## Francois Lagugne-Labarthet

List of Publications by Year in descending order

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125 papers

3,942 citations

36 h-index 57 g-index

126 all docs

126 docs citations

126 times ranked 4711 citing authors

| #  | Article  | IF          | Citations |
|----|--|-------------|-----------|
| 1  | Control of Chirality of an Azobenzene Liquid Crystalline Polymer with Circularly Polarized Light.<br>Journal of the American Chemical Society, 2000, 122, 12646-12650.   | 13.7        | 214       |
| 2  | Analyses of the Diffraction Efficiencies, Birefringence, and Surface Relief Gratings on Azobenzene-Containing Polymer Films. Journal of Physical Chemistry B, 1998, 102, 2654-2662.  | 2.6         | 132       |
| 3  | Spectroscopic and Optical Characterization of a Series of Azobenzene-Containing Side-Chain Liquid Crystalline Polymers. Macromolecules, 2000, 33, 6815-6823.   | 4.8         | 106       |
| 4  | Vibrational Circular Dichroism in General Anisotropic Thin Solid Films: Measurement and Theoretical Approach. Applied Spectroscopy, 2005, 59, 732-745.   | 2.2         | 104       |
| 5  | Microfluidic channel with embedded SERS 2D platform for the aptamer detection of ochratoxin A. Analytical and Bioanalytical Chemistry, 2013, 405, 1613-1621.   | 3.7         | 98        |
| 6  | Icephobic Behavior of UV-Cured Polymer Networks Incorporated into Slippery Lubricant-Infused Porous Surfaces: Improving SLIPS Durability. ACS Applied Materials & Samp; Interfaces, 2018, 10, 2890-2896.   | 8.0         | 97        |
| 7  | Optical Properties of Silver and Gold Tetrahedral Nanopyramid Arrays Prepared by Nanosphere<br>Lithography. Journal of Physical Chemistry C, 2013, 117, 14778-14786.   | 3.1         | 92        |
| 8  | Polarization analysis of diffracted orders from a birefringence grating recorded on azobenzene containing polymer. Applied Physics Letters, 1999, 75, 1377-1379.   | 3.3         | 91        |
| 9  | Synthesis and Characterization of a Series of Azobenzene-Containing Side-Chain Liquid Crystalline Polymers. Macromolecules, 2003, 36, 2680-2688.   | 4.8         | 88        |
| 10 | Azopolymer Holographic Diffraction Gratings:Â Time Dependent Analyses of the Diffraction Efficiency, Birefringence, and Surface Modulation Induced by Two Linearly Polarized Interfering Beams. Journal of Physical Chemistry B, 1999, 103, 6690-6699. | 2.6         | 82        |
| 11 | Tunable 3D Plasmonic Cavity Nanosensors for Surface-Enhanced Raman Spectroscopy with Sub-femtomolar Limit of Detection. ACS Photonics, 2015, 2, 752-759.   | 6.6         | 80        |
| 12 | Photoinduced Orientation of Azobenzene Chromophores in Amorphous Polymers As Studied by Real-Time Visible and FTIR Spectroscopies. Macromolecules, 1998, 31, 7312-7320.  | 4.8         | 77        |
| 13 | Localized enhancement of electric field in tip-enhanced Raman spectroscopy using radially and linearly polarized light. Optics Express, 2013, 21, 25271.   | 3.4         | 75        |
| 14 | Raman Enhancement of Azobenzene Monolayers on Substrates Prepared by Langmuirâ^Blodgett Deposition and Electron-Beam Lithography Techniques. Langmuir, 2008, 24, 11313-11321.  | <b>3.</b> 5 | 71        |
| 15 | Covalently Assembled Gold Nanoparticle-Carbon Nanotube Hybrids via a Photoinitiated Carbene<br>Addition Reaction. Chemistry of Materials, 2011, 23, 1519-1525.   | 6.7         | 71        |
| 16 | Polarized Raman Confocal Microscopy of Single Gallium Nitride Nanowires. Journal of the American Chemical Society, 2005, 127, 17146-17147.   | 13.7        | 70        |
| 17 | Highly Stable Optically Induced Birefringence and Holographic Surface Gratings on a New<br>Azocarbazole-Based Polyimide. Macromolecules, 1999, 32, 8572-8579.  | 4.8         | 65        |
| 18 | SERS Detection of Streptavidin/Biotin Monolayer Assemblies. Langmuir, 2011, 27, 1494-1498.   | 3.5         | 65        |

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| 19 | Molecular Orientations in Azopolymer Holographic Diffraction Gratings as Studied by Raman Confocal Microspectroscopy. Journal of Physical Chemistry B, 1998, 102, 5754-5765.   | 2.6  | 58        |
| 20 | Ultrasharp Opticalâ€Fiber Nanoprobe Array for Raman Localâ€Enhancement Imaging. Small, 2008, 4, 96-99.   | 10.0 | 58        |
| 21 | Microencapsulation by <i>in situ</i> Polymerization of Amino Resins. Polymer Reviews, 2018, 58, 326-375.   | 10.9 | 55        |
| 22 | Dynamics of Photoinduced Orientation of Nonpolar Azobenzene Groups in Polymer Films. Characterization of the Cis Isomers by Visible and FTIR Spectroscopies. Macromolecules, 2001, 34, 7514-7521.                          | 4.8  | 54        |
| 23 | Photoinduced orientations of azobenzene chromophores in two distinct holographic diffraction gratings as studied by polarized Raman confocal microspectrometry. Physical Chemistry Chemical Physics, 2000, 2, 5154-5167.   | 2.8  | 53        |
| 24 | Main Chain-Containing Azo-Tetraphenyldiaminobiphenyl Photorefractive Polymers. Chemistry of Materials, 2002, 14, 168-174.  | 6.7  | 51        |
| 25 | Imaging of single GaN nanowires by tipâ€enhanced Raman spectroscopy. Journal of Raman Spectroscopy, 2009, 40, 1441-1445.   | 2.5  | 48        |
| 26 | Surface modification of poly(dimethylsiloxane) for microfluidic assay applications. Applied Surface Science, 2010, 256, 2524-2531.   | 6.1  | 48        |
| 27 | Chromophore Orientations upon Irradiation in Gratings Inscribed on Azo-Dye Polymer Films: A<br>Combined AFM and Confocal Raman Microscopic Study. Journal of Physical Chemistry B, 2004, 108,<br>6949-6960.                | 2.6  | 46        |
| 28 | Orientation Distribution Functions in Uniaxial Systems Centered Perpendicularly to a Constraint Direction. Applied Spectroscopy, 2000, 54, 699-705.  | 2.2  | 45        |
| 29 | Surface-Enhanced Raman and Fluorescence Spectroscopy of Dye Molecules Deposited on Nanostructured Gold Surfaces. Journal of Physical Chemistry C, 2010, 114, 12878-12884.  | 3.1  | 44        |
| 30 | Mapping Hot-Spots in Hexagonal Arrays of Metallic Nanotriangles with Azobenzene Polymer Thin Films. Journal of Physical Chemistry C, 2011, 115, 15318-15323.   | 3.1  | 43        |
| 31 | Inscription of holographic gratings using circularly polarized light: influence of the optical set-up on the birefringence and surface relief grating properties. Applied Physics B: Lasers and Optics, 2002, 74, 129-137. | 2.2  | 42        |
| 32 | Label-Free Mapping of Osteopontin Adsorption to Calcium Oxalate Monohydrate Crystals by Tip-Enhanced Raman Spectroscopy. Journal of the American Chemical Society, 2012, 134, 17076-17082.                                 | 13.7 | 42        |
| 33 | Optical erasures and unusual surface reliefs of holographic gratings inscribed on thin films of an azobenzene functionalized polymer. Physical Chemistry Chemical Physics, 2002, 4, 4020-4029.                             | 2.8  | 40        |
| 34 | Advancements in fractal plasmonics: structures, optical properties, and applications. Analyst, The, 2019, 144, 13-30.  | 3.5  | 40        |
| 35 | Time dependent analysis of the formation of a half-period surface relief grating on amorphous azopolymer films. Journal of Applied Physics, 2001, 90, 3149-3158.   | 2.5  | 39        |
| 36 | Surface-Enhanced Fluorescence: Mapping Individual Hot Spots in Silica-Protected 2D Gold Nanotriangle Arrays. Journal of Physical Chemistry C, 2012, 116, 11665-11670.  | 3.1  | 39        |

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| 37 | Multitip-Localized Enhanced Raman Scattering from a Nanostructured Optical Fiber Array. Journal of Physical Chemistry C, 2009, 113, 874-881.  | 3.1          | 38        |
| 38 | Photocontrolled Degradation of Stimuli-Responsive Poly(ethyl glyoxylate): Differentiating Features and Traceless Ambient Depolymerization. Macromolecules, 2016, 49, 7196-7203.   | 4.8          | 38        |
| 39 | Chromophore Orientations in Surface Relief Gratings with Second-Order Nonlinearity as Studied by Confocal Polarized Raman Microspectrometry. Journal of Physical Chemistry B, 2004, 108, 1267-1278.   | 2.6          | 37        |
| 40 | Biaxial Orientation Induced in a Photoaddressable Azopolymer Thin Film As Evidenced by Polarized UVâ <sup>^</sup> Visible, Infrared, and Raman Spectra. Macromolecules, 2004, 37, 2880-2889.  | 4.8          | 37        |
| 41 | A π-conjugated inorganic polymer constructed from boron difluoride formazanates and platinum( <scp>ii</scp> ) diynes. Chemical Communications, 2018, 54, 6899-6902.   | 4.1          | 36        |
| 42 | Raman Study of the Photoisomerization and Angular Reorientation of Azobenzene Molecules in a DR1-Doped Polymer Matrix. Journal of Raman Spectroscopy, 1996, 27, 491-498.  | 2.5          | 35        |
| 43 | Imaging the Optical near Field in Plasmonic Nanostructures. Applied Spectroscopy, 2014, 68, 1307-1326.  | 2.2          | 35        |
| 44 | Tip-Enhanced Raman Spectroscopy of Self-Assembled Thiolated Monolayers on Flat Gold Nanoplates Using Gaussian-Transverse and Radially Polarized Excitations. Journal of Physical Chemistry C, 2013, 117, 15639-15646.                                     | 3.1          | 34        |
| 45 | Tip-enhanced Raman spectroscopy of graphene-like and graphitic platelets on ultraflat gold nanoplates. Physical Chemistry Chemical Physics, 2015, 17, 21315-21322.  | 2.8          | 34        |
| 46 | Hydroxyapatite Growth Inhibition Effect of Pellicle Statherin Peptides. Journal of Dental Research, 2015, 94, 1106-1112.  | 5.2          | 34        |
| 47 | Analytical Considerations in Nanoscale Flow Cytometry of Extracellular Vesicles to Achieve Data<br>Linearity. Thrombosis and Haemostasis, 2018, 118, 1612-1624.   | 3.4          | 34        |
| 48 | Dendritic Plasmonics for Mid-Infrared Spectroscopy. Journal of Physical Chemistry C, 2017, 121, 9497-9507.  | 3.1          | 33        |
| 49 | Chromophore Orientations in a Nonlinear Optical Azopolymer Diffraction Grating: Even and Odd<br>Order Parameters from Far-Field Raman and Near-Field Second Harmonic Generation Microscopies.<br>Journal of Physical Chemistry B, 2004, 108, 17059-17068. | 2.6          | 32        |
| 50 | Poled polymer thin-film gratings studied with far-field optical diffraction and second-harmonic near-field microscopy. Optics Letters, 2003, 28, 1296.  | 3.3          | 31        |
| 51 | Investigation of thermochromism in a series of side-chain, liquid-crystalline, azobenzene-containing polymers. Canadian Journal of Chemistry, 2004, 82, 1-10.   | 1.1          | 31        |
| 52 | Mechanism of inhibition of calcium oxalate crystal growth by an osteopontin phosphopeptide. Soft Matter, 2012, 8, 1226-1233.  | 2.7          | 31        |
| 53 | Controlled positioning of analytes and cells on a plasmonic platform for glycan sensing using surface enhanced Raman spectroscopy. Chemical Science, 2016, 7, 575-582.  | 7.4          | 31        |
| 54 | Tip-enhanced Raman spectroscopy of amyloid $\hat{I}^2$ at neuronal spines. Analyst, The, 2017, 142, 4415-4421.  | 3 <b>.</b> 5 | 31        |

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| 55 | Superimposed Arrays of Nanoprisms for Multispectral Molecular Plasmonics. ACS Photonics, 2016, 3, 1723-1732.  | 6.6          | 30        |
| 56 | Plasmonic properties of Fischer's patterns: polarization effects. Physical Chemistry Chemical Physics, 2010, 12, 6810.  | 2.8          | 29        |
| 57 | Surface patterning using plasma-deposited fluorocarbon thin films for single-cell positioning and neural circuit arrangement. Biomaterials, 2011, 32, 1351-1360.  | 11.4         | 29        |
| 58 | Au Nanostructured Surfaces for Electrochemical and Localized Surface Plasmon Resonance-Based Monitoring of α-Synuclein–Small Molecule Interactions. ACS Applied Materials & Samp; Interfaces, 2015, 7, 4081-4088.   | 8.0          | 29        |
| 59 | Photoinduced linear and/or circular birefringences from light propagation through amorphous or smectic azopolymer films. Applied Physics B: Lasers and Optics, 2002, 75, 541-548.                                   | 2.2          | 28        |
| 60 | Studies of the interaction of two organophosphonates with nanostructured silver surfaces. Analyst, The, 2012, 137, 4448.  | <b>3.</b> 5  | 28        |
| 61 | Optoelectronic, Aggregation, and Redox Properties of Doubleâ€Rotor Boron Difluoride Hydrazone<br>Dyes. Chemistry - A European Journal, 2019, 25, 5994-6006.   | 3.3          | 28        |
| 62 | Tip-enhanced Raman spectroscopy: plasmid-free vs. plasmid-embedded DNA. Analyst, The, 2016, 141, 3251-3258.   | 3.5          | 27        |
| 63 | Photochromic Organic Nanoparticles as Innovative Platforms for Plasmonic Nanoassemblies. ACS Applied Materials & Samp; Interfaces, 2015, 7, 1932-1942.  | 8.0          | 24        |
| 64 | Sensing Vase-to-Kite Switching of Cavitands by Sum-Frequency Vibrational Spectroscopy. Journal of the American Chemical Society, 2006, 128, 12610-12611.  | 13.7         | 23        |
| 65 | Remote surface enhanced Raman spectroscopy imaging via a nanostructured optical fiber bundle.<br>Optics Express, 2009, 17, 24030.   | 3.4          | 23        |
| 66 | Surface Vibrational Spectroscopy on Shear-Aligned Poly(tetrafluoroethylene) Films. Journal of the American Chemical Society, 2003, 125, 14218-14219.  | 13.7         | 22        |
| 67 | Tip-Enhanced Raman Imaging and Nano Spectroscopy of Etched Silicon Nanowires. Sensors, 2013, 13, 12744-12759.   | 3.8          | 22        |
| 68 | Microspectrometric study of azobenzene chromophore orientations in a holographic diffraction grating inscribed on a p(HEMA-co-MMA) functionalized copolymer film. Journal of Raman Spectroscopy, 2001, 32, 665-675. | 2.5          | 21        |
| 69 | Luminescent CdSe Superstructures: A Nanocluster Superlattice and a Nanoporous Crystal. Journal of the American Chemical Society, 2017, 139, 1129-1144.  | 13.7         | 21        |
| 70 | Second harmonic generation from gold meta-molecules with three-fold symmetry. Physical Chemistry Chemical Physics, 2016, 18, 7956-7965.   | 2.8          | 19        |
| 71 | Nanoparticle Organization through Photoinduced Bulk Mass Transfer. Langmuir, 2014, 30, 2926-2935.   | 3.5          | 18        |
| 72 | Preparation and characterization of germanium oxysulfide glassy films for optics. Materials Research Bulletin, 2008, 43, 1179-1187.   | 5 <b>.</b> 2 | 17        |

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| 73 | The role of bone sialoprotein in the tendon–bone insertion. Matrix Biology, 2016, 52-54, 325-338.   | 3.6             | 17        |
| 74 | Characterization of extracellular vesicles derived from mesenchymal stromal cells by surface-enhanced Raman spectroscopy. Analytical and Bioanalytical Chemistry, 2021, 413, 5013-5024.   | 3.7             | 17        |
| 75 | Towards attomolar detection using a surface-enhanced Raman spectroscopy platform fabricated by nanosphere lithography. Canadian Journal of Chemistry, 2014, 92, 1-8.  | 1.1             | 15        |
| 76 | Exploiting Anisotropy of Plasmonic Nanostructures with Polarization Modulation Infrared Linear Dichroism Microscopy (ÂμPMâ€IRLD). Advanced Optical Materials, 2018, 6, 1701336.   | 7.3             | 15        |
| 77 | Hexagonal Array of Gold Nanotriangles: Modeling the Electric Field Distribution. Journal of Physical Chemistry C, 2010, 114, 19952-19957.   | 3.1             | 14        |
| 78 | Probing the Plasmonic Properties of Heterometallic Nanoprisms with Near-Field Fluorescence Microscopy. Journal of Physical Chemistry C, 2016, 120, 20267-20276.   | 3.1             | 14        |
| 79 | Characterization of ovarian cancer-derived extracellular vesicles by surface-enhanced Raman spectroscopy. Analyst, The, 2021, 146, 7194-7206.   | 3.5             | 13        |
| 80 | Polarized measurements in Raman microscopy. Annual Reports on the Progress of Chemistry Section C, 2007, 103, 326-350.  | 4.4             | 12        |
| 81 | On the absorption and electromagnetic field spectral shifts in plasmonic nanotriangle arrays. Optics Express, 2014, 22, 13308.  | 3.4             | 12        |
| 82 | Hierarchical Plasmon Resonances in Fractal Structures. ACS Photonics, 2020, 7, 1246-1254.   | 6.6             | 12        |
| 83 | Orientation Distribution Functions Based upon Both ã€^P1〉, ã€^P3〉 Order Parameters and upon the Four to ã€^P4〉 Values: Application to an Electrically Poled Nonlinear Optical Azopolymer Film. Applied Spectroscopy, 2005, 59, 322-328. | ã€^P1ã€%<br>2.2 |           |
| 84 | Significant Enhancement of the Optical Second Harmonic Generation in a Poled Azopolymer Thin Grating. Journal of Physical Chemistry B, 2006, 110, 13689-13693.  | 2.6             | 10        |
| 85 | Orientation of cavitands at air/water and air/solid interfaces studied by second harmonic generation. Chemical Physics Letters, 2003, 381, 322-328.   | 2.6             | 9         |
| 86 | Proton Driven Vase-to-Kite Conformational Change in Cavitands at an Airâ^'Water Interface Monitored by Surface SHG. Langmuir, 2005, 21, 7066-7070.  | 3.5             | 9         |
| 87 | Positionally controlled growth of cells using a cytophobic fluorinated polymer. Analytical and Bioanalytical Chemistry, 2010, 396, 1159-1165.   | 3.7             | 9         |
| 88 | Electrochemistry of robust gold nanoparticle–glassy carbon hybrids generated using a patternable photochemical approach. Journal of Materials Chemistry, 2012, 22, 23971.   | 6.7             | 9         |
| 89 | A nanoaggregate-on-mirror platform for molecular and biomolecular detection by surface-enhanced Raman spectroscopy. Analytical and Bioanalytical Chemistry, 2016, 408, 609-618.   | 3.7             | 9         |
| 90 | Carving Plasmon Modes in Silver Sierpiński Fractals. ACS Photonics, 2019, 6, 2974-2984.   | 6.6             | 9         |

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| 91  | Directing GPCR-transfected cells and neuronal projections with nano-scale resolution. Biomaterials, 2013, 34, 10065-10074.  | 11.4 | 8         |
| 92  | Fabrication and In Situ Cross-Linking of Carboxylic-Acid-Functionalized Poly(Ester Amide) Scaffolds for Tissue Engineering. ACS Applied Polymer Materials, 2019, 1, 2360-2369.                                | 4.4  | 8         |
| 93  | A Raman confocal microspectroscopic study on azopolymer holographic diffraction gratings: Photo― and mass transportâ€induced effects on the molecular orientation. Macromolecular Symposia, 1999, 137, 75-82. | 0.7  | 7         |
| 94  | Enhanced Rates of Photoinduced Molecular Orientation in a Series of Molecular Glassy Thin Films. Langmuir, 2015, 31, 7296-7305.   | 3.5  | 7         |
| 95  | Gold nanosponges (AuNS): a versatile nanostructure for surface-enhanced Raman spectroscopic detection of small molecules and biomolecules. Analyst, The, 2015, 140, 7278-7282.                                | 3.5  | 7         |
| 96  | Imaging the Surface of a Hand-Colored 19th Century Daguerreotype. Applied Spectroscopy, 2018, 72, 1215-1224.  | 2.2  | 7         |
| 97  | Plasmon-Mediated Drilling in Thin Metallic Nanostructures. ACS Omega, 2018, 3, 7269-7277.   | 3.5  | 7         |
| 98  | Investigation of Au SAMs Photoclick Derivatization by PM-IRRAS. Langmuir, 2020, 36, 1014-1022.  | 3.5  | 7         |
| 99  | Ultrafiltration and Injection of Islet Regenerative Stimuli Secreted by Pancreatic Mesenchymal Stromal Cells. Stem Cells and Development, 2021, 30, 247-264.  | 2.1  | 7         |
| 100 | Investigating the Performances of Wide-Field Raman Microscopy with Stochastic Optical Reconstruction Post-Processing. Applied Spectroscopy, 2022, 76, 340-351.  | 2.2  | 7         |
| 101 | Tip-Enhanced Raman Spectroscopy and Tip-Enhanced Photoluminescence of MoS <sub>2</sub> Flakes Decorated with Gold Nanoparticles. Journal of Physical Chemistry C, 0, , .                                      | 3.1  | 7         |
| 102 | A Mass-Producible and Versatile Sensing System: Localized Surface Plasmon Resonance Excited by Individual Waveguide Modes. ACS Sensors, 2018, 3, 334-341.   | 7.8  | 6         |
| 103 | In search of the hot spot. Nature Nanotechnology, 2019, 14, 922-923.  | 31.5 | 6         |
| 104 | Trapping and SERS identification of extracellular vesicles using nanohole arrays. , 2019, , .   |      | 6         |
| 105 | Probing mid-infrared plasmon resonances in extended radial fractal structures. Optics Letters, 2019, 44, 3865.  | 3.3  | 6         |
| 106 | High-resolution Raman imaging of bundles of single-walled carbon nanotubes by tip-enhanced Raman spectroscopy. Canadian Journal of Chemistry, 2015, 93, 51-59.  | 1.1  | 5         |
| 107 | Recent Advances of Plasmon-Enhanced Spectroscopy at Bio-Interfaces. ACS Symposium Series, 2016, , 183-207.  | 0.5  | 5         |
| 108 | Second-Harmonic Generation from Dendritic Fractal Structures. Plasmonics, 2020, 15, 507-515.  | 3.4  | 5         |

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| 109 | GSK3787-Loaded Poly(Ester Amide) Particles for Intra-Articular Drug Delivery. Polymers, 2020, 12, 736.  | 4.5 | 5         |
| 110 | Deciphering tip-enhanced Raman imaging of carbon nanotubes with deep learning neural networks. Physical Chemistry Chemical Physics, 2020, 22, 17857-17866.                                    | 2.8 | 4         |
| 111 | Sierpiński Fractals as Plasmonic Metastructures for Second-Harmonic Generation. ACS Applied Nano<br>Materials, 2020, 3, 3922-3929.  | 5.0 | 4         |
| 112 | Exploiting Light Interferences to Generate Micrometerâ€High Superstructures from Monomeric Azo Materials with Extensive Orientational Mobility. Advanced Optical Materials, 2021, 9, 2100525. | 7.3 | 4         |
| 113 | Extending nanoscale patterning with multipolar surface plasmon resonances. Nanoscale, 2021, 13, 11051-11057.  | 5.6 | 4         |
| 114 | Plasmonic nanostructures for enhanced Raman spectroscopy: SERS and TERS of thiolated monolayers. Proceedings of SPIE, 2014, , .   | 0.8 | 3         |
| 115 | Pushing the limit of confocal polarized Raman microscopy. Canadian Journal of Chemistry, 2007, 85, 806-815.   | 1.1 | 2         |
| 116 | Single-beam inscription of plasmon-induced surface gratings. Optical Materials, 2021, 112, 110775.  | 3.6 | 2         |
| 117 | Three-color plasmon-mediated reduction of diazonium salts over metasurfaces. Nanoscale Advances, 2021, 3, 2501-2507.  | 4.6 | 2         |
| 118 | Optical Resonances of Chiral Metastructures in the Midâ€infrared Spectral Range. Israel Journal of Chemistry, 2023, 63, .   | 2.3 | 2         |
| 119 | Poled polymer thin film gratings studied by near-field second harmonic optical microscopy and far-field optical diffraction. , 2003, , .  |     | 1         |
| 120 | Tip-enhanced Raman spectroscopy: application to the study of single silicon nanowire and functionalized gold surface. Proceedings of SPIE, $2012$ , , .                                       | 0.8 | 1         |
| 121 | Optical near-field mapping of plasmonic nanostructures prepared by nanosphere lithography. Beilstein Journal of Nanotechnology, 2018, 9, 1536-1543.   | 2.8 | 1         |
| 122 | Second harmonic generation microscopy from non-centrosymmetric gold half-coated polystyrene spheres. Surface Science, 2018, 676, 46-50.   | 1.9 | 0         |
| 123 | Surface Plasmon Resonance Mode Behaviour in Sierpinski Fractal Triangles and New Plasmonic<br>Materials. Microscopy and Microanalysis, 2019, 25, 636-637.                                     | 0.4 | 0         |
| 124 | Correction: Extending nanoscale patterning with multipolar surface plasmon resonances. Nanoscale, 2021, 13, 13905-13905.  | 5.6 | 0         |
| 125 | Raman Imaging of Micro- and Nano-Structured Materials. Springer Series in Optical Sciences, 2012, , 119-143.  | 0.7 | 0         |