

Iryanti F Nata

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8430930/iryanti-f-nata-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

554
citations

12
h-index

23
g-index

44
ext. papers

663
ext. citations

3
avg, IF

4.17
L-index

#	Paper	IF	Citations
32	Rice Husk Demineralization: Effect of Washing Solution on Its Physicochemical Structure and Thermal Degradation. <i>Jurnal Kimia Sains Dan Aplikasi</i> , 2021 , 24, 37-42	0.4	
31	The green synthesis of a palm empty fruit bunch-derived sulfonated carbon acid catalyst and its performance for cassava peel starch hydrolysis.. <i>RSC Advances</i> , 2021 , 11, 6449-6455	3.7	1
30	Bioethanol Production from Cassava Peel Treated with Sulfonated Carbon Catalyzed Hydrolysis. <i>Jurnal Kimia Sains Dan Aplikasi</i> , 2021 , 24, 1-8	0.4	1
29	Biodiesel production from waste cooking oil using heterogeneous catalyst: Biodiesel product data and its characterization. <i>Data in Brief</i> , 2020 , 28, 104879	1.2	5
28	The treatment of Raw Water Sources of Drinking Water using Chitosan/Mg/Al γ -DH Composites: Problem cases in Municipal Waterworks in Banjarmasin. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 506, 012003	0.3	
27	High Adsorption Capacity of Activated Carbon from Rubber Seed Shells on Tofu (Soybean Whey) Wastewater. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 499, 012009	0.3	1
26	Adsorption of Fe ³⁺ ion from Aqueous Solution onto Rice Husk Biocomposite Magnetic Nanoparticle. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 506, 012006	0.3	0
25	Selective adsorption of Pb(II) ion on amine-rich functionalized rice husk magnetic nanoparticle biocomposites in aqueous solution. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104339	6.8	7
24	The utilization demineralized rice husk waste for biofuel source via pyrolysis: thermogravimetric analysis and kinetic study. <i>MATEC Web of Conferences</i> , 2019 , 280, 05019	0.3	
23	Removal of Pb(II) and As(V) using magnetic nanoparticles coated montmorillonite via one-pot solvothermal reaction as adsorbent. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103000	6.8	28
22	One-step Synthesis to Enhance the Acidity of a Biocarbon-based Sulfonated Solid Acid Catalyst 2019 , 10, 512		2
21	Utilization of Rice Husk Cellulose as a Magnetic Nanoparticle Biocomposite Fiber Source for the Absorption of Manganese (Mn ²⁺) Ions in Peat Water. <i>Jurnal Kimia Sains Dan Aplikasi</i> , 2019 , 22, 220-226	0.4	2
20	Influence of Soy Protein Isolate on Gelatin-based Edible Film Properties. <i>MATEC Web of Conferences</i> , 2018 , 156, 01014	0.3	1
19	A cleaner process for biodiesel production from waste cooking oil using waste materials as a heterogeneous catalyst and its kinetic study. <i>Journal of Cleaner Production</i> , 2018 , 195, 1249-1258	10.3	72
18	Biopolymer of Chitosan from Fish Scales as Natural Coagulant for Iron-contaminated Groundwater Treatment. <i>Jurnal Rekayasa Kimia & Lingkungan</i> , 2018 , 13, 93-99	1	5
17	Biosorption of Lead (II)-containing Sasirangan Textile Wastewater using Nanocomposites of Eleocharis dulcis Fibers with Iron (III) Nanoparticles as Adsorbent. <i>MATEC Web of Conferences</i> , 2018 , 156, 05011	0.3	
16	Recovery of Aluminum from Aluminum Coated Plastic Waste using Pyrolysis Process. <i>Reaktor</i> , 2018 , 18, 38	0.5	1

15	Rice Husk Fiber Magnetic Nanoparticle Biocomposites: Preparation and Characterization. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 175, 012005	0.3	1
14	Catalytic performance of sulfonated carbon-based solid acid catalyst on esterification of waste cooking oil for biodiesel production. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 2171-2175	6.8	59
13	Conversion of palm oil sludge to biodiesel using alum and KOH as catalysts. <i>Sustainable Environment Research</i> , 2017 , 27, 291-295	3.8	54
12	Potential waste from palm empty fruit bunches and eggshells as a heterogeneous catalyst for biodiesel production. <i>RSC Advances</i> , 2017 , 7, 55547-55554	3.7	20
11	Biocomposite Materials of Eleocharis dulcis Fibers with Iron (III) Nanoparticles and Its Potential for Sasirangan Textile Wastewater Treatment. <i>International Journal on Advanced Science, Engineering and Information Technology</i> , 2017 , 7, 1234	1.6	4
10	PRODUKSI BIOETANOL DARI ALKALI-PRETREATMENT JERAMI PADI DENGAN PROSES SIMULTANEOUS SACHARIFICATION AND FERMENTATION (SSF). <i>Konversi</i> , 2016 , 3, 10	0.5	2
9	Carbon-based strong solid acid for cornstarch hydrolysis. <i>Journal of Solid State Chemistry</i> , 2015 , 230, 163-168	3.3	37
8	A chitin nanofibril reinforced multifunctional monolith poly(vinyl alcohol) cryogel. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 4108-4113	7.3	17
7	Facile microencapsulation of curcumin in acetylated starch microparticles. <i>Journal of Microencapsulation</i> , 2014 , 31, 344-9	3.4	6
6	Chitin nanofibrils for self-sustaining hydrogels preparation via hydrothermal treatment. <i>Carbohydrate Polymers</i> , 2012 , 90, 1509-14	10.3	34
5	Carbonaceous hydrogels based on hydrothermal carbonization of glucose with chitin nanofibers. <i>Soft Matter</i> , 2012 , 8, 3522	3.6	19
4	One-pot preparation of amine-rich magnetite/bacterial cellulose nanocomposite and its application for arsenate removal. <i>RSC Advances</i> , 2011 , 1, 625	3.7	90
3	Carbonaceous materials passivation on amine functionalized magnetic nanoparticles and its application for metal affinity isolation of recombinant protein. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 3342-9	9.5	9
2	Novel carbonaceous nanocomposite pellicle based on bacterial cellulose. <i>Green Chemistry</i> , 2010 , 12, 1454-60	4.0	18
1	Facile preparation of magnetic carbonaceous nanoparticles for Pb ²⁺ ions removal. <i>Journal of Hazardous Materials</i> , 2010 , 183, 853-8	12.8	54