

# Joanne Tanner

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

510  
citations

758635

12  
h-index

676716

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

461  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics of CO <sub>2</sub> and steam gasification of Victorian brown coal chars. <i>Chemical Engineering Journal</i> , 2016, 285, 331-340.	6.6	131
2	In situ synchrotron IR study relating temperature and heating rate to surface functional group changes in biomass. <i>Bioresource Technology</i> , 2014, 151, 36-42.	4.8	48
3	High-temperature pyrolysis and CO <sub>2</sub> gasification of Victorian brown coal and Rhenish lignite in an entrained flow reactor. <i>AIChE Journal</i> , 2016, 62, 2101-2111.	1.8	38
4	A Pilot-Scale Demonstration of Mobile Direct Air Capture Using Metal-Organic Frameworks. <i>Advanced Sustainable Systems</i> , 2020, 4, 2000101.	2.7	37
5	Low temperature entrained flow pyrolysis and gasification of a Victorian brown coal. <i>Fuel</i> , 2015, 154, 107-113.	3.4	35
6	Slag mobility in entrained flow gasifiers optimized using a new reliable viscosity model of iron oxide-containing multicomponent melts. <i>Applied Energy</i> , 2019, 236, 837-849.	5.1	35
7	Sustainable production process of mechanically prepared nanocellulose from hardwood and softwood: A comparative investigation of refining energy consumption at laboratory and pilot scale. <i>Industrial Crops and Products</i> , 2021, 171, 113868.	2.5	28
8	Structure and swelling of cross-linked nanocellulose foams. <i>Journal of Colloid and Interface Science</i> , 2020, 568, 234-244.	5.0	23
9	Novel rare earth quinolinolate complexes. <i>Journal of Alloys and Compounds</i> , 2008, 451, 436-439.	2.8	19
10	The temperature-dependent release of volatile inorganic species from Victorian brown coals and German lignites under CO <sub>2</sub> and H <sub>2</sub> O gasification conditions. <i>Fuel</i> , 2015, 158, 72-80.	3.4	14
11	Influence of Temperature on the Release of Inorganic Species from Victorian Brown Coals and German Lignites under CO <sub>2</sub> Gasification Conditions. <i>Energy &amp; Fuels</i> , 2014, 28, 6289-6298.	2.5	13
12	Preparation and benchmarking of novel cellulose nanopaper. <i>Cellulose</i> , 2022, 29, 4393-4411.	2.4	13
13	Reactions and Transformations of Mineral and Nonmineral Inorganic Species during the Entrained Flow Pyrolysis and CO <sub>2</sub> Gasification of Low Rank Coals. <i>Energy &amp; Fuels</i> , 2016, 30, 3798-3808.	2.5	11
14	Modulating nanocellulose hydrogels and cryogels strength by crosslinking and blending. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 630, 127608.	2.3	10
15	Absorption kinetics of nanocellulose foams: Effect of ionic strength and surface charge. <i>Journal of Colloid and Interface Science</i> , 2021, 601, 124-132.	5.0	9
16	Flotation as a separation technology for recovering pulp fines and sustainable nanocellulose production. <i>Separation and Purification Technology</i> , 2021, 270, 118810.	3.9	8
17	Brief Evaluation of Selected Fuel Characteristics of Thermochemically Upgraded Wheat Straw: Torrefaction and Hydrothermal Carbonization. <i>Energy &amp; Fuels</i> , 2017, 31, 14426-14429.	2.5	7
18	Continuous flow production of xylooligosaccharides by enzymatic hydrolysis. <i>Chemical Engineering Science</i> , 2021, 244, 116789.	1.9	7

#	ARTICLE	IF	CITATIONS
19	Detection of Volatiles from Raw Beef Meat from Different Packaging Systems Using Solid-Phase Microextraction GC-MS. <i>Accurate Mass Spectrometry. Foods</i> , 2021, 10, 2018.	1.9	6
20	Engineering laminated paper for SARS-CoV-2 medical gowns. <i>Polymer</i> , 2021, 222, 123643.	1.8	5
21	Recycled paper mill process water pre-treatment using ultrafiltration for water system closure. <i>Journal of Water Process Engineering</i> , 2021, 44, 102407.	2.6	5
22	Determination of xylooligosaccharides produced from enzymatic hydrolysis of beechwood xylan using high-performance anion-exchange chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2022, 1666, 462836.	1.8	5
23	Effect of crosslinking on nanocellulose superabsorbent biodegradability. <i>Carbohydrate Polymer Technologies and Applications</i> , 2022, 3, 100199.	1.6	3