

# Takuya Yoshida

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11048934/publications.pdf>

Version: 2024-02-01

11  
papers

874  
citations

840776

11  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

751  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gasification of biomass model compounds and real biomass in supercritical water. <i>Biomass and Bioenergy</i> , 2004, 26, 71-78.	5.7	292
2	Gasification of Cellulose, Xylan, and Lignin Mixtures in Supercritical Water. <i>Industrial &amp; Engineering Chemistry Research</i> , 2001, 40, 5469-5474.	3.7	197
3	Glucose Decomposition Kinetics in Water at 25 MPa in the Temperature Range of 448~673 K. <i>Industrial &amp; Engineering Chemistry Research</i> , 2006, 45, 1875-1879.	3.7	102
4	Partial Oxidative and Catalytic Biomass Gasification in Supercritical Water: A Promising Flow Reactor System. <i>Industrial &amp; Engineering Chemistry Research</i> , 2004, 43, 4097-4104.	3.7	77
5	Sewage Sludge Carbonization for Terra Preta Applications. <i>Energy &amp; Fuels</i> , 2009, 23, 5454-5459.	5.1	43
6	Hydrothermal Pretreatment of Rubber Wood for the Saccharification Process. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 4587-4591.	3.7	42
7	Gasification Rate of Various Biomass Feedstocks in Supercritical Water. <i>Journal of the Japan Petroleum Institute</i> , 2013, 56, 1-10.	0.6	33
8	Reactor Development for Supercritical Water Gasification of 4.9 wt% Glucose Solution at 673 K by Using Computational Fluid Dynamics. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 8381-8386.	3.7	27
9	Banagrass vs Eucalyptus Wood as Feedstocks for Metallurgical Biocarbon Production. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 9882-9888.	3.7	25
10	Glucose Decomposition in Water under Supercritical Pressure at 448-498 K. <i>Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy</i> , 2007, 86, 700-706.	0.2	20
11	Hydrothermal Treatment of Cellulose as a Pretreatment for Ethanol Fermentation: Cellulose Hydrolysis Experiments. <i>Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy</i> , 2005, 84, 544-548.	0.2	16