

# Justinus A Satrio

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3226392/publications.pdf>

Version: 2024-02-01

17  
papers

2,912  
citations

623734

14  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2989  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of inorganic salts on the primary pyrolysis products of cellulose. <i>Bioresource Technology</i> , 2010, 101, 4646-4655.	9.6	668
2	Techno-economic analysis of biomass fast pyrolysis to transportation fuels. <i>Fuel</i> , 2010, 89, S2-S10.	6.4	579
3	Product distribution from fast pyrolysis of glucose-based carbohydrates. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 86, 323-330.	5.5	400
4	Techno-economic comparison of biomass-to-transportation fuels via pyrolysis, gasification, and biochemical pathways. <i>Fuel</i> , 2010, 89, S29-S35.	6.4	395
5	Techno-economic analysis of biomass-to-liquids production based on gasification. <i>Fuel</i> , 2010, 89, S11-S19.	6.4	328
6	Development of a CaO-Based CO <sub>2</sub> Sorbent with Improved Cyclic Stability. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 7841-7848.	3.7	143
7	Development of a Novel Combined Catalyst and Sorbent for Hydrocarbon Reforming. <i>Industrial &amp; Engineering Chemistry Research</i> , 2005, 44, 3901-3911.	3.7	94
8	Selective pyrolysis of paper mill sludge by using pretreatment processes to enhance the quality of bio-oil and biochar products. <i>Biomass and Bioenergy</i> , 2014, 71, 235-244.	5.7	64
9	Utilization of Grasses for Potential Biofuel Production and Phytoremediation of Heavy Metal Contaminated Soils. <i>International Journal of Phytoremediation</i> , 2015, 17, 448-455.	3.1	55
10	A Combined Catalyst and Sorbent for Enhancing Hydrogen Production from Coal or Biomass. <i>Energy &amp; Fuels</i> , 2007, 21, 322-326.	5.1	45
11	Steam Reforming of Bio-oil Fractions: Effect of Composition and Stability. <i>Energy &amp; Fuels</i> , 2011, 25, 3289-3297.	5.1	38
12	Application of a Combined Catalyst and Sorbent for Steam Reforming of Methane. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 4091-4098.	3.7	31
13	Two-Step Pyrolysis Process for Producing High Quality Bio-oils. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 10629-10637.	3.7	29
14	Exploring the Products from Pinewood Pyrolysis in Three Different Reactor Systems. <i>Energy &amp; Fuels</i> , 2015, 29, 5857-5864.	5.1	17
15	Effects of Pretreatments on Yields, Selectivity and Properties of Products from Pyrolysis of <i>Phragmites australis</i> (Common Reeds). <i>Environments - MDPI</i> , 2017, 4, 96.	3.3	12
16	Developing Preservice Chemistry Teachers'™ Engagement with Sustainability Education through an Online Project-Based Learning Summer Course Program. <i>Sustainability</i> , 2022, 14, 1783.	3.2	9
17	Evaluation of Sugars and Bio-oil Production Using Lead Contaminated Switchgrass Feedstock. <i>Waste and Biomass Valorization</i> , 2016, 7, 1091-1104.	3.4	5