

Tomas Radlicka

List of Publications by Year in descending order

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16
papers

83
citations

1478505

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1474206

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docs citations

16
times ranked

52
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Numerical simulations of the thermionic electron gun for electron-beam welding and micromachining. Vacuum, 2009, 84, 357-362. | 3.5 | 21 |
| 2 | Coulomb interactions in Ga LMIS. Ultramicroscopy, 2008, 108, 445-454. | 1.9 | 14 |
| 3 | Beam shaping and probe characterization in the scanning electron microscope. Ultramicroscopy, 2021, 225, 113268. | 1.9 | 9 |
| 4 | Lie Algebraic Methods in Charged Particle Optics. Advances in Imaging and Electron Physics, 2009, , 241-362. | 0.2 | 7 |
| 5 | Determination of analytical expansion from numerical field data. Ultramicroscopy, 2010, 110, 1198-1204. | 1.9 | 6 |
| 6 | Correction of parasitic aberrations of hexapole corrector using differential algebra method. Ultramicroscopy, 2019, 204, 81-90. | 1.9 | 6 |
| 7 | In lens BSE detector with energy filtering. Ultramicroscopy, 2018, 189, 102-108. | 1.9 | 5 |
| 8 | Scanning tunneling microscopy in the field-emission regime: Formation of a two-dimensional electron cascade. Applied Physics Letters, 2019, 115, . | 3.3 | 5 |
| 9 | 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 |
| 10 | Simulation and Optimization of a Carbon Nanotube Electron Source. Microscopy and Microanalysis, 2015, 21, 60-65. | 0.4 | 2 |
| 11 | 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 |
| 12 | 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 |
| 13 | Effect of sample tilt on PEEM resolution. Ultramicroscopy, 2012, 119, 45-50. | 1.9 | 1 |
| 14 | Wave Optical Calculation of Probe Size in Low Energy Scanning Electron Microscope. Microscopy and Microanalysis, 2015, 21, 212-217. | 0.4 | 1 |
| 15 | 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 |
| 16 | Novel simulation method of space charge effects in electron optical systems including emission of electrons. Ultramicroscopy, 2018, 184, 66-76. | 1.9 | 0 |