Branka Miljevic

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9292108/publications.pdf

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40	2,249	279487	288905
papers	citations	23 h-index	40 g-index

42	42	42	3731
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engine performance and emissions from fuels containing nitrogen and sulphur. Energy Conversion and Management: X, 2022, 14, 100179.	0.9	2
2	The contribution of coral-reef-derived dimethyl sulfide to aerosol burden over the Great Barrier Reef: a modelling study. Atmospheric Chemistry and Physics, 2022, 22, 2419-2445.	1.9	6
3	Engine performance and emissions of high nitrogen-containing fuels. Fuel, 2020, 264, 116805.	3.4	13
4	The correlation between diesel soot chemical structure and reactivity. Carbon, 2020, 161, 736-749.	5.4	42
5	Marine productivity and synoptic meteorology drive summer-time variability in Southern Ocean aerosols. Atmospheric Chemistry and Physics, 2020, 20, 8047-8062.	1.9	14
6	Application of a Fluorescent Probe for the Online Measurement of PM-Bound Reactive Oxygen Species in Chamber and Ambient Studies. Sensors, 2019, 19, 4564.	2.1	3
7	Multivariate analysis of performance and emission parameters in a diesel engine using biodiesel and oxygenated additive. Energy Conversion and Management, 2019, 201, 112183.	4.4	32
8	Quantification of Particle-Bound Organic Radicals in Secondary Organic Aerosol. Environmental Science & Technology, 2019, 53, 6729-6737.	4.6	25
9	Comprehensive aerosol and gas data set from the Sydney Particle Study. Earth System Science Data, 2019, 11, 1883-1903.	3.7	5
10	Determining the link between hygroscopicity and composition for semi-volatile aerosol species. Atmospheric Measurement Techniques, 2018, 11, 4361-4372.	1.2	4
11	Effect of sulphur and vanadium spiked fuels on particle characteristics and engine performance of auxiliary diesel engines. Environmental Pollution, 2018, 243, 1943-1951.	3.7	21
12	Emissions of Selected Semivolatile Organic Chemicals from Forest and Savannah Fires. Environmental Science & Technology, 2017, 51, 1293-1302.	4.6	35
13	Emission factors of trace gases and particles from tropical savanna fires in Australia. Journal of Geophysical Research D: Atmospheres, 2017, 122, 6059-6074.	1.2	32
14	A review of biomass burning: Emissions and impacts on air quality, health and climate in China. Science of the Total Environment, 2017, 579, 1000-1034.	3.9	815
15	Biomass burning emissions in north Australia during the early dry season: an overview of the 2014 SAFIRED campaign. Atmospheric Chemistry and Physics, 2017, 17, 13681-13697.	1.9	24
16	Composition, size and cloud condensation nuclei activity of biomass burning aerosol from northern Australian savannah fires. Atmospheric Chemistry and Physics, 2017, 17, 3605-3617.	1.9	18
17	Biomass burning and biogenic aerosols in northern Australia during the SAFIRED campaign. Atmospheric Chemistry and Physics, 2017, 17, 3945-3961.	1.9	16
18	Sea spray aerosol in the Great Barrier Reef and the presence of nonvolatile organics. Journal of Geophysical Research D: Atmospheres, 2016, 121, 7088-7099.	1.2	8

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19	Influence of biodiesel fuel composition on the morphology and microstructure of particles emitted from diesel engines. Carbon, 2016, 104, 179-189.	5.4	74
20	Inorganic Salt Interference on CO₂⁺ in Aerodyne AMS and ACSM Organic Aerosol Composition Studies. Environmental Science & Technology, 2016, 50, 10494-10503.	4.6	88
21	Characterisation of the impact of open biomass burning on urban air quality in Brisbane, Australia. Environment International, 2016, 91, 230-242.	4.8	34
22	Dimethyl sulfide and other biogenic volatile organic compound emissions from branching coral and reef seawater: potential sources of secondary aerosol over the Great Barrier Reef. Journal of Atmospheric Chemistry, 2016, 73, 303-328.	1.4	40
23	Review-evaluating the molecular assays for measuring the oxidative potential of particulate matter. Chemical Industry and Chemical Engineering Quarterly, 2015, 21, 201-210.	0.4	52
24	Characterisation of a Commercially Available Thermodenuder and Diffusion Drier for Ultrafine Particles Losses. Aerosol and Air Quality Research, 2015, 15, 357-363.	0.9	13
25	To Sonicate or Not to Sonicate PM Filters: Reactive Oxygen Species Generation Upon Ultrasonic Irradiation. Aerosol Science and Technology, 2014, 48, 1276-1284.	1.5	76
26	Observations on the Formation, Growth and Chemical Composition of Aerosols in an Urban Environment. Environmental Science & Technology, 2014, 48, 6588-6596.	4.6	17
27	Performance and gaseous and particle emissions from a liquefied petroleum gas (LPG) fumigated compression ignition engine. Fuel, 2014, 133, 17-25.	3.4	20
28	Application of Multicriteria Decision Making Methods to Compression Ignition Engine Efficiency and Gaseous, Particulate, and Greenhouse Gas Emissions. Environmental Science & Technology, 2013, 47, 1904-1912.	4.6	11
29	Influence of Oxygenated Organic Aerosols (OOAs) on the Oxidative Potential of Diesel and Biodiesel Particulate Matter. Environmental Science & Technology, 2013, 47, 7655-7662.	4.6	54
30	Application of profluorescent nitroxides for measurements of oxidative capacity of combustion generated particles. Chemical Industry and Chemical Engineering Quarterly, 2012, 18, 653-659.	0.4	13
31	Time-Resolved Characterization of Primary Emissions from Residential Wood Combustion Appliances. Environmental Science & Technology, 2012, 46, 11418-11425.	4.6	57
32	Restructuring of carbonaceous particles upon exposure to organic and water vapours. Journal of Aerosol Science, 2012, 47, 48-57.	1.8	33
33	The Use of a Nitroxide Probe in DMSO to Capture Free Radicals in Particulate Pollution. European Journal of Organic Chemistry, 2012, 2012, 5908-5912.	1.2	30
34	Concentration and oxidative potential of on-road particle emissions and their relationship with traffic composition: Relevance to exposure assessment. Atmospheric Environment, 2012, 59, 533-539.	1.9	24
35	Respiratory health effects of diesel particulate matter. Respirology, 2012, 17, 201-212.	1.3	247
36	Physicochemical Characterization of Particulate Emissions from a Compression Ignition Engine Employing Two Injection Technologies and Three Fuels. Environmental Science & Technology, 2011, 45, 5498-5505.	4.6	25

#	Article	IF	Citations
37	Physicochemical Characterization of Particulate Emissions from a Compression Ignition Engine: The Influence of Biodiesel Feedstock. Environmental Science & Technology, 2011, 45, 10337-10343.	4.6	54
38	Critical Analysis of High Particle Number Emissions from Accelerating Compressed Natural Gas Buses. Environmental Science & Technology, 2010, 44, 3724-3731.	4.6	29
39	Particle Emissions, Volatility, and Toxicity from an Ethanol Fumigated Compression Ignition Engine. Environmental Science & Technology, 2010, 44, 229-235.	4.6	72
40	Oxidative Potential of Logwood and Pellet Burning Particles Assessed by a Novel Profluorescent Nitroxide Probe. Environmental Science & Technology, 2010, 44, 6601-6607.	4.6	63