

Aili Maimaiti

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

153
citations

1937685

4
h-index

2272923

4
g-index

10
all docs

10
docs citations

10
times ranked

173
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Higher order microfibre modes for dielectric particle trapping and propulsion. Scientific Reports, 2015, 5, 9077. | 3.3 | 57 |
| 2 | Light-induced rotation of dielectric microparticles around an optical nanofiber. Optica, 2020, 7, 59. | 9.3 | 35 |
| 3 | Nonlinear force dependence on optically bound micro-particle arrays in the evanescent fields of fundamental and higher order microfibre modes. Scientific Reports, 2016, 6, 30131. | 3.3 | 31 |
| 4 | Interaction of laser-cooled ⁸⁷ Rb atoms with higher order modes of an optical nanofibre. New Journal of Physics, 2015, 17, 013026. | 2.9 | 29 |
| 5 | Ultrathin optical fibers for particle trapping and manipulation. , 2015, , . | | 1 |
| 6 | Particle propulsion using higher order microfiber modes. , 2015, , . | | 0 |
| 7 | Optical binding of particles in the evanescent field of microfiber modes. , 2017, , . | | 0 |
| 8 | Manipulation of Particles using Higher Order Modes in an Optical Microfiber. , 2016, , . | | 0 |
| 9 | Ultrathin Optical Fibers for Particle Trapping and Manipulation. , 2016, , . | | 0 |
| 10 | Trapping Particles using Near-Field Optics. , 2017, , . | | 0 |