

Pradeep N Perera

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

486
citations

1163117

8
h-index

1125743

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all docs

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docs citations

13
times ranked

660
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Selectively accessing the hotspots of optical nanoantennas by self-aligned dry laser ablation. <i>Nanoscale</i> , 2020, 12, 19170-19177. | 5.6 | 2 |
| 2 | Diffusivity of Carbon Dioxide in Aqueous Solutions under Geologic Carbon Sequestration Conditions. <i>Journal of Physical Chemistry B</i> , 2018, 122, 4566-4572. | 2.6 | 9 |
| 3 | Selective Laser Ablation in Resists and Block Copolymers for High Resolution Lithographic Patterning. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2015, 28, 663-668. | 0.3 | 4 |
| 4 | Selective laser ablation of radiation exposed methyl acetoxycalix(6)arene. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2012, 30, 06F102. | 1.2 | 3 |
| 5 | Sub-20 nm laser ablation for lithographic dry development. <i>Nanotechnology</i> , 2012, 23, 185301. | 2.6 | 7 |
| 6 | Raman-spectroscopy-based noninvasive microanalysis of native lignin structure. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 983-987. | 3.7 | 22 |
| 7 | Blind image analysis for the compositional and structural characterization of plant cell walls. <i>Analytica Chimica Acta</i> , 2011, 702, 172-177. | 5.4 | 26 |
| 8 | Multiplexed concentration quantification using isotopic surface-enhanced resonance Raman scattering. <i>Journal of Raman Spectroscopy</i> , 2010, 41, 752-757. | 2.5 | 10 |
| 9 | Observation of water dangling OH bonds around dissolved nonpolar groups. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12230-12234. | 7.1 | 156 |
| 10 | Label-free in situ imaging of lignification in the cell wall of low lignin transgenic <i>Populus trichocarpa</i> . <i>Planta</i> , 2009, 230, 589-597. | 3.2 | 80 |
| 11 | Perturbations of Water by Alkali Halide Ions Measured using Multivariate Raman Curve Resolution. <i>Journal of Physical Chemistry B</i> , 2009, 113, 1805-1809. | 2.6 | 92 |
| 12 | Solute-Induced Perturbations of Solvent-Shell Molecules Observed Using Multivariate Raman Curve Resolution. <i>Journal of the American Chemical Society</i> , 2008, 130, 4576-4577. | 13.7 | 68 |
| 13 | Quantification of Isotope Encoded Proteins in 2-D Gels Using Surface Enhanced Resonance Raman. <i>Bioconjugate Chemistry</i> , 2008, 19, 2212-2220. | 3.6 | 7 |