

# Dong Won Hwang

## List of Publications by Year in descending order

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18  
papers

947  
citations

623734

14  
h-index

839539

18  
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18  
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18  
docs citations

18  
times ranked

1298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic transfer hydrogenation of ethyl levulinate to $\gamma$ -valerolactone over zirconium-based metal-organic frameworks. <i>Green Chemistry</i> , 2016, 18, 4542-4552.	9.0	197
2	Direct Hydrocyclization of Biomass-Derived Levulinic Acid to $\gamma$ -Methyltetrahydrofuran over Nanocomposite Copper/Silica Catalysts. <i>ChemSusChem</i> , 2011, 4, 1749-1752.	6.8	192
3	Nickel-promoted copper-silica nanocomposite catalysts for hydrogenation of levulinic acid to lactones using formic acid as a hydrogen feeder. <i>Applied Catalysis A: General</i> , 2015, 491, 127-135.	4.3	107
4	An integrated process for the production of 2,5-dimethylfuran from fructose. <i>Green Chemistry</i> , 2015, 17, 3310-3313.	9.0	79
5	Production of $\gamma$ -butyrolactone from biomass-derived 1,4-butanediol over novel copper-silica nanocomposite. <i>Green Chemistry</i> , 2011, 13, 1672.	9.0	64
6	An integrated process for the production of 2,5-dihydroxymethylfuran and its polymer from fructose. <i>Green Chemistry</i> , 2018, 20, 879-885.	9.0	54
7	Design of a heterogeneous catalytic process for the continuous and direct synthesis of lactide from lactic acid. <i>Green Chemistry</i> , 2016, 18, 5978-5983.	9.0	40
8	Chemical Conversions of Biomass-Derived Platform Chemicals over Copper-Silica Nanocomposite Catalysts. <i>ChemSusChem</i> , 2015, 8, 2345-2357.	6.8	35
9	Vapor-phase hydrogenolysis of glycerol to 1,2-propanediol using a chromium-free Ni-Cu-SiO <sub>2</sub> nanocomposite catalyst. <i>Catalysis Communications</i> , 2016, 84, 5-10.	3.3	33
10	Highly Efficient Hydrotalcite/1-Butanol Catalytic System for the Production of the High-Yield Fructose Crystal from Glucose. <i>ACS Catalysis</i> , 2020, 10, 1388-1396.	11.2	30
11	An integrated process for production of jet-fuel range olefins from ethylene using Ni- <i>AlSBA-15</i> and <i>Amberlyst-35</i> catalysts. <i>Applied Catalysis A: General</i> , 2017, 530, 48-55.	4.3	29
12	Ni/ <i>SIRAL-30</i> as a heterogeneous catalyst for ethylene oligomerization. <i>Applied Catalysis A: General</i> , 2018, 562, 87-93.	4.3	29
13	One-pot cascade ethylene oligomerization using Ni/ <i>Siral-30</i> and <i>H-ZSM-5</i> catalysts. <i>Applied Catalysis A: General</i> , 2019, 572, 226-231.	4.3	18
14	Comparative sustainability assessment of a hydrogen supply network for hydrogen refueling stations in Korea – a techno-economic and lifecycle assessment perspective. <i>Green Chemistry</i> , 2021, 23, 9625-9639.	9.0	14
15	A Bimetallic Ru <sub>3</sub> Sn <sub>7</sub> Nanoalloy on ZnO Catalyst for Selective Conversion of Biomass-Derived Furfural into 1,2-Pentanediol. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 17242-17253.	6.7	9
16	One-pot fructose conversion into 5-ethoxymethylfurfural using a sulfonated hydrophobic mesoporous organic polymer as a highly active and stable heterogeneous catalyst. <i>Catalysis Science and Technology</i> , 2021, 11, 5816-5826.	4.1	7
17	A Robust and Highly Selective Catalytic System of Copper-Silica Nanocomposite and 1-Butanol in Fructose Hydrogenation to Mannitol. <i>ChemSusChem</i> , 2020, 13, 5050-5057.	6.8	5
18	Cross-metathesis of methyl oleate with ethylene over methyltrioxorhenium supported on ZnAl <sub>2</sub> O <sub>4</sub> as a heterogeneous catalyst. <i>Catalysis Communications</i> , 2020, 144, 106088.	3.3	5