

Michael Mazilu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4673565/publications.pdf>

Version: 2024-02-01

161
papers

6,517
citations

81900

39
h-index

64796

79
g-index

164
all docs

164
docs citations

164
times ranked

5299
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Optically mediated particle clearing using Airy wavepackets. Nature Photonics, 2008, 2, 675-678. | 31.4 | 1,067 |
| 2 | Optical manipulation of nanoparticles: a review. Journal of Nanophotonics, 2008, 2, 021875. | 1.0 | 407 |
| 3 | In situ wavefront correction and its application to micromanipulation. Nature Photonics, 2010, 4, 388-394. | 31.4 | 390 |
| 4 | Dynamics of microparticles trapped in a perfect vortex beam. Optics Letters, 2013, 38, 4919. | 3.3 | 263 |
| 5 | Auto-focusing and self-healing of Pearcey beams. Optics Express, 2012, 20, 18955. | 3.4 | 252 |
| 6 | Laser-induced rotation and cooling of a trapped microgyroscope in vacuum. Nature Communications, 2013, 4, 2374. | 12.8 | 251 |
| 7 | Optical vortex trap for resonant confinement of metal nanoparticles. Optics Express, 2008, 16, 4991. | 3.4 | 213 |
| 8 | Dual beam fibre trap for Raman micro-spectroscopy of single cells. Optics Express, 2006, 14, 5779. | 3.4 | 172 |
| 9 | Early detection of cervical neoplasia by Raman spectroscopy. International Journal of Cancer, 2007, 121, 2723-2728. | 5.1 | 150 |
| 10 | Beam steering in planar-photonic crystals: from superprism to supercollimator. Journal of Lightwave Technology, 2003, 21, 561-566. | 4.6 | 138 |
| 11 | Light beats the spread: "non-diffracting" beams. Laser and Photonics Reviews, 2010, 4, 529-547. | 8.7 | 134 |
| 12 | Bidirectional Optical Sorting of Gold Nanoparticles. Nano Letters, 2012, 12, 1923-1927. | 9.1 | 124 |
| 13 | Superprism phenomena in planar photonic crystals. IEEE Journal of Quantum Electronics, 2002, 38, 915-918. | 1.9 | 109 |
| 14 | In-fiber common-path optical coherence tomography using a conical-tip fiber. Optics Express, 2009, 17, 2375. | 3.4 | 109 |
| 15 | Online Fluorescence Suppression in Modulated Raman Spectroscopy. Analytical Chemistry, 2010, 82, 738-745. | 6.5 | 106 |
| 16 | Optical deflection and sorting of microparticles in a near-field optical geometry. Optics Express, 2008, 16, 3712. | 3.4 | 105 |
| 17 | Propagation characteristics of Airy beams: dependence upon spatial coherence and wavelength. Optics Express, 2009, 17, 13236. | 3.4 | 103 |
| 18 | Harnessing speckle for a sub-femtometre resolved broadband wavemeter and laser stabilization. Nature Communications, 2017, 8, 15610. | 12.8 | 80 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Optimal algorithm for fluorescence suppression of modulated Raman spectroscopy. Optics Express, 2010, 18, 11382. | 3.4 | 79 |
| 20 | Optical Eigenmodes; exploiting the quadratic nature of the light-matter interaction. Optics Express, 2011, 19, 933. | 3.4 | 77 |
| 21 | Light-sheet microscopy with attenuation-compensated propagation-invariant beams. Science Advances, 2018, 4, eaar4817. | 10.3 | 76 |
| 22 | Planar photonic crystal polarization splitter. Optics Letters, 2004, 29, 1620. | 3.3 | 75 |
| 23 | The resolution of optical traps created by Light Induced Dielectrophoresis (LIDEP). Optics Express, 2007, 15, 12619. | 3.4 | 73 |
| 24 | Exploiting Lens Aberrations to Create Electron-Vortex Beams. Physical Review Letters, 2013, 111, 064801. | 7.8 | 72 |
| 25 | Far field subwavelength focusing using optical eigenmodes. Applied Physics Letters, 2011, 98, . | 3.3 | 65 |
| 26 | Is it possible to create a perfect fractional vortex beam?. Optica, 2017, 4, 330. | 9.3 | 60 |
| 27 | Optical forces near a nanoantenna. Journal of Nanophotonics, 2010, 4, 041570. | 1.0 | 59 |
| 28 | Modulated Raman spectroscopy for enhanced identification of bladder tumor cells in urine samples. Journal of Biomedical Optics, 2011, 16, 037002. | 2.6 | 57 |
| 29 | Measuring the orbital angular momentum of partially coherent optical vortices through singularities in their cross-spectral density functions. Optics Letters, 2012, 37, 4949. | 3.3 | 56 |
| 30 | Effect of pulse temporal shape on optical trapping and impulse transfer using ultrashort pulsed lasers. Optics Express, 2010, 18, 7554. | 3.4 | 53 |
| 31 | Random super-prism wavelength meter. Optics Letters, 2014, 39, 96. | 3.3 | 53 |
| 32 | Reproducible Surface-Enhanced Raman Quantification of Biomarkers in Multicomponent Mixtures. ACS Nano, 2014, 8, 2575-2583. | 14.6 | 52 |
| 33 | Measurement of the Restoring Forces Acting on Two Optically Bound Particles from Normal Mode Correlations. Physical Review Letters, 2007, 98, 068102. | 7.8 | 50 |
| 34 | Guided neuronal growth using optical line traps. Optics Express, 2008, 16, 10507. | 3.4 | 50 |
| 35 | Modulated Raman Spectroscopy for Enhanced Cancer Diagnosis at the Cellular Level. Sensors, 2015, 15, 13680-13704. | 3.8 | 50 |
| 36 | Optical path clearing and enhanced transmission through colloidal suspensions. Optics Express, 2010, 18, 17130. | 3.4 | 48 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Effect of the radial and azimuthal mode indices of a partially coherent vortex field upon a spatial correlation singularity. <i>New Journal of Physics</i> , 2013, 15, 113053. | 2.9 | 46 |
| 38 | Simultaneous determination of the constituent azimuthal and radial mode indices for light fields possessing orbital angular momentum. <i>Applied Physics Letters</i> , 2012, 100, . | 3.3 | 45 |
| 39 | Picoliter Rheology of Gaseous Media Using a Rotating Optically Trapped Birefringent Microparticle. <i>Analytical Chemistry</i> , 2011, 83, 8855-8858. | 6.5 | 43 |
| 40 | The Use of Wavelength Modulated Raman Spectroscopy in Label-Free Identification of T Lymphocyte Subsets, Natural Killer Cells and Dendritic Cells. <i>PLoS ONE</i> , 2015, 10, e0125158. | 2.5 | 42 |
| 41 | Rotational Dynamics and Heating of Trapped Nanovaterite Particles. <i>ACS Nano</i> , 2016, 10, 11505-11510. | 14.6 | 39 |
| 42 | Wide-field multiphoton imaging through scattering media without correction. <i>Science Advances</i> , 2018, 4, eaau1338. | 10.3 | 39 |
| 43 | Is there an optimal basis to maximise optical information transfer?. <i>Scientific Reports</i> , 2016, 6, 22821. | 3.3 | 38 |
| 44 | Biologically enabled sub-diffractive focusing. <i>Optics Express</i> , 2014, 22, 27214. | 3.4 | 36 |
| 45 | Optical eigenmode imaging. <i>Physical Review A</i> , 2011, 84, . | 2.5 | 34 |
| 46 | Enhanced two-point resolution using optical eigenmode optimized pupil functions. <i>Journal of Optics (United Kingdom)</i> , 2011, 13, 105707. | 2.2 | 33 |
| 47 | Orbital-angular-momentum transfer to optically levitated microparticles in vacuum. <i>Physical Review A</i> , 2016, 94, . | 2.5 | 33 |
| 48 | Accelerating vortices in Airy beams. <i>Proceedings of SPIE</i> , 2009, , . | 0.8 | 31 |
| 49 | Creating and probing of a perfect vortex in situ with an optically trapped particle. <i>Optical Review</i> , 2015, 22, 162-165. | 2.0 | 30 |
| 50 | Optical detection and grading of lung neoplasia by Raman microspectroscopy. <i>International Journal of Cancer</i> , 2009, 124, 376-380. | 5.1 | 29 |
| 51 | Observation and simulation of an optically driven micromotor. <i>Journal of Optics (United Kingdom)</i> , 2011, 13, 044018. | 2.2 | 29 |
| 52 | Optical micromanipulation using supercontinuum Laguerre-Gaussian and Gaussian beams. <i>Optics Express</i> , 2008, 16, 10117. | 3.4 | 28 |
| 53 | Generation of attenuation-compensating Airy beams. <i>Optics Letters</i> , 2014, 39, 4950. | 3.3 | 28 |
| 54 | Dual lattice photonic-crystal beam splitters. <i>Applied Physics Letters</i> , 2005, 86, 211106. | 3.3 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Modal Characterization using Principal Component Analysis: application to Bessel, higher-order Gaussian beams and their superposition. <i>Scientific Reports</i> , 2013, 3, 1422. | 3.3 | 25 |
| 56 | Rotation of two trapped microparticles in vacuum: observation of optically mediated parametric resonances. <i>Optics Letters</i> , 2015, 40, 4751. | 3.3 | 24 |
| 57 | Prospects for versatile phase manipulation in the TEM: Beyond aberration correction. <i>Ultramicroscopy</i> , 2015, 151, 85-93. | 1.9 | 23 |
| 58 | Classification of Raman spectra of single cells with autofluorescence suppression by wavelength modulated excitation. <i>Analytical Methods</i> , 2013, 5, 4608. | 2.7 | 22 |
| 59 | Structural characterization of shock-affected sapphire. <i>Applied Physics A: Materials Science and Processing</i> , 2006, 86, 197-200. | 2.3 | 21 |
| 60 | Etaloning, fluorescence and ambient light suppression by modulated wavelength Raman spectroscopy. <i>Biomedical Spectroscopy and Imaging</i> , 2012, 1, 383-389. | 1.2 | 21 |
| 61 | Coherent control of plasmonic nanoantennas using optical eigenmodes. <i>Scientific Reports</i> , 2013, 3, 1808. | 3.3 | 21 |
| 62 | Collision of propagating vortices embedded within Airy beams. <i>Journal of Optics (United Kingdom)</i> , 2013, 15, 044001. | 2.2 | 21 |
| 63 | Dynamics of optical nonlinearities induced by strong light illumination in CdS nanocrystallites. <i>Journal of Applied Physics</i> , 1997, 81, 3586-3591. | 2.5 | 20 |
| 64 | Enhanced bioanalyte detection in waveguide confined Raman spectroscopy using wavelength modulation. <i>Journal of Biophotonics</i> , 2011, 4, 514-518. | 2.3 | 20 |
| 65 | Nonredundant Raman imaging using optical eigenmodes. <i>Optica</i> , 2014, 1, 257. | 9.3 | 20 |
| 66 | Fluorescence suppression using wavelength modulated Raman spectroscopy in fiber-probe-based tissue analysis. <i>Journal of Biomedical Optics</i> , 2012, 17, 0770061. | 2.6 | 19 |
| 67 | Optical trapping with a perfect vortex beam. <i>Proceedings of SPIE</i> , 2014, , . | 0.8 | 18 |
| 68 | Exciton saturation in GaAs multiple quantum wells at room temperature. <i>Journal of Applied Physics</i> , 1999, 86, 3734-3744. | 2.5 | 17 |
| 69 | Spin and angular momentum operators and their conservation. <i>Journal of Optics</i> , 2009, 11, 094005. | 1.5 | 16 |
| 70 | Fluorescence suppression within Raman spectroscopy using annular beam excitation. <i>Applied Physics Letters</i> , 2007, 91, 023903. | 3.3 | 15 |
| 71 | Exploring the ultrashort pulse laser parameter space for membrane permeabilisation in mammalian cells. <i>Scientific Reports</i> , 2012, 2, 858. | 3.3 | 15 |
| 72 | Optical impedance of metallic nano-structures. <i>Optics Express</i> , 2006, 14, 7709. | 3.4 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Black Metals: Optical Absorbers. <i>Micromachines</i> , 2020, 11, 256. | 2.9 | 14 |
| 74 | Polarization switching and induced birefringence in InGaAsP multiple quantum wells at 1.5 μ m. <i>Journal of Applied Physics</i> , 2002, 91, 4090-4094. | 2.5 | 13 |
| 75 | Quantitative Detection of Pharmaceuticals Using a Combination of Paper Microfluidics and Wavelength Modulated Raman Spectroscopy. <i>PLoS ONE</i> , 2015, 10, e0123334. | 2.5 | 13 |
| 76 | Numerical investigation of passive optical sorting of plasmon nanoparticles. <i>Optics Express</i> , 2011, 19, 13922. | 3.4 | 12 |
| 77 | Measuring and structuring the spatial coherence length of organic light-emitting diodes. <i>Laser and Photonics Reviews</i> , 2016, 10, 82-90. | 8.7 | 12 |
| 78 | Optimisation of Wavelength Modulated Raman Spectroscopy: Towards High Throughput Cell Screening. <i>PLoS ONE</i> , 2013, 8, e67211. | 2.5 | 11 |
| 79 | Modular method for calculation of transmission and reflection in multilayered structures. <i>Applied Optics</i> , 2001, 40, 6670. | 2.1 | 10 |
| 80 | Simulated holographic three-dimensional intensity shaping of evanescent-wave fields. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2008, 25, 849. | 2.1 | 10 |
| 81 | Tunable optical nonlinearities in Cd ^{1-x} Zn _x Te ternary alloys. <i>Journal of Applied Physics</i> , 1997, 82, 1355-1358. | 2.5 | 9 |
| 82 | Preparation of optical quality ZnCdTe thin films by vacuum evaporation. <i>Applied Optics</i> , 1998, 37, 2681. | 2.1 | 9 |
| 83 | Room temperature electron spin relaxation in GaInNAs multiple quantum wells at 1.3 μ m. <i>Applied Physics Letters</i> , 2006, 89, 211122. | 3.3 | 9 |
| 84 | Enhanced cell transfection using subwavelength focused optical eigenmode beams [Invited]. <i>Photonics Research</i> , 2013, 1, 42. | 7.0 | 9 |
| 85 | Exact solution for excitons in intense laser fields. <i>Journal of Luminescence</i> , 1997, 72-74, 802-803. | 3.1 | 8 |
| 86 | An interacting dipole model to explore broadband transverse optical binding. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 464117. | 1.8 | 8 |
| 87 | Wavelength modulated surface enhanced (resonance) Raman scattering for background-free detection. <i>Analyst, The</i> , 2013, 138, 2816. | 3.5 | 8 |
| 88 | Development of a graded index microlens based fiber optical trap and its characterization using principal component analysis. <i>Biomedical Optics Express</i> , 2015, 6, 1512. | 2.9 | 8 |
| 89 | Enhanced Optical Manipulation of Cells Using Antireflection Coated Microparticles. <i>ACS Photonics</i> , 2015, 2, 1403-1409. | 6.6 | 8 |
| 90 | Modal beam splitter: determination of the transversal components of an electromagnetic light field. <i>Scientific Reports</i> , 2017, 7, 9139. | 3.3 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Breaking the Symmetry of Momentum Conservation Using Evanescent Acoustic Fields. Physical Review Letters, 2018, 121, 244301. | 7.8 | 7 |
| 92 | Dispersion-induced ultrafast pulse reshaping in 1.55- μ m InGaAs-InGaAsP optical amplifiers. IEEE Journal of Quantum Electronics, 2003, 39, 1388-1393. | 1.9 | 6 |
| 93 | Fluorescence spectroscopy of an in vitro model of human cervical precancer identifies neoplastic phenotype. International Journal of Cancer, 2007, 120, 1964-1970. | 5.1 | 6 |
| 94 | Carrier heating in semiconductor optical amplifier-based Sagnac-type all-optical switches. Semiconductor Science and Technology, 2006, 21, 1703-1708. | 2.0 | 5 |
| 95 | Optical eigenmodes; spin and angular momentum. Journal of Optics (United Kingdom), 2011, 13, 064009. | 2.2 | 5 |
| 96 | Encoding complex valued fields using intensity. Optics Express, 2016, 24, 23186. | 3.4 | 5 |
| 97 | Low-threshold, multi-gigahertz repetition-rate femtosecond Ti:sapphire laser. Electronics Letters, 2003, 39, 1820. | 1.0 | 4 |
| 98 | Size resolution with light-induced dielectrophoresis (LIDEP). , 2006, 6326, 303. | | 4 |
| 99 | Optical trapping using ultrashort 12.9fs pulses. , 2008, , . | | 4 |
| 100 | Revisiting transverse optical binding. , 2009, , . | | 4 |
| 101 | Wavelet transforms for optical pulse analysis. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2005, 22, 2890. | 1.5 | 3 |
| 102 | Supercontinuum Airy beams. , 2009, , . | | 3 |
| 103 | Resonance enhanced optical manipulation: the push and pull of light. , 2012, , . | | 3 |
| 104 | Spin relaxation and all-optical polarisation switching in GaInNAs multiple quantum wells. , 2006, , . | | 2 |
| 105 | Algorithm-based continuous pulse duration tuning and performance control of a mode-locked laser diode. Optics Express, 2012, 20, 7022. | 3.4 | 2 |
| 106 | Airy Beams for Light-sheet Microscopy. Microscopy and Microanalysis, 2015, 21, 1723-1724. | 0.4 | 2 |
| 107 | Interferometric Hetero-Detector Phase Measurement. Optical and Quantum Electronics, 2004, 36, 431-442. | 3.3 | 1 |
| 108 | Spatial dependence of gain nonlinearities in InGaAs semiconductor optical amplifier. Applied Physics Letters, 2005, 87, 121108. | 3.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Holographic 3D intensity shaping of evanescent waves. , 2007, , . | | 1 |
| 110 | Optical "snowblowing" of microparticles and cells in a microfluidic environment using Airy and parabolic wavepackets. , 2009, , . | | 1 |
| 111 | Modulated Raman spectroscopy technique for real-time fluorescence rejection. , 2010, , . | | 1 |
| 112 | Raman spectra of single cells with autofluorescence suppression by modulated wavelength excitation. Proceedings of SPIE, 2012, , . | 0.8 | 1 |
| 113 | SERS sensing of cancer biomarkers. , 2014, , . | | 1 |
| 114 | Rotational dynamics and heating of trapped nanovaterite particles. , 2017, , . | | 1 |
| 115 | Green-function Method for Nonlinear Interactions of Elastic Waves. , 2019, , . | | 1 |
| 116 | Fluorescence background suppression in Raman spectroscopy. , 2010, , . | | 1 |
| 117 | Can information Capacity be Increased with Orbital Angular Momentum?. , 2016, , . | | 1 |
| 118 | Integrating sphere based speckle generation for wavelength determination and laser stabilization. , 2016, , . | | 1 |
| 119 | Nonlinear optical eigenmodes: perturbative approach. , 2019, , . | | 1 |
| 120 | Intraband Carrier Dynamics In Semiconductor Optical Amplifier-Based Switch. AIP Conference Proceedings, 2005, , . | 0.4 | 0 |
| 121 | Early identification of cervical neoplasia with Raman spectroscopy and advanced methods for biomedical applications. , 2008, , . | | 0 |
| 122 | Photons as momentum-energy eigenmodes. , 2009, , . | | 0 |
| 123 | Fluorescence-free biochemical characterization of cells using modulated Raman spectroscopy. Proceedings of SPIE, 2010, , . | 0.8 | 0 |
| 124 | Optical Sculpting: Shaping the Future of Biophotonic. , 2010, , . | | 0 |
| 125 | Advanced Studies of "Non-Diffracting" Light Fields. , 2010, , . | | 0 |
| 126 | Fluorescence-Free Biochemical Characterization of Cells Using Modulated Raman Spectroscopy. , 2010, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Determination of optical forces in the proximity of a nanoantenna. Proceedings of SPIE, 2010, , . | 0.8 | 0 |
| 128 | In situ wavefront optimization: towards the ideal performance of a biophotonics system. Proceedings of SPIE, 2010, , . | 0.8 | 0 |
| 129 | Optical sculpting: trapping through disorder and transfer of orbital angular momentum. Proceedings of SPIE, 2011, , . | 0.8 | 0 |
| 130 | Passive optical sorting of plasmon nanoparticles: Numerical investigation of optimal illumination. , 2011, , . | | 0 |
| 131 | Selective and optimal illumination of nano-photon structures using optical eigenmodes. , 2011, , . | | 0 |
| 132 | Optical sorting of gold nanoparticles based on the red-shift of plasmon resonance. Proceedings of SPIE, 2012, , . | 0.8 | 0 |
| 133 | The role of spectral bandwidth in transverse optical binding. , 2012, , . | | 0 |
| 134 | Optical eigenmodes for imaging applications. , 2012, , . | | 0 |
| 135 | Quantum mechanics compatible Maxwell's stress tensor (presentation video). Proceedings of SPIE, 2014, , . | 0.8 | 0 |
| 136 | Multi-mode fibre correction for applications in optomechanics using a digital micromirror device. , 2014, , . | | 0 |
| 137 | Attenuation compensating Airy beams generated by using a digital micro-mirror device. , 2014, , . | | 0 |
| 138 | Biomolecular sensing for cancer diagnostics using highly reproducible SERS substrates. , 2014, , . | | 0 |
| 139 | Dynamics of Microparticles Trapped in a Perfect Vortex Beam. , 2014, , . | | 0 |
| 140 | Sub-diffractive light confinement: A biological-based approach. , 2014, , . | | 0 |
| 141 | Density of optical degrees of freedom: intensity, linear, and angular momentum. , 2014, , . | | 0 |
| 142 | Combining focusing properties of a single diatom valve with optical eigenmodes in ultra-shrinking of light. , 2014, , . | | 0 |
| 143 | Color encoding of phase: A new step in imaging by structured light and single pixel detection. , 2015, , . | | 0 |
| 144 | Optically Trapped Microscopic Particles in a Perfect Fractional Vortex Beam. , 2016, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Dynamics of optically levitated microparticles in vacuum placed in 2D and 3D optical potentials possessing orbital angular momentum. , 2017, , . | | 0 |
| 146 | Ultrasonic waves in uniaxially stressed multilayered and one-dimensional phononic structures: Guided and Floquet wave analysis. Journal of the Acoustical Society of America, 2018, 144, 81-91. | 1.1 | 0 |
| 147 | Non-Classical Second-Order Nonlinear Elastic Wave Interactions. , 2019, , . | | 0 |
| 148 | Multiphoton propagation eigenmodes for sum-frequency generation. Optics Communications, 2020, 466, 125610. | 2.1 | 0 |
| 149 | Optical Sculpting: Changing The Shape of Micromanipulation. , 2010, , . | | 0 |
| 150 | SHAPING THE FUTURE OF NANOBIPHOTONICS. , 2011, , . | | 0 |
| 151 | Optimal focusing In Situ: new routes for optical trapping and Biophotonics. , 2011, , . | | 0 |
| 152 | Optical Sculpting: trapping through disorder. , 2011, , . | | 0 |
| 153 | Fluorescence Suppression Using Modulated Wavelength Raman Spectroscopy for Tissue and Cell Analysis. , 2012, , . | | 0 |
| 154 | Optical Eigenmode Compressive Imaging: Theory and Applications. , 2013, , . | | 0 |
| 155 | Rotation induced cooling of an optically trapped microgyroscope in vacuum. , 2013, , . | | 0 |
| 156 | Real-time optical eigenmode characterisation. , 2014, , . | | 0 |
| 157 | Rotation induced cooling of an optically trapped microgyroscope in vacuum. , 2014, , . | | 0 |
| 158 | Identification of Single Human Immune Cells with Wavelength Modulation Raman Spectroscopy. , 2016, , . | | 0 |
| 159 | Wavelength detection at sub-femtometer resolution and application to laser stabilization. , 2016, , . | | 0 |
| 160 | Optical eigenmode description of partially coherent light fields. , 2019, , . | | 0 |
| 161 | Optical eigenmode description of single-photon light-matter interactions. , 2019, , . | | 0 |