

# Hengdao Quan

## List of Publications by Year in descending order

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21  
papers

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1307594

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21  
times ranked

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#	ARTICLE	IF	CITATIONS
1	Investigation on the dehydrofluorination of 2H,3H-decafluoropentane. Journal of Fluorine Chemistry, 2022, 253, 109931.	1.7	0
2	Synthesis of 3,3,3-trifluoropropyne from chlorotrifluoropropene isomers in liquid phase. Journal of Fluorine Chemistry, 2022, 255-256, 109950.	1.7	1
3	Substitution Effects on the Reactivity and Thermostability of Five-Membered Ring Fluorides. ACS Omega, 2022, 7, 25476-25490.	3.5	2
4	Investigation on the preparation of 2,2-difluoroethylamine by amination of 1-halo-2,2-difluoroethane. Journal of Fluorine Chemistry, 2021, 242, 109690.	1.7	1
5	A structural, mechanistic, and kinetic study of the dehydrofluorination of 1,1,1,3,3-pentafluoropropane in the absence of catalyst. Journal of Fluorine Chemistry, 2021, 249, 109722.	1.7	2
6	Synthesis of hydrohalocyclobutenes through dechlorination of hydrohalocyclobutanes in amide solvents. Journal of Fluorine Chemistry, 2020, 233, 109506.	1.7	0
7	11-Mercaptoundecanoic acid capped gold nanoclusters with unusual aggregation-enhanced emission for selective fluorometric hydrogen sulfide determination. Mikrokimica Acta, 2020, 187, 200.	5.0	20
8	Synthesis of hydrofluorocycloolefins through dehydrofluorination of hydrofluorocycloalkanes in amide solvents. Journal of Fluorine Chemistry, 2019, 226, 109342.	1.7	2
9	A Novel Vapor-Phase Synthetic Route for Fluoromethane toward Highly Efficient Industrial Production. ChemistrySelect, 2019, 4, 527-530.	1.5	0
10	Synthesis of 1H-polychlorofluorocycloolefins. Journal of Fluorine Chemistry, 2018, 216, 96-101.	1.7	4
11	Synthesis of hydrofluorocyclopentanes by vapor-phase catalytic hydrodehalogenation. Journal of Fluorine Chemistry, 2018, 213, 61-67.	1.7	5
12	Deactivation of porous aluminum fluoride-supported noble metallic catalysts used in the hydrodechlorination of 1-chloroheptafluorocyclopentene. , 2018, 8, 854-862.		1
13	Isomerization of Hydrofluorocyclopentenes Promoted by Fluoride Anion. Green and Sustainable Chemistry, 2018, 08, 115-129.	1.2	2
14	Isomerization of Halogenated Cyclopentene over a NH <sub>4</sub> F Catalyst. ChemCatChem, 2016, 8, 1474-1478.	3.7	4
15	Synthesis of 2,3,3,3-tetrafluoropropene via vapor-phase catalytic fluorination in the presence of Cr-based catalyst. Journal of Fluorine Chemistry, 2016, 185, 187-190.	1.7	7
16	Synthesis of Z-1,1,1,4,4,4-hexafluoro-2-butene from hexachlorobutadiene. Journal of Fluorine Chemistry, 2016, 191, 77-83.	1.7	7
17	Investigation on Cl-F exchange mechanism occurring at C(sp <sup>2</sup> ) and C(sp <sup>3</sup> ) orbitals of halogenated cyclopentene. Journal of Fluorine Chemistry, 2016, 191, 84-89.	1.7	5
18	Synthesis of 1,1,2,2,3,3,4-heptafluorocyclopentane as a new generation of green solvent. Journal of Fluorine Chemistry, 2016, 181, 11-16.	1.7	9

#	ARTICLE	IF	CITATIONS
19	Syntheses of isocyanates via amines and carbonyl fluoride. Journal of Fluorine Chemistry, 2015, 176, 26-30.	1.7	18
20	Study on the synthesis of toluene-2,4-diisocyanate via amine and carbonyl fluoride. Journal of Fluorine Chemistry, 2015, 178, 208-213.	1.7	10
21	Preparation of cis-1,1,1,4,4,4-hexafluorobut-2-ene by cis-selective semi-hydrogenation of perfluoro-2-butyne. Journal of Fluorine Chemistry, 2011, 132, 1188-1193.	1.7	12