

Pamina M Winkler

List of Publications by Year in descending order

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10
papers

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1307366

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times ranked

912
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | All-Dielectric Silicon Nanogap Antennas To Enhance the Fluorescence of Single Molecules. Nano Letters, 2016, 16, 5143-5151. | 4.5 | 197 |
| 2 | In-Plane Plasmonic Antenna Arrays with Surface Nanogaps for Giant Fluorescence Enhancement. Nano Letters, 2017, 17, 1703-1710. | 4.5 | 114 |
| 3 | Planar Optical Nanoantennas Resolve Cholesterol-Dependent Nanoscale Heterogeneities in the Plasma Membrane of Living Cells. Nano Letters, 2017, 17, 6295-6302. | 4.5 | 43 |
| 4 | Engineering Thermoswitchable Lithographic Hybrid Gold Nanorods as Plasmonic Devices for Sensing and Active Plasmonics Applications. ACS Photonics, 2015, 2, 1199-1208. | 3.2 | 41 |
| 5 | Optical Antenna-Based Fluorescence Correlation Spectroscopy to Probe the Nanoscale Dynamics of Biological Membranes. Journal of Physical Chemistry Letters, 2018, 9, 110-119. | 2.1 | 41 |
| 6 | Transient Nanoscopic Phase Separation in Biological Lipid Membranes Resolved by Planar Plasmonic Antennas. ACS Nano, 2017, 11, 7241-7250. | 7.3 | 39 |
| 7 | Nanoplasmonic heating and sensing to reveal the dynamics of thermoresponsive polymer brushes. Applied Physics Letters, 2015, 107, . | 1.5 | 10 |
| 8 | Impact of Glycans on Lipid Membrane Dynamics at the Nanoscale Unveiled by Planar Plasmonic Nanogap Antennas and Atomic Force Spectroscopy. Journal of Physical Chemistry Letters, 2021, 12, 1175-1181. | 2.1 | 5 |
| 9 | Correlative nanophotonic approaches to enlighten the nanoscale dynamics of living cell membranes. Biochemical Society Transactions, 2021, 49, 2357-2369. | 1.6 | 3 |
| 10 | Planar plasmonic antenna arrays resolve transient nanoscopic heterogeneities in biological membranes. , 2020, , . | | 1 |