

# 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  | Developing Preservice Chemistry Teachers's™ Engagement with Sustainability Education through an Online Project-Based Learning Summer Course Program. <i>Sustainability</i> , 2022, 14, 1783. | 3.2 | 9         |
| 2  | 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        |
| 3  | 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         |
| 4  | Two-Step Pyrolysis Process for Producing High Quality Bio-oils. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 10629-10637.  | 3.7 | 29        |
| 5  | Exploring the Products from Pinewood Pyrolysis in Three Different Reactor Systems. <i>Energy &amp; Fuels</i> , 2015, 29, 5857-5864.  | 5.1 | 17        |
| 6  | 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        |
| 7  | 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        |
| 8  | Steam Reforming of Bio-oil Fractions: Effect of Composition and Stability. <i>Energy &amp; Fuels</i> , 2011, 25, 3289-3297.  | 5.1 | 38        |
| 9  | Techno-economic comparison of biomass-to-transportation fuels via pyrolysis, gasification, and biochemical pathways. <i>Fuel</i> , 2010, 89, S29-S35.  | 6.4 | 395       |
| 10 | Techno-economic analysis of biomass-to-liquids production based on gasification. <i>Fuel</i> , 2010, 89, S11-S19.  | 6.4 | 328       |
| 11 | Techno-economic analysis of biomass fast pyrolysis to transportation fuels. <i>Fuel</i> , 2010, 89, S2-S10.  | 6.4 | 579       |
| 12 | Influence of inorganic salts on the primary pyrolysis products of cellulose. <i>Bioresource Technology</i> , 2010, 101, 4646-4655.   | 9.6 | 668       |
| 13 | 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        |
| 14 | Product distribution from fast pyrolysis of glucose-based carbohydrates. <i>Journal of Analytical and Applied Pyrolysis</i> , 2009, 86, 323-330.   | 5.5 | 400       |
| 15 | 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       |
| 16 | A Combined Catalyst and Sorbent for Enhancing Hydrogen Production from Coal or Biomass's. <i>Energy &amp; Fuels</i> , 2007, 21, 322-326.   | 5.1 | 45        |
| 17 | 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        |