

Johannes Passig

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4251683/publications.pdf>

Version: 2024-02-01

17
papers

541
citations

687220

13
h-index

887953

17
g-index

28
all docs

28
docs citations

28
times ranked

932
citing authors

#	ARTICLE	IF	CITATIONS
1	Particulate Matter from Both Heavy Fuel Oil and Diesel Fuel Shipping Emissions Show Strong Biological Effects on Human Lung Cells at Realistic and Comparable In Vitro Exposure Conditions. PLoS ONE, 2015, 10, e0126536.	1.1	111
2	Dynamic changes in optical and chemical properties of tar ball aerosols by atmospheric photochemical aging. Atmospheric Chemistry and Physics, 2019, 19, 139-163.	1.9	81
3	Aerosol emissions of a ship diesel engine operated with diesel fuel or heavy fuel oil. Environmental Science and Pollution Research, 2017, 24, 10976-10991.	2.7	65
4	Influence of wood species on toxicity of log-wood stove combustion aerosols: a parallel animal and air-liquid interface cell exposure study on spruce and pine smoke. Particle and Fibre Toxicology, 2020, 17, 27.	2.8	38
5	Nanoplasmonic electron acceleration by attosecond-controlled forward rescattering in silver clusters. Nature Communications, 2017, 8, 1181.	5.8	31
6	Metabolic Profiling as Well as Stable Isotope Assisted Metabolic and Proteomic Analysis of RAW 264.7 Macrophages Exposed to Ship Engine Aerosol Emissions: Different Effects of Heavy Fuel Oil and Refined Diesel Fuel. PLoS ONE, 2016, 11, e0157964.	1.1	29
7	Aerosol Mass Spectrometer for Simultaneous Detection of Polyaromatic Hydrocarbons and Inorganic Components from Individual Particles. Analytical Chemistry, 2017, 89, 6341-6345.	3.2	29
8	Spatially Shaped Laser Pulses for the Simultaneous Detection of Polycyclic Aromatic Hydrocarbons as well as Positive and Negative Inorganic Ions in Single Particle Mass Spectrometry. Analytical Chemistry, 2019, 91, 10282-10288.	3.2	21
9	Collimation of metal nanoparticle beams using aerodynamic lenses. Review of Scientific Instruments, 2006, 77, 093304.	0.6	19
10	Determination of Relative Ionization Cross Sections for Resonance Enhanced Multiphoton Ionization of Polycyclic Aromatic Hydrocarbons. Applied Sciences (Switzerland), 2018, 8, 1617.	1.3	17
11	Detection of ship plumes from residual fuel operation in emission control areas using single-particle mass spectrometry. Atmospheric Measurement Techniques, 2021, 14, 4171-4185.	1.2	17
12	Ionization-Induced Subcycle Metallization of Nanoparticles in Few-Cycle Pulses. ACS Photonics, 2020, 7, 3207-3215.	3.2	15
13	Direct Infusion Resonance-Enhanced Multiphoton Ionization Mass Spectrometry of Liquid Samples under Vacuum Conditions. Analytical Chemistry, 2017, 89, 10917-10923.	3.2	14
14	Needle trap sampling thermal-desorption resonance enhanced multiphoton ionization time-of-flight mass spectrometry for analysis of marine diesel engine exhaust. Analytical Methods, 2015, 7, 3608-3617.	1.3	13
15	Flow injection of liquid samples to a mass spectrometer with ionization under vacuum conditions: a combined ion source for single-photon and electron impact ionization. Analytical and Bioanalytical Chemistry, 2013, 405, 6953-6957.	1.9	12
16	Single-particle characterization of polycyclic aromatic hydrocarbons in background air in northern Europe. Atmospheric Chemistry and Physics, 2022, 22, 1495-1514.	1.9	12
17	Resonance-enhanced detection of metals in aerosols using single-particle mass spectrometry. Atmospheric Chemistry and Physics, 2020, 20, 7139-7152.	1.9	10