

# Antony P Murphy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9115436/publications.pdf>

Version: 2024-02-01

28  
papers

1,105  
citations

471509

17  
h-index

580821

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1650  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Investigating optical properties of gold nanorod arrays. , 2019, , .   |      | 0         |
| 2  | Investigating electromagnetic field enhancements from gold nanostructured arrays for plasmon enhanced fluorescence. , 2019, , .                                |      | 0         |
| 3  | Graphene oxide modification of plexciton states in the strong coupling limit. Materials Research Express, 2017, 4, 035026.                                     | 1.6  | 2         |
| 4  | Spontaneous Emission inside a Hyperbolic Metamaterial Waveguide. ACS Photonics, 2017, 4, 2513-2521.  | 6.6  | 43        |
| 5  | In Situ Ellipsometric Monitoring of Gold Nanorod Metamaterials Growth. ACS Applied Materials & Interfaces, 2017, 9, 17379-17386.                               | 8.0  | 8         |
| 6  | Strong coupling in molecular exciton-plasmon Au nanorod array systems. Applied Physics Letters, 2016, 108, 053102.   | 3.3  | 23        |
| 7  | Zero-Reflectance Metafilms for Optimal Plasmonic Sensing. Advanced Optical Materials, 2016, 4, 328-335.  | 7.3  | 20        |
| 8  | Hyperbolic Polaritonic Crystals Based on Nanostructured Nanorod Metamaterials. Advanced Materials, 2015, 27, 5974-5980.  | 21.0 | 30        |
| 9  | Plasmon enhanced fluorescence studies from aligned gold nanorod arrays modified with SiO <sub>2</sub> spacer layers. Applied Physics Letters, 2015, 106, .     | 3.3  | 32        |
| 10 | Application of AAO Matrix in Aligned Gold Nanorod Array Substrates for Surface-Enhanced Fluorescence and Raman Scattering. Plasmonics, 2014, 9, 1371-1376.     | 3.4  | 29        |
| 11 | Control over plasmon enhanced Raman and fluorescence from quasi free-standing Au nanorod arrays. , 2014, , .   |      | 1         |
| 12 | Effect of matrix on Raman scattering and luminescence in 2D gold nanorod arrays. Proceedings of SPIE, 2014, , .  | 0.8  | 2         |
| 13 | Tunable magneto-optical metamaterials based on photonic resonances in nickel nanorod arrays. Materials Research Express, 2014, 1, 015801.                      | 1.6  | 16        |
| 14 | Optical and magneto-optical properties of gold core cobalt shell magnetoplasmonic nanowire arrays. Nanoscale, 2014, 6, 12905-12911.                            | 5.6  | 25        |
| 15 | Manipulating polarization of light with ultrathin epsilon-near-zero metamaterials. Optics Express, 2013, 21, 14907.  | 3.4  | 119       |
| 16 | Ultrasensitive Non-Resonant Detection of Ultrasound with Plasmonic Metamaterials. Advanced Materials, 2013, 25, 2351-2356.                                     | 21.0 | 54        |
| 17 | Fabrication and optical properties of large-scale arrays of gold nanocavities based on rod-in-a-tube coaxials. Applied Physics Letters, 2013, 102, .           | 3.3  | 33        |
| 18 | Surface-Enhanced Raman Scattering from Metallic Nanostructures: Bridging the Gap between the Near-Field and Far-Field Responses. Physical Review X, 2013, 3, . | 8.9  | 28        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Brillouin light scattering by spin waves in magnetic metamaterials based on Co nanorods. <i>Optical Materials Express</i> , 2012, 2, 1260.   | 3.0  | 5         |
| 20 | Brillouin scattering of light by spin waves in ferromagnetic nanorods. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 3406-3409.  | 2.3  | 1         |
| 21 | Directed self-assembly of nanorod networks: bringing the top down to the bottom up. <i>Nanotechnology</i> , 2012, 23, 505302.  | 2.6  | 4         |
| 22 | Nonlinearly coupled localized plasmon resonances: Resonant second-harmonic generation. <i>Physical Review B</i> , 2012, 86, .  | 3.2  | 70        |
| 23 | Plasmonic Sensing Using Nanodome Arrays Fabricated by Soft Nanoimprint Lithography. <i>Journal of Physical Chemistry C</i> , 2011, 115, 15234-15239.   | 3.1  | 15        |
| 24 | The controlled fabrication and geometry tunable optics of gold nanotube arrays. <i>Nanotechnology</i> , 2011, 22, 045705.  | 2.6  | 29        |
| 25 | High-Performance Biosensing Using Arrays of Plasmonic Nanotubes. <i>ACS Nano</i> , 2010, 4, 2210-2216.   | 14.6 | 140       |
| 26 | Wavelength Dependence of Raman Enhancement from Gold Nanorod Arrays: Quantitative Experiment and Modeling of a Hot Spot Dominated System. <i>Journal of Physical Chemistry C</i> , 2010, 114, 19913-19919. | 3.1  | 75        |
| 27 | Optical Nonlocalities and Additional Waves in Epsilon-Near-Zero Metamaterials. <i>Physical Review Letters</i> , 2009, 102, 127405.   | 7.8  | 249       |
| 28 | Fabrication and optical properties of gold nanotube arrays. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 362203.   | 1.8  | 51        |