King-Chi Leung

List of Publications by Year
in descending order

19 papers	962 citations	623734 14 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	1340 citing authors

#	Article	IF	Citations
1	Artificial muscle-like function from hierarchical supramolecular assembly of photoresponsive molecular motors. Nature Chemistry, 2018, 10, 132-138.	13.6	330
2	Cyclometallated Gold(III) Complexes as Effective Catalysts for Synthesis of Propargylic Amines, Chiral Allenes and Isoxazoles. Advanced Synthesis and Catalysis, 2013, 355, 2055-2070.	4.3	89
3	Selfâ€Assembly of Photoresponsive Molecular Amphiphiles in Aqueous Media. Angewandte Chemie - International Edition, 2021, 60, 11604-11627.	13.8	81
4	From Photoinduced Supramolecular Polymerization to Responsive Organogels. Journal of the American Chemical Society, 2021, 143, 5990-5997.	13.7	66
5	Modulation of porosity in a solid material enabled by bulk photoisomerization of an overcrowded alkene. Nature Chemistry, 2020, 12, 595-602.	13.6	65
6	Supramolecular Scaffold for Tailoring the Two-Dimensional Assembly of Functional Molecular Units into Organic Thin Films. Journal of the American Chemical Society, 2016, 138, 11727-11733.	13.7	48
7	Supramolecular Packing and Macroscopic Alignment Controls Actuation Speed in Macroscopic Strings of Molecular Motor Amphiphiles. Journal of the American Chemical Society, 2018, 140, 17724-17733.	13.7	46
8	Dualâ€Controlled Macroscopic Motions in a Supramolecular Hierarchical Assembly of Motor Amphiphiles. Angewandte Chemie - International Edition, 2019, 58, 10985-10989.	13.8	38
9	Dynamic Assemblies of Molecular Motor Amphiphiles Control Macroscopic Foam Properties. Journal of the American Chemical Society, 2020, 142, 10163-10172.	13.7	38
10	N-terminal Î±-amino group modification of peptides by an oxime formationâ€“exchange reaction sequence. Chemical Communications, 2013, 49, 6888.	4.1	32
11	Synthesis and Catalytic Applications of a Triptycene-Based Monophosphine Ligand for Palladium-Mediated Organic Transformations. ACS Omega, 2017, 2, 1930-1937.	3.5	29
12	Photooxidative Amidation of Aldehydes with Amines Catalyzed by Rose Bengal. Asian Journal of Organic Chemistry, 2015, 4, 533-536.	2.7	28
13	Photoactuating Artificial Muscles of Motor Amphiphiles as an Extracellular Matrix Mimetic Scaffold for Mesenchymal Stem Cells. Journal of the American Chemical Society, 2022, 144, 3543-3553.	13.7	27
14	Selfâ€Assembly of Photoresponsive Molecular Amphiphiles in Aqueous Media. Angewandte Chemie, 2021, 133, 11708-11731.	2.0	18
15	Multi-modal control over the assembly of a molecular motor bola-amphiphile in water. Chemical Communications, 2020, 56, 7451-7454.	4.1	14
16	Dualâ€Controlled Macroscopic Motions in a Supramolecular Hierarchical Assembly of Motor Amphiphiles. Angewandte Chemie, 2019, 131, 11101-11105.	2.0	6
17	Hydrogen bond donorâ€“acceptorâ€“donor organocatalysis for conjugate addition of benzylidene barbiturates via complementary DADâ€“ADA hydrogen bonding. RSC Advances, 2014, 4, 26748-26756.	3.6	3
18	Controlled Supramolecular Assembly of Gold (III) Amphiphiles in Aqueous Media. European Journal of Inorganic Chemistry, 2022, 2022, .	2.0	3

#	Article	IF	Citations
19	Aqueous Supramolecular Assemblies of Photocontrolled Molecular Amphiphiles. , 2022, , 267-308.		1