Yoonsoo Pang

List of Publications by Year
in descending order

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52 papers	1,121 citations	394421 19 h-index	395702 33 g-index
52 all docs	52 docs citations	52 times ranked	1137 citing authors

#	Article	IF	Citations
1	Composite silver nanosurfaces of dipole and quadrupole surface plasmon resonances for fluorescence enhancements. Bulletin of the Korean Chemical Society, 2022, 43, 35-39.	1.9	2
2	Intramolecular charge transfer of coumarin dyes confined in methanol-in-oil reverse micelles. Journal of Molecular Liquids, 2022, 346, 118313.	4.9	5
3	Intramolecular Charge Transfer of Curcumin and Solvation Dynamics of DMSO Probed by Time-Resolved Raman Spectroscopy. International Journal of Molecular Sciences, 2022, 23, 1727.	4.1	3
4	Intramolecular charge transfer of a pushâ€“pull chromophore with restricted internal rotation of an electron donor. Physical Chemistry Chemical Physics, 2022, 24, 5794-5802.	2.8	4
5	Twisted intramolecular charge transfer of nitroaromatic pushâ€“pull chromophores. Scientific Reports, 2022, 12, 6557.	3.3	11
6	Metal-enhanced fluorescence of dyes with quadrupole surface plasmon resonance of silver nanoparticles. Nanoscale Advances, 2022, 4, 2794-2805.	4.6	5
7	Adsorption of dipeptide L-alanyl-L-tryptophan on gold colloidal nanoparticles studied by surface-enhanced Raman spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 247, 119064.	3.9	10
8	Surface adsorption of hydroxyanthraquinones on CTAB-modified gold nanosurfaces. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 251, 119408.	3.9	7
9	Intramolecular Charge Transfer of 1-Aminoanthraquinone and Ultrafast Solvation Dynamics of Dimethylsulfoxide. International Journal of Molecular Sciences, 2021, 22, 11926.	4.1	4
10	Twisted Intramolecular Charge Transfer State of a â€œPush-Pullâ€•Emitter. International Journal of Molecular Sciences, 2020, 21, 7999.	4.1	12
11	Excited-state dynamics of 4-dimethylamino-4â€²-nitrobiphenyl confined in AOT reverse micelles. Journal of Molecular Liquids, 2020, 305, 112873.	4.9	10
12	Structural Changes of Nitroaromatic Molecules During the Intramolecular Charge Transfer. , 2020, , .		0
13	Fluorescence Enhancement by the Dipole and Quadrupole Surface Plasmons of Silver Nanoparticles. , 2020, , .		0
14	Ultrafast solvation dynamics of dimethyl sulfoxide induced by excited-state intramolecular proton transfers. , 2020, , .		0
15	Intramolecular charge transfer state of â€œpush-pullâ€•dyes probed by femtosecond stimulated Raman spectroscopy. , 2020, , .		0
16	Homogeneous silver colloidal substrates optimal for metal-enhanced fluorescence. Physical Chemistry Chemical Physics, 2019, 21, 11599-11607.	2.8	20
17	Metal-enhanced fluorescence and excited state dynamics of carotenoids in thin polymer films. Scientific Reports, 2019, 9, 3551.	3.3	16
18	Photophysical properties of 1,2-dihydroxyanthraquinone in AOT reverse micelles. Journal of Molecular Liquids, 2019, 279, 503-509.	4.9	9

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19	Ultrafast intramolecular proton transfer reactions and solvation dynamics of DMSO. Structural Dynamics, 2019, 6, 064901.	2.3	18
20	Surface Stateâ€Mediated Charge Transfer of Cs₂SnI₆ and Its Application in Dyeâ€Sensitized Solar Cells. Advanced Energy Materials, 2019, 9, 1803243.	19.5	37
21	Investigation of the growth and in situ heating transmission electron microscopy analysis of Ag2S-catalyzed ZnS nanowires. Applied Surface Science, 2018, 436, 556-561.	6.1	11
22	Ultrafast Intramolecular Proton Transfer Reaction of 1,2- Dihydroxyanthraquinone in the Excited State. , 2018, , .		0
23	Intramolecular Charge Transfer Probed by Femtosecond Stimulated Raman Spectroscopy. , 2018, , .		1
24	Ultrafast Electron Injection from the S2 State of Carotenoids into TiO2 Nanoparticles. Journal of Nanoscience and Nanotechnology, 2017, 17, 2685-2689.	0.9	0
25	Ultrafast Intramolecular Proton Transfer of Alizarin Investigated by Femtosecond Stimulated Raman Spectroscopy. Journal of Physical Chemistry B, 2017, 121, 4129-4136.	2.6	42
26	Multifaceted adsorption of Î±-cyano-4-hydroxycinnamic acid on silver colloidal and island surfaces. Applied Surface Science, 2017, 425, 63-68.	6.1	14
27	Precisely tuneable energy transfer system using peptoid helix-based molecular scaffold. Scientific Reports, 2017, 7, 4786.	3.3	22
28	Metal-Enhanced Fluorescence and Ultrafast Energy Transfer of Dyes near Silver Nanosurfaces. ACS Symposium Series, 2016, , 209-225.	0.5	0
29	Surface-enhanced Raman scattering of coumarin 343 on silver colloidal nanoparticles. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 166, 121-128.	3.9	14
30	Metal-Enhanced Fluorescence: Ultrafast Energy Transfer from Dyes in a Polymer Film to Metal Nanoparticles. Journal of Nanoscience and Nanotechnology, 2016, 16, 1629-1632.	0.9	7
31	Surface geometry of tryptophan adsorbed on gold colloidal nanoparticles. Journal of Molecular Structure, 2015, 1096, 121-128.	3.6	33
32	Metal-Enhanced Fluorescence: Wavelength-Dependent Ultrafast Energy Transfer. Journal of Physical Chemistry C, 2015, 119, 23285-23291.	3.1	26
33	Excited state intramolecular proton transfer of 1,2-dihydroxyanthraquinone by femtosecond transient absorption spectroscopy. Current Applied Physics, 2015, 15, 1492-1499.	2.4	41
34	Excitedâ€State Dynamics of Allâ€transâ€Retinal Investigated by Timeâ€resolved Electronic and Vibrational Spectroscopy[#]. Bulletin of the Korean Chemical Society, 2015, 36, 900-905.	1.9	3
35	Excited-State Dynamics of Carotenoids Studied by Femtosecond Transient Absorption Spectroscopy. Bulletin of the Korean Chemical Society, 2014, 35, 851-857.	1.9	10
36	Unusual Relaxation Pathway from the Two-Photon Excited First Singlet State of Carotenoids. Journal of the American Chemical Society, 2010, 132, 2264-2273.	13.7	21

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37	Branching relaxation pathways from the hot S2 state of 8â€²-apo-Î²-caroten-8â€²-al. Physical Chemistry Chemical Physics, 2010, 12, 6782.	2.8	17
38	Relaxation Dynamics of 8â€²-Apo-Î²-caroten-8â€²-al: Excitation Energy Dependence. , 2010, , .		0
39	Excited-State Dynamics of 8â€²-Apo-Î²-caroten-8â€²-al and 7â€²,7â€²-Dicyano-7â€²-apo-Î²-carotene Studied by Femtosecond Time-Resolved Infrared Spectroscopy. Journal of Physical Chemistry B, 2009, 113, 13086-13095.	2.6	26
40	Vibrational Relaxation of Normal and Deuterated Liquid Nitromethane. Journal of Physical Chemistry B, 2008, 112, 232-241.	2.6	46
41	Vibrational energy in molecules probed with high time and space resolution. International Reviews in Physical Chemistry, 2007, 26, 223-248.	2.3	27
42	Hydrogen-Bond Disruption by Vibrational Excitations in Water. Journal of Physical Chemistry A, 2007, 111, 3196-3208.	2.5	53
43	Long-Lived Interfacial Vibrations of Water. Journal of Physical Chemistry B, 2006, 110, 20115-20117.	2.6	5
44	Vibrational energy transfer in reverse micelle molecular nanostructures. , 2005, , .		0
45	Reply to: Comment on â€˜Vibrational relaxation and spectral diffusion following ultrafast OH stretch excitation of waterâ€™, by H.J. Bakker, A.J. Lock, D. Madsen. Chemical Physics Letters, 2004, 385, 332-335.	2.6	18
46	Vibrational energy dynamics of water studied with ultrafast Stokes and anti-Stokes Raman spectroscopy. Chemical Physics Letters, 2004, 397, 40-45.	2.6	27
47	The vibrational Stokes shift of water (HOD in D2O). Journal of Chemical Physics, 2004, 120, 8345-8348.	3.0	27
48	Vibrational Substructure in the OH Stretching Transition of Water and HOD. Journal of Physical Chemistry A, 2004, 108, 9054-9063.	2.5	166
49	Vibrational Energy Transfer Across a Reverse Micelle Surfactant Layer. Science, 2004, 306, 473-476.	12.6	114
50	Vibrational energy relaxation pathways of water. Chemical Physics Letters, 2003, 380, 404-410.	2.6	73
51	Vibrational substructure in the OH stretching band of water. Chemical Physics Letters, 2003, 378, 281-288.	2.6	78
52	Adsorption of 2-mercaptopyridine and 2-mercaptopyrimidine on a silver colloidal surface investigated by Raman spectroscopy. Journal of Molecular Structure, 1998, 441, 63-76.	3.6	26