki

List of Publications by Year
in descending order

10 papers	347 citations	1307594 7 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	480 citing authors

#	Article	IF	Citations
1	Visualizing and identifying single atoms using electron energy-loss spectroscopy with low accelerating voltage. Nature Chemistry, 2009, 1, 415-418.	13.6	152
2	Performance of low-voltage STEM/TEM with delta corrector and cold field emission gun. Journal of Electron Microscopy, 2010, 59, S7-S13.	0.9	98
3	Aberration-corrected STEM/TEM imaging at 15 kV. Ultramicroscopy, 2014, 145, 50-55.	1.9	42
4	Quantitative evaluation of temporal partial coherence using 3D Fourier transforms of through-focus TEM images. Ultramicroscopy, 2013, 134, 86-93.	1.9	15
5	Evaluation of probe size in STEM imaging at 30 and 60kV. Micron, 2012, 43, 551-556.	2.2	14
6	Aberration Correctors Developed Under the Triple C Project. Advances in Imaging and Electron Physics, 2011, 168, 297-336.	0.2	12
7	Resolution enhancement at a large convergence angle by a delta corrector with a CFEG in a low-accelerating-voltage STEM. Micron, 2014, 63, 35-39.	2.2	8
8	Performance of Low-kV Aberration-corrected STEM with Delta-corrector and CFEG in Ultrahigh Vacuum Environment. Microscopy and Microanalysis, 2017, 23, 468-469.	0.4	4
9	Innovative electron microscope for light-element atom visualization. Synthesiology, 2012, 4, 172-182.	0.2	2
10	Aberration Corrected STEM in Atomic Resolution and Resolution Enhancement in Low-Voltage Microscope. Hyomen Kagaku, 2013, 34, 240-246.	0.0	0