

Lili Shi

List of Publications by Year in descending order

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25
papers

921
citations

516710

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h-index

580821

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all docs

25
docs citations

25
times ranked

1268
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver-Ion-Mediated DNAzyme Switch for the Ultrasensitive and Selective Colorimetric Detection of Aqueous Ag ⁺ and Cysteine. <i>Chemistry - A European Journal</i> , 2009, 15, 3347-3350.	3.3	247
2	Multifunctional G-Quadruplex Aptamers and Their Application to Protein Detection. <i>Chemistry - A European Journal</i> , 2009, 15, 1036-1042.	3.3	143
3	First-Principles Studies on the Efficient Photoluminescent Iridium(III) Complexes with C [∞] N ₄ N Ligands. <i>Inorganic Chemistry</i> , 2011, 50, 5477-5484.	4.0	46
4	DFT/TD-DFT Study on the Electronic Structures and Optoelectronic Properties of Several Blue-Emitting Iridium(III) Complexes. <i>Journal of Physical Chemistry A</i> , 2010, 114, 6559-6564.	2.5	44
5	Programmable i-motif DNA folding topology for a pH-switched reversible molecular sensing device. <i>Nucleic Acids Research</i> , 2017, 45, 4306-4314.	14.5	43
6	Improving the accuracy of density-functional theory calculation: The genetic algorithm and neural network approach. <i>Journal of Chemical Physics</i> , 2007, 126, 144101.	3.0	39
7	Thioflavin T binds dimeric parallel-stranded GA-containing non-G-quadruplex DNAs: a general approach to lighting up double-stranded scaffolds. <i>Nucleic Acids Research</i> , 2017, 45, 12080-12089.	14.5	39
8	Logic-Gated Proximity Aptasensing for Cell Surface Real-Time Monitoring of Apoptosis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20858-20864.	13.8	38
9	A DNA nanoswitch-controlled reversible nanosensor. <i>Nucleic Acids Research</i> , 2017, 45, 541-546.	14.5	37
10	Extracellular Ion-Responsive Logic Sensors Utilizing DNA Dimeric Nanoassemblies on Cell Surface and Application to Boosting AS1411 Internalization. <i>Analytical Chemistry</i> , 2020, 92, 9273-9280.	6.5	36
11	Eu ³⁺ doped Sr ₂ CeO ₄ phosphors for thermometry: single-color or two-color fluorescence based temperature characterization. <i>RSC Advances</i> , 2011, 1, 298.	3.6	30
12	Aptamer-Braked Multi-hairpin Cascade Circuits for Logic-Controlled Label-Free <i>In Situ</i> Bioimaging. <i>Analytical Chemistry</i> , 2020, 92, 10357-10364.	6.5	25
13	Ultrastable Bimolecular G-Quadruplexes Programmed DNA Nanoassemblies for Reconfigurable Biomimetic DNAzymes. <i>ACS Nano</i> , 2019, 13, 11947-11954.	14.6	22
14	I-Motif/miniduplex hybrid structures bind benzothiazole dyes with unprecedented efficiencies: a generic light-up system for label-free DNA nanoassemblies and bioimaging. <i>Nucleic Acids Research</i> , 2020, 48, 1681-1690.	14.5	22
15	Synthetic and Computational Evaluation of Regiodivergent Epoxide Opening for Diol and Polyol Synthesis. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2289-2294.	3.3	19
16	An Unusual Case of Facile Non-Degenerate Pi ₂ C Bond Making and Breaking. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1708-1712.	3.3	16
17	DFT/TDDFT Study on the electronic structures and optoelectronic properties of several red-emitting osmium(ii) complexes with different P [∞] ancillary ligands. <i>Dalton Transactions</i> , 2011, 40, 11131.	3.3	15
18	Deoxygenation of Coordinated Oxaphosphiranes: A New Route to Pi _{3/4} C Double-Bond Systems. <i>Chemistry - A European Journal</i> , 2012, 18, 9780-9783.	3.3	15

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19	Proximity-Dependent Switchable ATP Aptasensors Utilizing a High-Performance FRET Reporter. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 9359-9368.	8.0	11
20	Tri- and Tetra-superatomic Molecules in Ligand-Protected Face-Fused Icosahedral (M@Au ₁₂) _n (M = Au, Pt, Ir, and Os, and <i>n</i> = 3 and 4) Clusters. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 1931-1939.	4.6	11
21	THEORETICAL STUDY ON ENDOHEDRAL COMPLEXES C ₂ H ₂ @ C ₆₀ , C ₂ H ₄ @ C ₆₀ , AND C ₂ H ₆ @ C ₆₀ . <i>Journal of Theoretical and Computational Chemistry</i> , 2008, 07, 1-11.	1.8	8
22	Tin Porphyrin-Based Nanozymes with Unprecedented Superoxide Dismutase-Mimicking Activities. <i>Langmuir</i> , 2022, 38, 7272-7279.	3.5	5
23	Logic-Gated Proximity Aptasensing for Cell-Surface Real-Time Monitoring of Apoptosis. <i>Angewandte Chemie</i> , 2021, 133, 21026-21032.	2.0	4
24	Calcium-Differentiated Cellular Internalization of Allosteric Framework Nucleic Acids for Targeted Payload Delivery. <i>Analytical Chemistry</i> , 2022, 94, 9097-9105.	6.5	3
25	New insight into the electronic structure of SiF ₄ : synergistic back-donation and the eighteen-electron rule. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 17679-17685.	2.8	3