

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

13
g-index

13
all docs

13
docs citations

13
times ranked

660
citing authors

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