

# Hengdao Quan

## List of Publications by Year in descending order

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21  
papers

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citations

1307594

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1372567

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	11-Mercaptoundecanoic acid capped gold nanoclusters with unusual aggregation-enhanced emission for selective fluorometric hydrogen sulfide determination. <i>Mikrochimica Acta</i> , 2020, 187, 200.	5.0	20
2	Syntheses of isocyanates via amines and carbonyl fluoride. <i>Journal of Fluorine Chemistry</i> , 2015, 176, 26-30.	1.7	18
3	Preparation of cis-1,1,1,4,4,4-hexafluorobut-2-ene by cis-selective semi-hydrogenation of perfluoro-2-butyne. <i>Journal of Fluorine Chemistry</i> , 2011, 132, 1188-1193.	1.7	12
4	Study on the synthesis of toluene-2,4-diisocyanate via amine and carbonyl fluoride. <i>Journal of Fluorine Chemistry</i> , 2015, 178, 208-213.	1.7	10
5	Synthesis of 1,1,2,2,3,3,4-heptafluorocyclopentane as a new generation of green solvent. <i>Journal of Fluorine Chemistry</i> , 2016, 181, 11-16.	1.7	9
6	Synthesis of 2,3,3,3-tetrafluoropropene via vapor-phase catalytic fluorination in the presence of Cr-based catalyst. <i>Journal of Fluorine Chemistry</i> , 2016, 185, 187-190.	1.7	7
7	Synthesis of Z-1,1,1,4,4,4-hexafluoro-2-butene from hexachlorobutadiene. <i>Journal of Fluorine Chemistry</i> , 2016, 191, 77-83.	1.7	7
8	Investigation on Cl-F exchange mechanism occurring at C(sp <sup>2</sup> ) and C(sp <sup>3</sup> ) orbitals of halogenated cyclopentene. <i>Journal of Fluorine Chemistry</i> , 2016, 191, 84-89.	1.7	5
9	Synthesis of hydrofluorocyclopentanes by vapor-phase catalytic hydrodehalogenation. <i>Journal of Fluorine Chemistry</i> , 2018, 213, 61-67.	1.7	5
10	Isomerization of Halogenated Cyclopentene over a NH <sub>4</sub> F Catalyst. <i>ChemCatChem</i> , 2016, 8, 1474-1478.	3.7	4
11	Synthesis of 1H-polychlorofluorocycloolefins. <i>Journal of Fluorine Chemistry</i> , 2018, 216, 96-101.	1.7	4
12	Synthesis of hydrofluorocycloolefins through dehydrofluorination of hydrofluorocycloalkanes in amide solvents. <i>Journal of Fluorine Chemistry</i> , 2019, 226, 109342.	1.7	2
13	A structural, mechanistic, and kinetic study of the dehydrofluorination of 1,1,1,3,3-pentafluoropropane in the absence of catalyst. <i>Journal of Fluorine Chemistry</i> , 2021, 249, 109722.	1.7	2
14	Isomerization of Hydrofluorocyclopentenes Promoted by Fluoride Anion. <i>Green and Sustainable Chemistry</i> , 2018, 08, 115-129.	1.2	2
15	Substitution Effects on the Reactivity and Thermostability of Five-Membered Ring Fluorides. <i>ACS Omega</i> , 2022, 7, 25476-25490.	3.5	2
16	Deactivation of porous aluminum fluoride-supported noble metallic catalysts used in the hydrodechlorination of 1-chloroheptafluorocyclopentene. , 2018, 8, 854-862.		1
17	Investigation on the preparation of 2,2-difluoroethylamine by amination of 1-halo-2,2-difluoroethane. <i>Journal of Fluorine Chemistry</i> , 2021, 242, 109690.	1.7	1
18	Synthesis of 3,3,3-trifluoropropyne from chlorotrifluoropropene isomers in liquid phase. <i>Journal of Fluorine Chemistry</i> , 2022, 255-256, 109950.	1.7	1

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19	A Novel Vapor-Phase Synthetic Route for Fluoromethane toward Highly Efficient Industrial Production. <i>ChemistrySelect</i> , 2019, 4, 527-530.	1.5	0
20	Synthesis of hydrohalocyclobutenes through dechlorination of hydrohalocyclobutanes in amide solvents. <i>Journal of Fluorine Chemistry</i> , 2020, 233, 109506.	1.7	0
21	Investigation on the dehydrofluorination of 2H,3H-decafluoropentane. <i>Journal of Fluorine Chemistry</i> , 2022, 253, 109931.	1.7	0