

Chikashi Ota

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Behavior of Bovine Serum Albumin Molecules in Molecular Crowding Environments Investigated by Raman Spectroscopy. <i>Langmuir</i> , 2016, 32, 7372-7382.	3.5	38
2	Assessment of the Protein-Protein Interactions in a Highly Concentrated Antibody Solution by Using Raman Spectroscopy. <i>Pharmaceutical Research</i> , 2016, 33, 956-969.	3.5	23
3	Revisiting the Rate-Limiting Step of the ANS-Protein Binding at the Protein Surface and Inside the Hydrophobic Cavity. <i>Molecules</i> , 2021, 26, 420.	3.8	22
4	The molecular interaction of a protein in highly concentrated solution investigated by Raman spectroscopy. <i>Biopolymers</i> , 2015, 103, 237-246.	2.4	20
5	Solvent dependent trans-cis photoisomerization of N,N'-diacetylindigo studied by femtosecond time-resolved transient absorption spectroscopy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 358, 308-314.	3.9	12
6	Spectroscopic Analysis of Protein-Crowded Environments Using the Charge-Transfer Fluorescence Probe 8-Anilino-1-Naphthalenesulfonic Acid. <i>ChemPhysChem</i> , 2019, 20, 1456-1466.	2.1	10
7	Spectroscopic Signature of the Steric Strains in an <i>Escherichia coli</i> RNase HI Cavity-Filling Destabilized Mutant Protein. <i>Journal of Physical Chemistry B</i> , 2020, 124, 91-100.	2.6	8
8	Energy transfer at heterogeneous protein-protein interfaces to investigate the molecular behaviour in the crowding environment. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 175, 145-154.	3.9	5
9	Ultrafast excited state dynamics of nonfluorescent cyclophosphoramide enol, a catabolite of chlorophyll-a detoxified in algae-feeding aquatic microbes. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 64-70.	2.9	5
10	Investigation of the structure of water at hydrophobic and hydrophilic interfaces by angle-resolved TIR Raman spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 26435-26442.	2.8	4
11	Ultrafast Dynamics of a Solvatochromic Dye, Phenol Blue: Tautomerization and Coherent Wavepacket Oscillations. <i>Journal of Physical Chemistry B</i> , 2021, 125, 10832-10842.	2.6	4
12	Spectroscopic Evidence of the Salt-Induced Conformational Change around the Localized Electric Charges on the Protein Surface of Fibronectin Type III. <i>Langmuir</i> , 2020, 36, 14243-14254.	3.5	3
13	Alkyne Tagged Raman Probes for Protein by Chemical Modification Approach. <i>ChemistrySelect</i> , 2017, 2, 1267-1270.	1.5	2