

# Mina Han

## List of Publications by Year in descending order

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30  
papers

687  
citations

687363

13  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1028  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intense Fluorescence from Light-Driven Self-Assembled Aggregates of Nonionic Azobenzene Derivative. <i>Journal of the American Chemical Society</i> , 2005, 127, 10951-10955.	13.7	179
2	Tilt Orientation of p-Methoxyazobenzene Side Chains in Liquid Crystalline Polymer Films by Irradiation with Nonpolarized Light. <i>Macromolecules</i> , 2001, 34, 82-89.	4.8	87
3	Light-driven molecular switches in azobenzene self-assembled monolayers: effect of molecular structure on reversible photoisomerization and stable cis state. <i>Chemical Communications</i> , 2010, 46, 3598.	4.1	61
4	Rational design of light-directed dynamic spheres. <i>Chemical Communications</i> , 2012, 48, 11763.	4.1	57
5	Realization of highly photoresponsive azobenzene-functionalized monolayers. <i>Journal of Materials Chemistry</i> , 2011, 21, 4696.	6.7	45
6	Multistimuli-responsive azobenzene nanofibers with aggregation-induced emission enhancement characteristics. <i>Chemical Communications</i> , 2014, 50, 15815-15818.	4.1	45
7	Effect of the Steric Molecular Structure of Azobenzene on the Formation of Self-Assembled Monolayers with a Photoswitchable Surface Morphology. <i>Langmuir</i> , 2013, 29, 4622-4631.	3.5	26
8	A reversibly photoswitchable mononuclear palladium(ii) complex with ortho-diethylated azobenzene ligands. <i>New Journal of Chemistry</i> , 2010, 34, 2887.	2.8	23
9	Elucidation of Isomerization Pathways of a Single Azobenzene Derivative Using an STM. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4239-4243.	4.6	21
10	Light-driven modulation of fluorescence color from azobenzene derivatives containing electron-donating and electron-withdrawing groups. <i>New Journal of Chemistry</i> , 2010, 34, 2892.	2.8	20
11	A design strategy for stable light-sensitive palladium complexes. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2672.	5.5	15
12	Assembly of an Achiral Chromophore into Light-Responsive Helical Nanostructures in the Absence of Chiral Components. <i>Chemistry - A European Journal</i> , 2016, 22, 3971-3975.	3.3	15
13	A trigonal molecular assembly system with the dual light-driven functions of phase transition and fluorescence switching. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2276-2282.	5.5	15
14	Facile morphological control of fluorescent nano/microstructures via self-assembly and phase separation of trigonal azobenzenes showing aggregation-induced emission enhancement in polymer matrices. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4093-4098.	5.5	13
15	Anisotropic two-dimensional sheets assembled from rod-shaped metal complexes. <i>Chemical Communications</i> , 2012, 48, 100-102.	4.1	12
16	Light-responsive microstructures capable of pyrene monomer fluorescence switching. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3448.	5.5	12
17	Repeated photoswitching performance of azobenzenes adsorbed on gold surfaces: a balance between space, intermolecular interactions, and phase separation. <i>New Journal of Chemistry</i> , 2017, 41, 1827-1833.	2.8	9
18	Green-light-induced melting of self-assembled azobenzene nano/microstructures. <i>New Journal of Chemistry</i> , 2019, 43, 19014-19019.	2.8	8

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19	Correlation between the molecular structure and trans $\leftrightarrow$ cis isomerization characteristics of azobenzenes. <i>Science China Chemistry</i> , 2011, 54, 1955-1961.	8.2	6
20	Light-Sensitive Microspheres Based on Spherical Assembly of Star-Shaped Chromophores. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2018, 31, 527-531.	0.3	3
21	Morphologically Diverse Micro- and Macrostructures Created via Solvent Evaporation-Induced Assembly of Fluorescent Spherical Particles in the Presence of Polyethylene Glycol Derivatives. <i>Molecules</i> , 2021, 26, 4294.	3.8	3
22	Solvent- and Light-Sensitive AIEE-Active Azo Dye: From Spherical to 1D and 2D Assemblies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 965.	4.1	3
23	Direct visualization of molecular conformation changes. <i>Soft Matter</i> , 2011, 7, 10594.	2.7	2
24	Light-responsive three-dimensional microstructures composed of azobenzene-based palladium complexes. <i>Dalton Transactions</i> , 2014, 43, 5929-5934.	3.3	2
25	Dimensionality Control of Self-Assembled Azobenzene Derivatives on a Gold Surface. <i>Journal of Physical Chemistry C</i> , 2019, 123, 8859-8864.	3.1	2
26	Petal-like Microstructures Formed from Sterically Crowded Chromophores. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2021, 34, 417-421.	0.3	2
27	Changes in Fluorescence, Color, and Morphology of Fluorescent Nanostructures under Successive Light Irradiation. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2020, 33, 67-70.	0.3	1
28	Photoisomerization and Light-Driven Fluorescence Enhancement of Azobenzene Derivatives. , 2013, , 185-204.		0
29	The effect of temperature and breeding density of piggery on the collection of oral fluid in Korea. <i>Korean Journal of Veterinary Service</i> , 2021, 44, 217-225.	0.3	0
30	Light-Responsive Hexagonal Assemblies of Triangular Azo Dyes. <i>Molecules</i> , 2022, 27, 4380.	3.8	0