

# Stefan Pischinger

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2501077/publications.pdf>

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16  
papers

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1040056

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16  
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16  
docs citations

16  
times ranked

1129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced Biofuels and Beyond: Chemistry Solutions for Propulsion and Production. Angewandte Chemie - International Edition, 2017, 56, 5412-5452.	13.8	224
2	Cleaner production of cleaner fuels: wind-to-wheel " environmental assessment of CO <sub>2</sub> -based oxymethylene ether as a drop-in fuel. Energy and Environmental Science, 2018, 11, 331-343.	30.8	195
3	Potential of oxymethylenether-diesel blends for ultra-low emission engines. Fuel, 2017, 209, 232-237.	6.4	115
4	Tailor-Made Fuels from Biomass: Potentials of 2-butanone and 2-methylfuran in direct injection spark ignition engines. Fuel, 2016, 167, 106-117.	6.4	111
5	Potential of long-chain oxymethylene ether and oxymethylene ether-diesel blends for ultra-low emission engines. Applied Energy, 2019, 239, 1242-1249.	10.1	98
6	Comparison of light-duty transportation fuels produced from renewable hydrogen and green carbon dioxide. Applied Energy, 2018, 231, 757-767.	10.1	79
7	Electrochemical conversion of a bio-derivable hydroxy acid to a drop-in oxygenate diesel fuel. Energy and Environmental Science, 2019, 12, 2406-2411.	30.8	45
8	Combustion and emission behavior of linear C <sub>8</sub> -oxygenates. International Journal of Engine Research, 2015, 16, 627-638.	2.3	40
9	Concepts for Hydrogen Internal Combustion Engines and Their Implications on the Exhaust Gas Aftertreatment System. Energies, 2021, 14, 8166.	3.1	25
10	Blend for all or pure for few? Well-to-wheel life cycle assessment of blending electricity-based OME <sub>3</sub> with fossil diesel. Sustainable Energy and Fuels, 2022, 6, 1959-1973.	4.9	10
11	Perovskite Catalyst for In-Cylinder Coating to Reduce Raw Pollutant Emissions of Internal Combustion Engines. ACS Omega, 2022, 7, 5340-5349.	3.5	9
12	Designed to Be Green, Economic, and Efficient: A Ketone-Ester-Alcohol-Alkane Blend for Future Spark-Ignition Engines. ChemSusChem, 2021, 14, 5254-5264.	6.8	8
13	Storage and Oxidation of Oxygen-Free and Oxygenated Hydrocarbons on a Pt-Pd Series Production Oxidation Catalyst. Topics in Catalysis, 2019, 62, 376-385.	2.8	6
14	Investigation of Filtration Phenomena of Air Pollutants on Cathode Air Filters for PEM Fuel Cells. Catalysts, 2021, 11, 1339.	3.5	5
15	Sorption and Reaction of Biomass Derived HC Blends and Their Constituents on a Commercial Pt-Pd/Al <sub>2</sub> O <sub>3</sub> Oxidation Catalyst. Catalysis Letters, 2022, 152, 1880-1894.	2.6	3
16	Combustion rate shaping for flex-fuel applications. International Journal of Engine Research, 0, , 146808742211107.	2.3	2