

# Rodiansono Rodiansono

## List of Publications by Year in descending order

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33  
papers

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1170033

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35  
docs citations

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times ranked

482  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic hydrogenation of stearic acid to 1-octadecanol using supported bimetallic Pd-Sn(3.0)/Al <sub>2</sub> O <sub>3</sub> catalyst. Jurnal Kimia Sains Dan Aplikasi, 2022, 25, 71-78.	0.1	0
2	Selective hydroconversion of coconut oil-derived lauric acid to alcohol and aliphatic alkane over MoO <sub>x</sub> -modified Ru catalysts under mild conditions. RSC Advances, 2022, 12, 13319-13329.	1.7	4
3	The Promotion Effect of Cu on the Pd/C Catalyst in the Chemoselective Hydrogenation of Unsaturated Carbonyl Compounds. Bulletin of Chemical Reaction Engineering and Catalysis, 2021, 16, 267-279.	0.5	1
4	Selective Hydrogenation of Stearic Acid to 1-Octadecanol Using Bimetallic Palladium-Tin Supported on Carbon Catalysts at Mild Reaction Conditions. Bulletin of Chemical Reaction Engineering and Catalysis, 2021, 16, 888-903.	0.5	5
5	Unravelling the one-pot conversion of biomass-derived furfural and levulinic acid to 1,4-pentanediol catalysed by supported RANEY <sup>®</sup> Ni-Sn alloy catalysts. RSC Advances, 2021, 12, 241-250.	1.7	6
6	Recent progress in the direct synthesis of $\gamma$ -valerolactone from biomass-derived sugars catalyzed by RANEY <sup>®</sup> Ni-Sn alloy supported on aluminium hydroxide. Catalysis Science and Technology, 2020, 10, 7768-7778.	2.1	8
7	Toxicity of n-hexane extract of mundar ( <i>Garcinia forbesii</i> King) pericarp. BIO Web of Conferences, 2020, 20, 03004.	0.1	0
8	The effects of FeCl <sub>3</sub> concentration on hydrothermal pretreatment of oil palm fronds to enhance reducing sugar production. IOP Conference Series: Earth and Environmental Science, 2020, 591, 012024.	0.2	1
9	One-pot Synthesis of Carbon-doped TiO <sub>2</sub> with Bimetallic Ni-Ag co-catalysts in Photodegradation of Methylene Blue under UV and Visible Irradiation. Bulletin of Chemical Reaction Engineering and Catalysis, 2020, 15, 35-42.	0.5	4
10	One-pot Selective Conversion of Biomass-derived Furfural into Cyclopentanone/Cyclopentanol over TiO <sub>2</sub> Supported Bimetallic Ni-M (M = Co, Fe) Catalysts. Bulletin of Chemical Reaction Engineering and Catalysis, 2020, 15, 231-241.	0.5	5
11	Effect of Temperature, Pressure, and Reaction Time on Hydrogenation of Hexadecanoic Acid to 1-Hexadecanol Using a Ru-Sn(3.0)/C Catalyst. Jurnal Kimia Sains Dan Aplikasi, 2019, 22, 112-122.	0.1	2
12	One-pot selective conversion of C <sub>5</sub> -furan into 1,4-pentanediol over bulk Ni-Sn alloy catalysts in an ethanol/H <sub>2</sub> O solvent mixture. Green Chemistry, 2019, 21, 2307-2315.	4.6	38
13	Synthesis and Characterization of Ag@C-TiO <sub>2</sub> Nanocomposite for Degradation of Sasirangan Textile Wastewater. Jurnal Kimia Sains Dan Aplikasi, 2019, 22, 299-304.	0.1	1
14	Selective Hydrogenation of Sucrose into Sugar Alcohols over Supported Raney Nickel-Based Catalysts. Indonesian Journal of Chemistry, 2019, 19, 183.	0.3	5
15	Selective Conversion of 2-Methylfuran to 1,4-Pentanediol Catalyzed by Bimetallic Ni-Sn Alloy. Bulletin of Chemical Reaction Engineering and Catalysis, 2019, 14, 529.	0.5	5
16	Novel preparation method of bimetallic Ni-In alloy catalysts supported on amorphous alumina for the highly selective hydrogenation of furfural. Molecular Catalysis, 2018, 445, 52-60.	1.0	29
17	Investigation of fast hot compressed water pretreatment of oil palm fronds for fermentable sugar production. AIP Conference Proceedings, 2018, , .	0.3	0
18	Hydrothermal pretreatment of oil palm fronds for increasing enzymatic saccharification. AIP Conference Proceedings, 2018, , .	0.3	2

#	ARTICLE	IF	CITATIONS
19	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.	0.5	7
20	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.	2.1	37
21	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.	0.5	9
22	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.	0.5	17
23	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
24	Development of Nanoporous Ni-Sn Alloy and Application for Chemoselective Hydrogenation of Furfural to Furfuryl Alcohol. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2014, 9, 53-59.	0.5	19
25	Effective Production of Sorbitol and Mannitol from Sugars Catalyzed by Ni Nanoparticles Supported on Aluminium Hydroxide. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2013, 8, 40-46.	0.5	10
26	TOTAL HYDROGENATION OF BIOMASS-DERIVED FURFURAL OVER RANEY NICKEL-CLAY NANOCOMPOSITE CATALYSTS. <i>Indonesian Journal of Chemistry</i> , 2013, 13, 101-107.	0.3	5
27	A Novel Preparation Method of Ni-Sn Alloy Catalysts Supported on Aluminium Hydroxide: Application to Chemoselective Hydrogenation of Unsaturated Carbonyl Compounds. <i>Chemistry Letters</i> , 2012, 41, 769-771.	0.7	29
28	Highly efficient and selective hydrogenation of unsaturated carbonyl compounds using Ni-Sn alloy catalysts. <i>Catalysis Science and Technology</i> , 2012, 2, 2139.	2.1	116
29	INTERCALATION OF OLYGOMER OF HYDROXYL-CHROMIUM INTO NATURAL KAOLINITE. <i>Indonesian Journal of Chemistry</i> , 2008, 8, 31-36.	0.3	0
30	ACTIVITY TEST AND REGENERATION OF NiMo/Z CATALYST FOR HYDROCRACKING OF WASTE PLASTIC FRACTION TO GASOLINE FRACTION. <i>Indonesian Journal of Chemistry</i> , 2005, 5, 261-268.	0.3	7
31	Selective hydrogenation of levulinic acid to $\gamma$ -valerolactone using bimetallic Pd-Fe catalyst supported on titanium oxide. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 980, 012013.	0.3	8
32	The effect of solvent in the hydrogenation of lauric acid to lauryl alcohol using Ru-Fe/TiO <sub>2</sub> catalyst. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 980, 012012.	0.3	2
33	The antioxidant activity of white kapul ( <i>Baccaurea macrocarpa</i> ) fruit rinds. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 980, 012040.	0.3	0