

Maria F Garcia-Parajo

List of Publications by Year in descending order

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132
papers

7,488
citations

38720

50
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58549

82
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144
all docs

144
docs citations

144
times ranked

8919
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Chromatin Fibers Are Formed by Heterogeneous Groups of Nucleosomes In Vivo. <i>Cell</i> , 2015, 160, 1145-1158. | 13.5 | 560 |
| 2 | A review of progress in single particle tracking: from methods to biophysical insights. <i>Reports on Progress in Physics</i> , 2015, 78, 124601. | 8.1 | 424 |
| 3 | A plasmonic "antenna-in-box" platform for enhanced single-molecule analysis at micromolar concentrations. <i>Nature Nanotechnology</i> , 2013, 8, 512-516. | 15.6 | 297 |
| 4 | Nanoclustering as a dominant feature of plasma membrane organization. <i>Journal of Cell Science</i> , 2014, 127, 4995-5005. | 1.2 | 243 |
| 5 | Hotspots of GPI-anchored proteins and integrin nanoclusters function as nucleation sites for cell adhesion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18557-18562. | 3.3 | 217 |
| 6 | All-Dielectric Silicon Nanogap Antennas To Enhance the Fluorescence of Single Molecules. <i>Nano Letters</i> , 2016, 16, 5143-5151. | 4.5 | 197 |
| 7 | Multistep Energy Transfer in Single Molecular Photonic Wires. <i>Journal of the American Chemical Society</i> , 2004, 126, 6514-6515. | 6.6 | 192 |
| 8 | Real-time light-driven dynamics of the fluorescence emission in single green fluorescent protein molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 7237-7242. | 3.3 | 171 |
| 9 | A Simple Approach to Sensor Discovery and Fabrication on Self-Assembled Monolayers on Glass. <i>Journal of the American Chemical Society</i> , 2004, 126, 7293-7299. | 6.6 | 165 |
| 10 | Nonergodic Subdiffusion from Brownian Motion in an Inhomogeneous Medium. <i>Physical Review Letters</i> , 2014, 112, 150603. | 2.9 | 165 |
| 11 | Time-Varying Triplet State Lifetimes of Single Molecules. <i>Physical Review Letters</i> , 1999, 83, 2155-2158. | 2.9 | 159 |
| 12 | Influencing the Angular Emission of a Single Molecule. <i>Physical Review Letters</i> , 2000, 85, 5312-5315. | 2.9 | 126 |
| 13 | Weak Ergodicity Breaking of Receptor Motion in Living Cells Stemming from Random Diffusivity. <i>Physical Review X</i> , 2015, 5, . | 2.8 | 120 |
| 14 | Single molecule mapping of the optical field distribution of probes for near-field microscopy. <i>Journal of Microscopy</i> , 1999, 194, 477-482. | 0.8 | 117 |
| 15 | In-Plane Plasmonic Antenna Arrays with Surface Nanogaps for Giant Fluorescence Enhancement. <i>Nano Letters</i> , 2017, 17, 1703-1710. | 4.5 | 114 |
| 16 | Investigation of Perylene Photonic Wires by Combined Single-Molecule Fluorescence and Atomic Force Microscopy. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4045-4049. | 7.2 | 106 |
| 17 | Near-field scanning optical microscopy in liquid for high resolution single molecule detection on dendritic cells. <i>FEBS Letters</i> , 2004, 573, 6-10. | 1.3 | 104 |
| 18 | Power-Law-Distributed Dark States are the Main Pathway for Photobleaching of Single Organic Molecules. <i>Physical Review Letters</i> , 2005, 95, 097401. | 2.9 | 104 |

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|----|--|------|-----------|
| 19 | Optical antennas focus in on biology. <i>Nature Photonics</i> , 2008, 2, 201-203. | 15.6 | 103 |
| 20 | The nature of fluorescence emission in the red fluorescent protein DsRed, revealed by single-molecule detection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 14392-14397. | 3.3 | 100 |
| 21 | Single Molecule Rotational and Translational Diffusion Observed by Near-Field Scanning Optical Microscopy. <i>Journal of Physical Chemistry A</i> , 1997, 101, 7318-7323. | 1.1 | 98 |
| 22 | Direct mapping of nanoscale compositional connectivity on intact cell membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15437-15442. | 3.3 | 95 |
| 23 | A DNA origami platform for quantifying protein copy number in super-resolution. <i>Nature Methods</i> , 2017, 14, 789-792. | 9.0 | 94 |
| 24 | Nanoscale Organization of the Pathogen Receptor DC-SIGN Mapped by Single-Molecule High-Resolution Fluorescence Microscopy. <i>ChemPhysChem</i> , 2007, 8, 1473-1480. | 1.0 | 93 |
| 25 | Power-Law Blinking in the Fluorescence of Single Organic Molecules. <i>ChemPhysChem</i> , 2007, 8, 823-833. | 1.0 | 91 |
| 26 | Excitonic Behavior of Rhodamine Dimers: A Single-Molecule Study. <i>Journal of Physical Chemistry A</i> , 2003, 107, 43-52. | 1.1 | 90 |
| 27 | Lateral mobility of individual integrin nanoclusters orchestrates the onset for leukocyte adhesion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4869-4874. | 3.3 | 86 |
| 28 | Matching Nanoantenna Field Confinement to FRET Distances Enhances Förster Energy Transfer Rates. <i>Nano Letters</i> , 2015, 15, 6193-6201. | 4.5 | 85 |
| 29 | Molecular Printboards on Silicon Oxide: Lithographic Patterning of Cyclodextrin Monolayers with Multivalent, Fluorescent Guest Molecules. <i>Small</i> , 2005, 1, 242-253. | 5.2 | 84 |
| 30 | Single-Molecule Imaging of Cell Surfaces Using Near-Field Nanoscopy. <i>Accounts of Chemical Research</i> , 2012, 45, 327-336. | 7.6 | 80 |
| 31 | Nanoscale Fluorescence Correlation Spectroscopy on Intact Living Cell Membranes with NSOM Probes. <i>Biophysical Journal</i> , 2011, 100, L8-L10. | 0.2 | 75 |
| 32 | Ultrabright Bowtie Nanoaperture Antenna Probes Studied by Single Molecule Fluorescence. <i>Nano Letters</i> , 2012, 12, 5972-5978. | 4.5 | 74 |
| 33 | Plasmonic Nanoantennas Enable Forbidden Förster Dipole-Dipole Energy Transfer and Enhance the FRET Efficiency. <i>Nano Letters</i> , 2016, 16, 6222-6230. | 4.5 | 73 |
| 34 | Geometry sensing by dendritic cells dictates spatial organization and PGE2-induced dissolution of podosomes. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 1889-1901. | 2.4 | 72 |
| 35 | Imaging Individual Proteins and Nanodomains on Intact Cell Membranes with a Probe-Based Optical Antenna. <i>Small</i> , 2010, 6, 270-275. | 5.2 | 71 |
| 36 | Single Molecule Photobleaching Probes the Exciton Wave Function in a Multichromophoric System. <i>Physical Review Letters</i> , 2004, 93, 236404. | 2.9 | 70 |

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|----|---|-----|-----------|
| 37 | Separating Actin-Dependent Chemokine Receptor Nanoclustering from Dimerization Indicates a Role for Clustering in CXCR4 Signaling and Function. <i>Molecular Cell</i> , 2018, 70, 106-119.e10. | 4.5 | 70 |
| 38 | Single-Molecule Pump-Probe Detection Resolves Ultrafast Pathways in Individual and Coupled Quantum Systems. <i>Physical Review Letters</i> , 2005, 94, 078302. | 2.9 | 67 |
| 39 | Enhanced receptor-clathrin interactions induced by N-glycan-mediated membrane micropatterning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11037-11042. | 3.3 | 67 |
| 40 | Enhancing Magnetic Light Emission with All-Dielectric Optical Nanoantennas. <i>Nano Letters</i> , 2018, 18, 3481-3487. | 4.5 | 66 |
| 41 | Enhancement and Inhibition of Spontaneous Photon Emission by Resonant Silicon Nanoantennas. <i>Physical Review Applied</i> , 2016, 6, . | 1.5 | 65 |
| 42 | Nanometer-scale organization of the alpha subunits of the receptors for IL2 and IL15 in human T lymphoma cells. <i>Journal of Cell Science</i> , 2008, 121, 627-633. | 1.2 | 61 |
| 43 | Roadmap on biosensing and photonics with advanced nano-optical methods. <i>Journal of Optics (United Kingdom)</i> , 2019, 19, 1907001. | 1.0 | 61 |
| 44 | Changes in membrane sphingolipid composition modulate dynamics and adhesion of integrin nanoclusters. <i>Scientific Reports</i> , 2016, 6, 20693. | 1.6 | 61 |
| 45 | Shear force imaging of soft samples in liquid using a diving bell concept. <i>Applied Physics Letters</i> , 2003, 83, 5083-5085. | 1.5 | 60 |
| 46 | Energy Transfer in Single-Molecule Photonic Wires. <i>ChemPhysChem</i> , 2005, 6, 819-827. | 1.0 | 60 |
| 47 | Synthesis and Characterization of Long Peryleneimide Polymer Fibers: From Bulk to the Single-Molecule Level. <i>Journal of Physical Chemistry B</i> , 2006, 110, 7803-7812. | 1.2 | 55 |
| 48 | pH-Responsive Polysaccharide-Based Polyelectrolyte Complexes As Nanocarriers for Lysosomal Delivery of Therapeutic Proteins. <i>Biomacromolecules</i> , 2011, 12, 2524-2533. | 2.6 | 55 |
| 49 | Strong Modification of Magnetic Dipole Emission through Diabolo Nanoantennas. <i>ACS Photonics</i> , 2015, 2, 1071-1076. | 3.2 | 55 |
| 50 | Nanotribological Properties of Octadecyltrichlorosilane Self-Assembled Ultrathin Films Studied by Atomic Force Microscopy: Contact and Tapping Modes. <i>Langmuir</i> , 1997, 13, 2333-2339. | 1.6 | 54 |
| 51 | The Neck Region of the C-type Lectin DC-SIGN Regulates Its Surface Spatiotemporal Organization and Virus-binding Capacity on Antigen-presenting Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 38946-38955. | 1.6 | 52 |
| 52 | Tuning fork shear-force feedback. <i>Ultramicroscopy</i> , 1998, 71, 149-157. | 0.8 | 50 |
| 53 | Near-field optical microscopy for DNA studies at the single molecular level. <i>Bioimaging</i> , 1998, 6, 43-53. | 1.8 | 48 |
| 54 | DNA-Based Molecular Wires: Multiple Emission Pathways of Individual Constructs. <i>Journal of Physical Chemistry B</i> , 2006, 110, 26349-26353. | 1.2 | 48 |

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|----|--|-----|-----------|
| 55 | A nanometer scale optical view on the compartmentalization of cell membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 777-787. | 1.4 | 48 |
| 56 | Excitation-multiplexed multicolor superresolution imaging with fm-STORM and fm-DNA-PAINT. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12991-12996. | 3.3 | 48 |
| 57 | Selective Immobilization of Protein Clusters on Polymeric Nanocraters. <i>Advanced Functional Materials</i> , 2006, 16, 1242-1246. | 7.8 | 44 |
| 58 | Simultaneous scanning tunneling microscope and collection mode scanning near-field optical microscope using gold coated optical fiber probes. <i>Applied Physics Letters</i> , 1994, 65, 1498-1500. | 1.5 | 43 |
| 59 | Near-Field Fluorescence Imaging of Genetic Material: Toward the Molecular Limit. <i>Journal of Structural Biology</i> , 1997, 119, 222-231. | 1.3 | 43 |
| 60 | Probing polymers with single fluorescent molecules. <i>European Polymer Journal</i> , 2004, 40, 1001-1011. | 2.6 | 43 |
| 61 | Planar Optical Nanoantennas Resolve Cholesterol-Dependent Nanoscale Heterogeneities in the Plasma Membrane of Living Cells. <i>Nano Letters</i> , 2017, 17, 6295-6302. | 4.5 | 43 |
| 62 | Optical Probing of Single Fluorescent Molecules and Proteins. <i>ChemPhysChem</i> , 2001, 2, 347-360. | 1.0 | 41 |
| 63 | Optical Antenna-Based Fluorescence Correlation Spectroscopy to Probe the Nanoscale Dynamics of Biological Membranes. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 110-119. | 2.1 | 41 |
| 64 | Multifunctional Nanovesicle-Bioactive Conjugates Prepared by a One-Step Scalable Method Using CO ₂ -Expanded Solvents. <i>Nano Letters</i> , 2013, 13, 3766-3774. | 4.5 | 40 |
| 65 | Galactosidase Loaded Nanoliposomes with Enhanced Enzymatic Activity and Intracellular Penetration. <i>Advanced Healthcare Materials</i> , 2016, 5, 829-840. | 3.9 | 40 |
| 66 | Quantum pillar structures on gallium arsenide fabricated using natural lithography. <i>Applied Physics Letters</i> , 1993, 62, 264-266. | 1.5 | 39 |
| 67 | Large-Scale Arrays of Bowtie Nanoaperture Antennas for Nanoscale Dynamics in Living Cell Membranes. <i>Nano Letters</i> , 2015, 15, 4176-4182. | 4.5 | 39 |
| 68 | Transient Nanoscopic Phase Separation in Biological Lipid Membranes Resolved by Planar Plasmonic Antennas. <i>ACS Nano</i> , 2017, 11, 7241-7250. | 7.3 | 39 |
| 69 | Dynamic actin-mediated nano-scale clustering of CD44 regulates its meso-scale organization at the plasma membrane. <i>Molecular Biology of the Cell</i> , 2020, 31, 561-579. | 0.9 | 38 |
| 70 | Gold-coated parabolic tapers for scanning near-field optical microscopy: fabrication and optimisation. <i>Ultramicroscopy</i> , 1995, 61, 155-163. | 0.8 | 37 |
| 71 | Effect of Disorder on Ultrafast Exciton Dynamics Probed by Single Molecule Spectroscopy. <i>Physical Review Letters</i> , 2006, 97, 216403. | 2.9 | 36 |
| 72 | Sphingomyelin metabolism controls the shape and function of the Golgi cisternae. <i>ELife</i> , 2017, 6, . | 2.8 | 33 |

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|----|--|-----|-----------|
| 73 | Dynamic Imaging of Cell-Free and Cell-Associated Viral Capture in Mature Dendritic Cells. <i>Traffic</i> , 2011, 12, 1702-1713. | 1.3 | 32 |
| 74 | Hybrid Photonic Antennas for Subnanometer Multicolor Localization and Nanoimaging of Single Molecules. <i>Nano Letters</i> , 2014, 14, 4895-4900. | 4.5 | 31 |
| 75 | The actin cytoskeleton modulates the activation of iNKT cells by segregating CD1d nanoclusters on antigen-presenting cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E772-81. | 3.3 | 29 |
| 76 | Moulded photoplastic probes for near-field optical applications. <i>Journal of Microscopy</i> , 2001, 202, 16-21. | 0.8 | 26 |
| 77 | The ER cholesterol sensor SCAP promotes CARTS biogenesis at ER-Golgi membrane contact sites. <i>Journal of Cell Biology</i> , 2021, 220, . | 2.3 | 25 |
| 78 | Ion implantation effects in polycrystalline WO ₃ thin films. <i>Journal of Applied Physics</i> , 1991, 70, 3509-3511. | 1.1 | 24 |
| 79 | Photon Antibunching Proves Emission from a Single Subunit in the Autofluorescent Protein DsRed. <i>ChemPhysChem</i> , 2004, 5, 1782-1785. | 1.0 | 23 |
| 80 | Near-field optical and shear-force microscopy of single fluorophores and DNA molecules. <i>Ultramicroscopy</i> , 1998, 71, 311-319. | 0.8 | 22 |
| 81 | Near-field effects in single molecule emission. <i>Journal of Microscopy</i> , 2001, 202, 374-378. | 0.8 | 21 |
| 82 | Near-Field Fluorescence Microscopy: An Optical Nanotool to Study Protein Organization at the Cell Membrane. <i>Nanobiotechnology</i> , 2005, 1, 113-120. | 1.2 | 21 |
| 83 | Molecular recognition imaging using tuning fork-based transverse dynamic force microscopy. <i>Ultramicroscopy</i> , 2010, 110, 605-611. | 0.8 | 21 |
| 84 | Up-regulation of EP2 and EP3 receptors in human tolerogenic dendritic cells boosts the immunosuppressive activity of PGE ₂ . <i>Journal of Leukocyte Biology</i> , 2017, 102, 881-895. | 1.5 | 21 |
| 85 | Recent progress in cell surface nanoscopy: Light and force in the near-field. <i>Nano Today</i> , 2012, 7, 390-403. | 6.2 | 20 |
| 86 | PSF decomposition of nanoscopy images via Bayesian analysis unravels distinct molecular organization of the cell membrane. <i>Scientific Reports</i> , 2014, 4, 4354. | 1.6 | 20 |
| 87 | Highly Versatile Polyelectrolyte Complexes for Improving the Enzyme Replacement Therapy of Lysosomal Storage Disorders. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25741-25752. | 4.0 | 20 |
| 88 | Memory in Single Emitter Fluorescence Blinking Reveals the Dynamic Character of Nanoscale Charge Tunneling. <i>Journal of Physical Chemistry C</i> , 2008, 112, 3417-3422. | 1.5 | 18 |
| 89 | Frequency-Encoded Multicolor Fluorescence Imaging with Single-Photon-Counting Color-Blind Detection. <i>Biophysical Journal</i> , 2018, 115, 725-736. | 0.2 | 16 |
| 90 | Tailored interfaces for biosensors and cell-surface interaction studies via activation and derivatization of polystyrene-block-poly(tert-butyl acrylate) thin films. <i>European Polymer Journal</i> , 2007, 43, 2177-2190. | 2.6 | 14 |

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| 91 | Uncovering homo-and hetero-interactions on the cell membrane using single particle tracking approaches. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 104002. | 1.3 | 13 |
| 92 | Visualising individual green fluorescent proteins with a near field optical microscope. <i>Cytometry</i> , 1999, 36, 239-246. | 1.8 | 13 |
| 93 | Dynamic Reorganization of Individual Adhesion Nanoclusters in Living Cells by Ligand-Patterned Surfaces. <i>Small</i> , 2009, 5, 1258-1263. | 5.2 | 12 |
| 94 | Biochemical and Imaging Methods to Study Receptor Membrane Organization and Association with Lipid Rafts. <i>Methods in Cell Biology</i> , 2013, 117, 105-122. | 0.5 | 11 |
| 95 | Nanoscale control of single molecule Förster resonance energy transfer by a scanning photonic nanoantenna. <i>Nanophotonics</i> , 2020, 9, 4021-4031. | 2.9 | 11 |
| 96 | Shear forces induce ICAM-1 nanoclustering on endothelial cells that impact on T-cell migration. <i>Biophysical Journal</i> , 2021, 120, 2644-2656. | 0.2 | 10 |
| 97 | Nanophotonic approaches for nanoscale imaging and single-molecule detection at ultrahigh concentrations. <i>Microscopy Research and Technique</i> , 2014, 77, 537-545. | 1.2 | 8 |
| 98 | Priming by Chemokines Restricts Lateral Mobility of the Adhesion Receptor LFA-1 and Restores Adhesion to ICAM-1 Nano-Aggregates on Human Mature Dendritic Cells. <i>PLoS ONE</i> , 2014, 9, e99589. | 1.1 | 8 |
| 99 | Altered CXCR4 dynamics at the cell membrane impairs directed cell migration in WHIM syndrome patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2119483119. | 3.3 | 7 |
| 100 | Lateral Mobility and Nanoscale Spatial Arrangement of Chemokine-activated β 1 Integrins on T Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 21053-21062. | 1.6 | 6 |
| 101 | Design and implementation of a combined scanning tunneling and near-field optical microscope. <i>Ultramicroscopy</i> , 1995, 61, 253-258. | 0.8 | 5 |
| 102 | Inhomogeneous membrane receptor diffusion explained by a fractional heteroscedastic time series model. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 3114-3121. | 1.3 | 5 |
| 103 | Impact of Glycans on Lipid Membrane Dynamics at the Nanoscale Unveiled by Planar Plasmonic Nanogap Antennas and Atomic Force Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1175-1181. | 2.1 | 5 |
| 104 | On the way to a multi-task near field optical microscope: Simultaneous STM/SNOM and PSTM imaging. <i>Microscopy Microanalysis Microstructures</i> , 1994, 5, 399-407. | 0.4 | 5 |
| 105 | Ultrafast single-molecule photonics: Excited state dynamics in coherently coupled complexes. <i>Journal of Luminescence</i> , 2008, 128, 1050-1052. | 1.5 | 4 |
| 106 | Roadmap on bio-nano-photonics. <i>Journal of Optics (United Kingdom)</i> , 2021, 23, 073001. | 1.0 | 4 |
| 107 | Probing the local field of nanoantennas using single particle luminescence. <i>Journal of Physics: Conference Series</i> , 2008, 100, 052038. | 0.3 | 3 |
| 108 | The Role of Nanophotonics in Regenerative Medicine. <i>Methods in Molecular Biology</i> , 2012, 811, 267-284. | 0.4 | 3 |

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|-----|---|-----|-----------|
| 109 | PLANT: A Method for Detecting Changes of Slope in Noisy Trajectories. Biophysical Journal, 2018, 114, 2044-2051. | 0.2 | 3 |
| 110 | Correlative nanophotonic approaches to enlighten the nanoscale dynamics of living cell membranes. Biochemical Society Transactions, 2021, 49, 2357-2369. | 1.6 | 3 |
| 111 | Looking at the photodynamics of individual fluorescent molecules and proteins. Pure and Applied Chemistry, 2001, 73, 431-434. | 0.9 | 2 |
| 112 | Meeting Report " Visualizing signaling nanoplatfoms at a higher spatiotemporal resolution. Journal of Cell Science, 2013, 126, 3817-3821. | 1.2 | 2 |
| 113 | Hotspots of GPI-Anchored Proteins and Integrin Nanoclusters Function as Nucleation Sites for Cell Adhesion. Biophysical Journal, 2010, 98, 577a. | 0.2 | 1 |
| 114 | Weak Ergodicity Breaking of Membrane Receptor Motion Stemming from Random Diffusivity. Biophysical Journal, 2015, 108, 418a. | 0.2 | 1 |
| 115 | Advances in nanophotonics: ultrafast & ultrasensitive. , 0, , . | | 0 |
| 116 | Optical tools for nanoscale imaging. New Biotechnology, 2009, 25, S26. | 2.4 | 0 |
| 117 | Near-Field Fluorescence Correlation Spectroscopy Approach to the Study of Living Cell Membrane Dynamics. Biophysical Journal, 2010, 98, 184a. | 0.2 | 0 |
| 118 | Near-Field Optical Nanoscopy of Biological Membranes. Springer Series on Fluorescence, 2012, , 339-363. | 0.8 | 0 |
| 119 | 2.8 Super-Resolution Near-Field Optical Microscopy. , 2012, , 144-164. | | 0 |
| 120 | Automated Algorithm for Quantitative Analysis of Fluorescence Nanoscopy Images. Biophysical Journal, 2013, 104, 668a. | 0.2 | 0 |
| 121 | The Neck Region Regulates Spatiotemporal Organization and Virus-Binding Capability of the Pathogen Recognition Receptor DC-Sign. Biophysical Journal, 2013, 104, 610a. | 0.2 | 0 |
| 122 | Integrating High-Resolution Bioimaging Techniques to Unravel How Membrane Lipids Influence Nanoscale Organization and Lateral Mobility of Adhesion Receptors. Biophysical Journal, 2013, 104, 612a. | 0.2 | 0 |
| 123 | Plasmonic nanoantennas for enhanced single molecule analysis at micromolar concentrations. , 2013, , . | | 0 |
| 124 | Glycan-Based Connectivity Regulates the Hierarchical Organization of Membrane Receptors by Coupling their Micro- and Nano-Scale Lateral Mobility. Biophysical Journal, 2015, 108, 417a. | 0.2 | 0 |
| 125 | Editorial: ImmunoPhysics and ImmunoEngineering. Frontiers in Physics, 2020, 8, . | 1.0 | 0 |
| 126 | Single molecule femtosecond dynamics in an excitonically coupled system. , 2004, , . | | 0 |

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|-----|--|-----|-----------|
| 127 | Single Molecule Pump-Probe Detection on Coupled Quantum Systems. , 2006, , . | | 0 |
| 128 | Ultrafast spectroscopy of single molecules. Springer Series in Chemical Physics, 2007, , 231-233. | 0.2 | 0 |
| 129 | Near-Field Scanning Optical Microscopy of Biological Membranes. , 2011, , 185-207. | | 0 |
| 130 | Individual green fluorescent proteins (GFP) studied by near-field optical microscopy. , 1999, , 89-92. | | 0 |
| 131 | DNA-protein interactions: single molecule spectroscopy and imaging. , 1999, , 273-274. | | 0 |
| 132 | Nanophotonic Approaches for Nanoscale Imaging and Single- Molecule Detection at Ultrahigh Concentrations. , 2014, , 474-493. | | 0 |