

# Maria Dewi Astuti

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

191  
citations

1307594

7  
h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

231  
citing authors

#	ARTICLE	IF	CITATIONS
1	One-pot selective conversion of C5-furan into 1,4-pentanediol over bulk Ni-Sn alloy catalysts in an ethanol/H <sub>2</sub> O solvent mixture. <i>Green Chemistry</i> , 2019, 21, 2307-2315.	9.0	38
2	Efficient hydrogenation of levulinic acid in water using a supported Ni-Sn alloy on aluminium hydroxide catalysts. <i>Catalysis Science and Technology</i> , 2016, 6, 2955-2961.	4.1	37
3	Novel preparation method of bimetallic Ni-In alloy catalysts supported on amorphous alumina for the highly selective hydrogenation of furfural. <i>Molecular Catalysis</i> , 2018, 445, 52-60.	2.0	29
4	Catalytic Hydrogenation of Levulinic Acid in Water into $\gamma$ -Valerolactone over Bulk Structure of Inexpensive Intermetallic Ni-Sn Alloy Catalysts. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2015, 10, 192-200.	1.1	17
5	Hydrogenation of Biomass-derived Furfural Over Highly Dispersed-Aluminium Hydroxide Supported Ni-Sn(3.0) Alloy Catalysts. <i>Procedia Chemistry</i> , 2015, 16, 531-539.	0.7	11
6	Selective Hydrogenation of Biomass-derived Furfural over Supported Ni <sub>3</sub> Sn <sub>2</sub> Alloy: Role of Supports. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2016, 11, 1.	1.1	9
7	Recent progress in the direct synthesis of $\gamma$ -valerolactone from biomass-derived sugars catalyzed by RANEY® Ni-Sn alloy supported on aluminium hydroxide. <i>Catalysis Science and Technology</i> , 2020, 10, 7768-7778.	4.1	8
8	Selective Hydrogenation of Dodecanoic Acid to Dodecane-1-ol Catalyzed by Supported Bimetallic Ni-Sn Alloy. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2018, 13, 311.	1.1	7
9	Unravelling the one-pot conversion of biomass-derived furfural and levulinic acid to 1,4-pentanediol catalysed by supported RANEY® Ni-Sn alloy catalysts. <i>RSC Advances</i> , 2021, 12, 241-250.	3.6	6
10	Selective Hydrogenation of Stearic Acid to 1-Octadecanol Using Bimetallic Palladium-Tin Supported on Carbon Catalysts at Mild Reaction Conditions. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2021, 16, 888-903.	1.1	5
11	Selective Hydrogenation of Sucrose into Sugar Alcohols over Supported Raney Nickel-Based Catalysts. <i>Indonesian Journal of Chemistry</i> , 2019, 19, 183.	0.8	5
12	One-pot Selective Conversion of Biomass-derived Furfural into Cyclopentanone/Cyclopentanol over TiO <sub>2</sub> Supported Bimetallic Ni-M (M = Co, Fe) Catalysts. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2020, 15, 231-241.	1.1	5
13	Selective Conversion of 2-Methylfuran to 1,4-Pentanediol Catalyzed by Bimetallic Ni-Sn Alloy. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2019, 14, 529.	1.1	5
14	STRUKTUR ANATOMI DAN AKTIVITAS ANTIOKSIDAN BULBUS BAWANG DAYAK ( <i>Eleutherine americana</i> MERR.) DARI DAERAH KALIMANTAN SELATAN. <i>Journal of Biological Researches</i> , 2010, 16, 1-7.	0.1	4
15	Selective hydroconversion of coconut oil-derived lauric acid to alcohol and aliphatic alkane over MoO <sub>3</sub> -modified Ru catalysts under mild conditions. <i>RSC Advances</i> , 2022, 12, 13319-13329.	3.6	4
16	The Promotion Effect of Cu on the Pd/C Catalyst in the Chemoselective Hydrogenation of Unsaturated Carbonyl Compounds. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2021, 16, 267-279.	1.1	1
17	The Coated-Wire Ion-Selective Electrode (CWISE) of Tartrazine Using Chitosan as an Ionophore. <i>Jurnal Kimia Sains Dan Aplikasi</i> , 2021, 24, 206-212.	0.4	0