

Tomas Radlicka

List of Publications by Year in descending order

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16
papers

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citations

1478505

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1474206

9
g-index

16
all docs

16
docs citations

16
times ranked

52
citing authors

#	ARTICLE	IF	CITATIONS
1	Beam shaping and probe characterization in the scanning electron microscope. Ultramicroscopy, 2021, 225, 113268.	1.9	9
2	Correction of parasitic aberrations of hexapole corrector using differential algebra method. Ultramicroscopy, 2019, 204, 81-90.	1.9	6
3	Scanning tunneling microscopy in the field-emission regime: Formation of a two-dimensional electron cascade. Applied Physics Letters, 2019, 115, .	3.3	5
4	In lens BSE detector with energy filtering. Ultramicroscopy, 2018, 189, 102-108.	1.9	5
5	Novel simulation method of space charge effects in electron optical systems including emission of electrons. Ultramicroscopy, 2018, 184, 66-76.	1.9	0
6	Simulation and Optimization of a Carbon Nanotube Electron Source. Microscopy and Microanalysis, 2015, 21, 60-65.	0.4	2
7	Wave Optical Calculation of Probe Size in Low Energy Scanning Electron Microscope. Microscopy and Microanalysis, 2015, 21, 212-217.	0.4	1
8	Simulation of Space Charge Effects in Electron Optical System Based on the Calculations of Current Density. Microscopy and Microanalysis, 2015, 21, 246-251.	0.4	2
9	Effect of sample tilt on PEEM resolution. Ultramicroscopy, 2012, 119, 45-50.	1.9	1
10	Coincidence imaging system with electron optics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 633, S270-S273.	1.6	3
11	Influence of clusters on Bi LMIS properties. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 645, 124-129.	1.6	1
12	Determination of analytical expansion from numerical field data. Ultramicroscopy, 2010, 110, 1198-1204.	1.9	6
13	Numerical simulations of the thermionic electron gun for electron-beam welding and micromachining. Vacuum, 2009, 84, 357-362.	3.5	21
14	Lie Algebraic Methods in Charged Particle Optics. Advances in Imaging and Electron Physics, 2009, , 241-362.	0.2	7
15	Coulomb interactions in Ga LMIS. Ultramicroscopy, 2008, 108, 445-454.	1.9	14
16	Normalization of s-dependent Hamiltonian. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 519, 453-460.	1.6	0