

# Chak-Shing Kwan

## List of Publications by Year in descending order

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18  
papers

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840776

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Fluorescent and Switchable Rotaxane Dual Organocatalyst. <i>Organic Letters</i> , 2016, 18, 976-979.	4.6	70
2	Development and advancement of iridium(III)-based complexes for photocatalytic hydrogen evolution. <i>Coordination Chemistry Reviews</i> , 2022, 459, 214390.	18.8	38
3	Type III-B rotaxane dendrimers. <i>Chemical Communications</i> , 2013, 49, 10781.	4.1	31
4	Higher-generation type III-B rotaxane dendrimers with controlling particle size in three-dimensional molecular switching. <i>Nature Communications</i> , 2018, 9, 497.	12.8	30
5	Chiral Nanoparticle-Induced Enantioselective Amplification of Molecular Optical Activity. <i>Advanced Functional Materials</i> , 2019, 29, 1807307.	14.9	29
6	Iridium motif linked porphyrins for efficient light-driven hydrogen evolution via triplet state stabilization of porphyrin. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3005-3010.	10.3	26
7	Highly selective detection of Pd <sup>2+</sup> ion in aqueous solutions with rhodamine-based colorimetric and fluorescent chemosensors. <i>Talanta</i> , 2020, 210, 120634.	5.5	24
8	Development and advancement of rotaxane dendrimers as switchable macromolecular machines. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2825-2844.	5.9	24
9	Water-compatible fluorescent [2]rotaxanes for Au <sup>3+</sup> detection and bioimaging. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2388-2396.	5.9	21
10	Design and Synthesis of Mucin-Inspired Glycopolymers. <i>ChemPlusChem</i> , 2020, 85, 2704-2721.	2.8	20
11	Selective detection of sulfide in human lung cancer cells with a blue-fluorescent OFF-ON benzimidazole-based chemosensor ensemble. <i>Dalton Transactions</i> , 2020, 49, 5445-5453.	3.3	13
12	Type III-C rotaxane dendrimers: synthesis, dual size modulation and in vivo evaluation. <i>Chemical Communications</i> , 2019, 55, 13426-13429.	4.1	11
13	MALDI-MS Imaging Analysis of Noninflammatory Type III Rotaxane Dendrimers. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 2488-2494.	2.8	7
14	Hetero type III rotaxane dendrimers. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 1734-1741.	1.4	4
15	Scalable Preparation of Synthetic Mucins via Nucleophilic Ring-Opening Polymerization of Glycosylated N-Carboxyanhydrides. <i>Macromolecules</i> , 2022, 55, 4710-4720.	4.8	4
16	Chiral Nanoparticles: Chiral Nanoparticle-Induced Enantioselective Amplification of Molecular Optical Activity ( <i>Adv. Funct. Mater.</i> 8/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970050.	14.9	2
17	π-Stacking Stopper-Macrocycle Stabilized Dynamically Interlocked [2]Rotaxanes. <i>Molecules</i> , 2021, 26, 4704.	3.8	1
18	Synthesis of Functional Building Blocks for Type III-B Rotaxane Dendrimer. <i>Polymers</i> , 2021, 13, 3909.	4.5	0