# Fedja Orucevic

List of Publications by Year
in descending order



| 13 | 437 | 1163117 8 | 1372567 10 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 13 | 13 | 13 | 464 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Observation of Cold Collisions between Trapped Ions and Trapped Atoms. Physical Review Letters, 2009, 102, 223201. | 7.8 | 228 |
| 2 | Transmittance and near-field characterization of sub-wavelength tapered optical fibers. Optics Express, 2007, 15, 13624. | 3.4 | 47 |
| 3 | Excitation mapping of whispering gallery modes in silica microcavities. Optics Letters, 2010, 35, 583. | 3.3 | 38 |
| 4 | Novel laser machining of optical fibers for long cavities with low birefringence. Optics Express, 2014, 22, 31317. | 3.4 | 35 |
| 5 | An integrated fiber trap for single-ion photonics. New Journal of Physics, 2013, 15, 053011. | 2.9 | 33 |
| 6 | Nano-cluster engineering: A combined ion implantation/co-deposition and ionizing radiation. Nuclear Instruments & Methods in Physics Research B, 2002, 191, 416-421. | 1.4 | 23 |
| 7 | 3D-printed components for quantum devices. Scientific Reports, 2018, 8, 8368. | 3.3 | 16 |
| 8 | The UK National Quantum Technologies Hub in sensors and metrology (Keynote Paper). Proceedings of SPIE, 2016, , . | 0.8 | 10 |
| 9 | Room temperature emission from Er-doped silicon-rich oxide microtorus. EPJ Applied Physics, 2006, 34, 81-84. | 0.7 | 4 |
| 10 | An environmental monitoring network for quantum gas experiments and devices. Quantum Science and Technology, 2022, 7, 025001. | 5.8 | 2 |
| 11 | Silica microspheres as high-Q microcavities for semiconductor quantum-dot lasers. , 2005, , . | | 1 |
| 12 | Neodymium photoluminescence in Whispering Gallery Modes of toroidal microcavities. European Physical Journal Special Topics, 2006, 135, 245-246. | 0.2 | 0 |
| 13 | Neodymium photoluminescence in whispering gallery modes of toroidal microcavities. , 2006, , . | | 0 |