

# Yihao Yuan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2756783/publications.pdf>

Version: 2024-02-01

8  
papers

157  
citations

1478505

6  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving Compressive Strength of Aramid Fiber by Introducing Carbon Nanotube Derivates Grafted with Oligomers of Different Conformations and Controlling Its Alignment. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900127.	3.6	5
2	Dissolution of Aramid by Ionization of Byproduct HCl Promoted by Acetate. <i>ChemistrySelect</i> , 2019, 4, 123-129.	1.5	4
3	In Situ Complex with byâ€product HCl and Release Chloride Ions to Dissolve Aramid. <i>ChemPhysChem</i> , 2018, 19, 2468-2471.	2.1	6
4	The introduction of asymmetric heterocyclic units into poly(p-phenylene terephthalamide) and its effect on microstructure, interactions and properties. <i>Journal of Materials Science</i> , 2018, 53, 13291-13303.	3.7	41
5	Synthesis of Heterocyclic Aramid Fiber Based on Solidâ€Phase Crossâ€Linking of Oligomers with Reactive End Group. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1800076.	3.6	15
6	A facile strategy for fabricating aramid fiber with simultaneously high compressive strength and high interfacial shear strength through cross-linking promoted by oxygen. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 113, 233-241.	7.6	26
7	The novel high performance aramid fibers containing benzimidazole moieties and chloride substitutions. <i>Materials and Design</i> , 2018, 158, 127-135.	7.0	30
8	Control of Head/Tail Isomeric Structure in Polyimide and Isomerismâ€Derived Difference in Molecular Packing and Properties. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700404.	3.9	30