

# Xiaonan Sun

## List of Publications by Year in descending order

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26  
papers

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citations

759233

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752698

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27  
docs citations

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times ranked

533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unprecedented Self-Organized Monolayer of a Ru(II) Complex by Diazonium Electroreduction. <i>Journal of the American Chemical Society</i> , 2016, 138, 9381-9384.	13.7	60
2	Highly Efficient Photoswitch in Diarylethene-Based Molecular Junctions. <i>Journal of the American Chemical Society</i> , 2020, 142, 7732-7736.	13.7	60
3	Tailoring two-dimensional PTCDAâ€“melamine self-assembled architectures at room temperature by tuning molecular ratio. <i>Nanotechnology</i> , 2010, 21, 165602.	2.6	38
4	NaCl multi-layer islands grown on Au(111)-(22imes sqrt {3} ) probed by scanning tunneling microscopy. <i>Nanotechnology</i> , 2008, 19, 495307.	2.6	37
5	Long-Range Charge Transport in Diazonium-Based Single-Molecule Junctions. <i>Nano Letters</i> , 2020, 20, 6899-6907.	9.1	26
6	Synthesis and 2D self-assembly at the liquid-solid interface of end-substituted star-shaped oligophenylenes. <i>CrystEngComm</i> , 2012, 14, 5182.	2.6	24
7	Combining Photomodulation and Rectification in Coordination Molecular Wires Based on Dithienylethene Molecular Junctions. <i>Journal of Physical Chemistry C</i> , 2020, 124, 26304-26309.	3.1	22
8	Fabrication of a Complex Two-Dimensional Adenineâ€“Perylene-3,4,9,10-tetracarboxylic Dianhydride Chiral Nanoarchitecture through Molecular Self-Assembly. <i>Journal of Physical Chemistry C</i> , 2012, 116, 2493-2499.	3.1	17
9	One-Dimensional Double Wires and Two-Dimensional Mobile Grids: Cobalt/Bipyridine Coordination Networks at the Solid/Liquid Interface. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4164-4169.	4.6	16
10	Molecular Isomerization and Multiscale Phase Transitions of a Ditopic Ligand on a Surface. <i>Journal of Physical Chemistry C</i> , 2017, 121, 20925-20930.	3.1	14
11	Unprecedented ON/OFF Ratios in Photoactive Diarylethene-Bisthienylbenzene Molecular Junctions. <i>Nano Letters</i> , 2021, 21, 7555-7560.	9.1	14
12	NaCl islands decorated with 2D or 3D 3,4,9,10-perylene-tetracarboxylic-dianhydride nanostructures. <i>Applied Surface Science</i> , 2010, 256, 2228-2231.	6.1	12
13	Thin sensing layer based on semi-conducting $\beta$ -cyclodextrin rotaxane for toxic metals detection. <i>Materials Research Bulletin</i> , 2016, 74, 248-257.	5.2	12
14	Single-Molecule Junctions with Highly Improved Stability. <i>Nano Letters</i> , 2021, 21, 6540-6548.	9.1	12
15	Coexisting Chiral Two-Dimensional Self-Assembled Structures of 1,2,3,4-Tetrahydronaphthalene Molecules: Porous Pinwheel Nanoarchitecture and Close-Packed Herringbone Arrangement. <i>Journal of Physical Chemistry C</i> , 2017, 121, 15288-15293.	3.1	11
16	Supramolecular Networks and Wires Dominated by Intermolecular BiEDOT Interactions. <i>Journal of Physical Chemistry C</i> , 2018, 122, 22760-22766.	3.1	11
17	Supramolecular chiral hostâ€“guest nanoarchitecture induced by the selective assembly of barbituric acid derivative enantiomers. <i>Nanotechnology</i> , 2016, 27, 42LT01.	2.6	10
18	Water-insoluble cyclodextrin membranes for humidity detection: green synthesis, characterization and sensing performances. <i>Journal of Materials Science</i> , 2018, 53, 1455-1469.	3.7	10

#	ARTICLE	IF	CITATIONS
19	Multi-functional switches of ditopic ligands with azobenzene central bridges at a molecular scale. <i>Nanoscale</i> , 2019, 11, 23042-23048.	5.6	6
20	On-Surface Dimerization and Coordination of 4-(Bis-ethylenedioxythiophene)benzoic Acid. <i>Journal of Physical Chemistry C</i> , 2021, 125, 957-963.	3.1	4
21	Visualization and Comprehension of Electronic and Topographic Contrasts on Cooperatively Switched Diarylethene-Bridged Ditopic Ligand. <i>Nanomaterials</i> , 2022, 12, 1318.	4.1	3
22	[2+2] Cyclo-Addition Reactions for Efficient Polymerization on a HOPG Surface at Ambient Conditions. <i>Nanomaterials</i> , 2022, 12, 1334.	4.1	2
23	Nanopatterning by Length-Dependent Self-Assembly from Fluorene-Terpyridine Derivatives. <i>Journal of Physical Chemistry C</i> , 2022, 126, 10833-10841.	3.1	2
24	Electrografting and Langmuir-Blodgett: Covalently Bound Nanometer-Thick Ordered Films on Graphite. <i>Langmuir</i> , 2021, 37, 12539-12547.	3.5	1
25	From Multi-Switchable Self-Assemblies towards Surface Coordination Chemistry: An STM Investigation of Bipyridine-Terminated Ditopic Ligands. <i>ECS Journal of Solid State Science and Technology</i> , 2022, 11, 055007.	1.8	1
26	Tuning ON/OFF Ratios in Diarylethene-Based Single- and Bilayer Molecular Junctions. <i>ECS Journal of Solid State Science and Technology</i> , 0, , .	1.8	0