

# MiloÅ; Auersvald

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

363  
citations

933447

10  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

381  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrotreatment of straw bio-oil from ablative fast pyrolysis to produce suitable refinery intermediates. <i>Fuel</i> , 2019, 238, 98-110.	6.4	64
2	Application of orbitrap mass spectrometry for analysis of model bio-oil compounds and fast pyrolysis bio-oils from different biomass sources. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 124, 230-238.	5.5	47
3	Quantitative Study of Straw Bio-oil Hydrodeoxygenation over a Sulfided NiMo Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7080-7093.	6.7	45
4	Quantitative analysis of pyrolysis bio-oils: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 126, 115857.	11.4	44
5	Influence of biomass type on the composition of bio-oils from ablative fast pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020, 150, 104838.	5.5	32
6	Efficient One-Stage Bio-Oil Upgrading over Sulfided Catalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 15149-15167.	6.7	25
7	Bio-based refinery intermediate production via hydrodeoxygenation of fast pyrolysis bio-oil. <i>Renewable Energy</i> , 2021, 168, 593-605.	8.9	22
8	Two-Dimensional Gas Chromatography Characterization of Pyrolysis Bio-oils: A Review. <i>Energy &amp; Fuels</i> , 2021, 35, 8541-8557.	5.1	21
9	Fluid catalytic co-processing of bio-oils with petroleum intermediates: Comparison of vapour phase low pressure hydrotreating and catalytic cracking as pretreatment. <i>Fuel</i> , 2021, 302, 121198.	6.4	19
10	Integration of stabilized bio-oil in light cycle oil hydrotreatment unit targeting hybrid fuels. <i>Fuel Processing Technology</i> , 2022, 230, 107220.	7.2	13
11	Detailed characterization of sulfur compounds in fast pyrolysis bio-oils using GC-MS—GC-SCD and GC-MS. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 159, 105288.	5.5	10
12	Improved bio-oil upgrading due to optimized reactor temperature profile. <i>Fuel Processing Technology</i> , 2021, 222, 106977.	7.2	9
13	Fuels from Reliable Bio-based Refinery Intermediates: BioMates. <i>Waste and Biomass Valorization</i> , 2020, 11, 579-598.	3.4	7
14	Combination of GC-MS and selective peak elimination procedures as a tool for characterization of complex saccharide mixtures— Application to pyrolysis bio-oils. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1171, 122644.	2.3	3
15	Electrometric bromine number as a suitable method for the quantitative determination of phenols and olefins in hydrotreated pyrolysis bio-oils. <i>Talanta</i> , 2021, 225, 122001.	5.5	2