

Li Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Assembling of Perylene, Naphthalene, and Pyromellitic Diimide-Based Materials and Their Third-Order Nonlinear Optical Properties. <i>Journal of Physical Chemistry A</i> , 2022, 126, 870-878.	2.5	8
2	The effect of intramolecular and intermolecular charge transfers on the third order nonlinear optical properties of the self-assemble chromophores. <i>Journal of Luminescence</i> , 2022, , 118991.	3.1	1
3	The nonlinear optical properties and noncovalent interactions of supramolecular Donor-acceptor-donor assemblies between molecular tweezers and fullerenes. <i>Journal of Luminescence</i> , 2022, 250, 119094.	3.1	4
4	The shape selectivity of corannulene dimers based on concave-convex and convex-convex shape complementarity as hosts for C60 and C70. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 405-414.	2.8	8
5	The spectral-shapes of absorption, emission, ECD and CPL of a fluorene-fused [7]helicene: Vibronic effect and solvent inhomogenous broadening. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 249, 119293.	3.9	3
6	Photophysical investigation of maleimide units substituted [5]carbohelicene derivatives: Absorption, emission, ECD and CPL spectral-shapes. <i>Journal of Luminescence</i> , 2021, 233, 117894.	3.1	3
7	Insights for vibronic effects on spectral shapes of electronic circular dichroism and circularly polarized luminescence of aza[7]helicene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 239, 118475.	3.9	15
8	Size Dependence of [n]Cycloparaphenylenes ($n = 9-20$): Relationship between Aromaticity and Third-Order Nonlinear Optical Properties. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11081-11091.	3.1	16
9	Application of Multifunctional X-Doped Sumanene (X= Si, Ge, O, S and Se) for Concave-Convex Supramolecular Assembly with C ₆₀ and Their Nonlinear Optical Properties. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27811-27822.	3.1	9
10	A structure-property interplay between the width and height of cages and the static third order nonlinear optical responses for fullerenes: applying gamma density analysis. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 2322-2331.	2.8	20
11	Intramolecular photo-induced electron transfer in nonlinear optical chromophores: Fullerene (C60) derivatives. <i>Organic Electronics</i> , 2016, 33, 290-299.	2.6	27
12	Second-Order Nonlinear Optical Responses and Concave-Convex Interactions of Size-Selective Fullerenes/Corannulene Recognition Pairs: The Effect of Fullerene Size. <i>Journal of Physical Chemistry C</i> , 2016, 120, 26034-26043.	3.1	8
13	Third order NLO properties of corannulene and its Li-doped dimers: effect of concave-convex and convex-convex structures. <i>RSC Advances</i> , 2015, 5, 79783-79791.	3.6	24
14	Second-Order Nonlinear Optical Response of Electron Donor-Acceptor Hybrids Formed between Corannulene and Metallofullerenes. <i>Journal of Physical Chemistry C</i> , 2015, 119, 24965-24975.	3.1	60