Evangelos Bakeas

List of Publications by Year
in descending order

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39 papers	1,365 citations	471509 17 h-index	345221 36 g-index
39 all docs	39 docs citations	39 times ranked	1295 citing authors

#	Article	IF	Citations
1	PM2.5-bound organosulfates in two Eastern Mediterranean cities: The dominance of isoprene organosulfates. Chemosphere, 2022, 297, 134103.	8.2	5
2	Polycyclic aromatic hydrocarbons and trace elements dietary intake in inhabitants of Athens, Greece, based on a duplicate portion study. Food and Chemical Toxicology, 2022, 165, 113087.	3.6	4
3	Primary and secondary organic aerosol in an urban/industrial site: Sources, health implications and the role of plastic enriched waste burning. Journal of Environmental Sciences, 2021, 99, 222-238.	6.1	26
4	Secondary organic aerosol markers and related polar organic compounds in summer aerosols from a sub-urban site in Athens: Size distributions, diurnal trends and source apportionment. Atmospheric Pollution Research, 2021, 12, 1-13.	3.8	8
5	Heart Failure and PAHs, OHPAHs, and Trace Elements Levels in Human Serum: Results from a Preliminary Pilot Study in Greek Population and the Possible Impact of Air Pollution. Molecules, 2021, 26, 3207.	3.8	14
6	Trace metals in the marine surface microlayer of coastal areas in the Aegean sea, Eastern Mediterranean. Estuarine, Coastal and Shelf Science, 2021, 259, 107462.	2.1	3
7	Human serum elementsâ€™ levels and leukemia: A first pilot study from an adult Greek cohort. Journal of Trace Elements in Medicine and Biology, 2021, 68, 126833.	3.0	4
8	Monitoring of Polycyclic Aromatic Hydrocarbon Levels in Mussels (Mytilus galloprovincialis) from Aquaculture Farms in Central Macedonia Region, Greece, Using Gas Chromatographyâ€“Tandem Mass Spectrometry Method. Molecules, 2021, 26, 5953.	3.8	3
9	Occurrence and Distribution of Polycyclic Aromatic Hydrocarbons in the Marine Surface Microlayer of an Industrialized Coastal Area in the Eastern Mediterranean. Water (Switzerland), 2021, 13, 3174.	2.7	6
10	Secondary organic aerosol tracers and related polar organic compounds between urban and rural areas in the Eastern Mediterranean region: source apportionment and the influence of atmospheric oxidants. Environmental Sciences: Processes and Impacts, 2020, 22, 2212-2229.	3.5	1
11	Atmospheric Concentrations and Health Implications of PAHs, PCBs and PCDD/Fs in the Vicinity of a Heavily Industrialized Site in Greece. Applied Sciences (Switzerland), 2020, 10, 9023.	2.5	10
12	Polar organic compounds in PM10 and PM2.5 atmospheric aerosols from a background Eastern Mediterranean site during the winter period: Secondary formation, distribution and source apportionment. Atmospheric Environment, 2020, 237, 117622.	4.1	11
13	Determination of anabolic androgenic steroids as imidazole carbamate derivatives in human urine using liquid chromatographyâ€“tandem mass spectrometry. Journal of Separation Science, 2020, 43, 2154-2161.	2.5	8
14	Trace elements, polycyclic aromatic hydrocarbons, mineral composition, and FT-IR characterization of unrefined sea and rock salts: environmental interactions. Environmental Science and Pollution Research, 2020, 27, 10857-10868.	5.3	13
15	Trace elements bound to airborne PM10 in a heavily industrialized site nearby Athens: Seasonal patterns, emission sources, health implications. Atmospheric Pollution Research, 2019, 10, 1347-1356.	3.8	20
16	Identification of thiocyanates by Gas Chromatography â€“ Mass Spectrometry in explosive residues used as a possible marker to indicate black powder usage. Talanta, 2019, 195, 456-462.	5.5	7
17	Discrimination of tetryl samples by gas chromatography â€“ Isotope ratio mass spectrometry. Forensic Chemistry, 2019, 12, 42-45.	2.8	4
18	Facile synthesis of a 2-(2â€²-pyridyl)-4-(methylcarboxy)quinoline ruthenium (II) based catalyst precursor for transfer hydrogenation of aromatic ketones. Inorganic Chemistry Communication, 2018, 92, 64-68.	3.9	3

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19	Pyridyl based ruthenium(II) catalyst precursors and their dihydride analogues as the catalytically active species for the transfer hydrogenation of ketones. Polyhedron, 2018, 154, 27-38.	2.2	3
20	An effective and low cost carbon based clean-up method for PCDD/Fs and PCBs analysis in food. Chemosphere, 2018, 206, 531-538.	8.2	12
21	A 2-(2â€™-pyridyl)quinoline ruthenium(II) complex as an active catalyst for the transfer hydrogenation of ketones. Open Chemistry, 2016, 14, 308-315.	1.9	6
22	A rapid method for the identification of nitrocellulose in high explosives and smokeless powders using GCâ€“Eiâ€“MS. Talanta, 2016, 151, 192-201.	5.5	21
23	Copper complexation in wet precipitation: Impact of different ligand sources. Atmospheric Environment, 2013, 80, 13-19.	4.1	9
24	Regulated, carbonyl and polycyclic aromatic hydrocarbon emissions from a light-duty vehicle fueled with diesel and biodiesel blends. Environmental Sciences: Processes and Impacts, 2013, 15, 412-422.	3.5	26
25	Biodiesel emissions profile in modern diesel vehicles. Part 2: Effect of biodiesel origin on carbonyl, PAH, nitro-PAH and oxy-PAH emissions. Science of the Total Environment, 2011, 409, 738-747.	8.0	126
26	Biodiesel emissions profile in modern diesel vehicles. Part 1: Effect of biodiesel origin on the criteria emissions. Science of the Total Environment, 2011, 409, 1670-1676.	8.0	66
27	Effect of biodiesel origin on regulated and particle-bound PAH (polycyclic aromatic hydrocarbon) emissions from a Euro 4 passenger car. Energy, 2011, 36, 5328-5337.	8.8	63
28	An experimental study on the impact of biodiesel origin on the regulated and PAH emissions from a Euro 4 light-duty vehicle. Fuel, 2011, 90, 3200-3208.	6.4	40
29	Impact of straight vegetable oilâ€“diesel blends application on vehicle regulated and non-regulated emissions over legislated and real world driving cycles. Biomass and Bioenergy, 2011, 35, 3188-3198.	5.7	27
30	Effects of low concentration biodiesel blends application on modern passenger cars. Part 3: Impact on PAH, nitro-PAH, and oxy-PAH emissions. Environmental Pollution, 2010, 158, 1584-1594.	7.5	96
31	Effects of low concentration biodiesel blend application on modern passenger cars. Part 1: Feedstock impact on regulated pollutants, fuel consumption and particle emissions. Environmental Pollution, 2010, 158, 1451-1460.	7.5	59
32	The impact of soy-based biodiesel on PAH, nitro-PAH and oxy-PAH emissions from a passenger car operated over regulated and nonregulated driving cycles. Fuel, 2010, 89, 3876-3883.	6.4	71
33	Influence of Oxidized Biodiesel Blends on Regulated and Unregulated Emissions from a Diesel Passenger Car. Environmental Science & Technology, 2010, 44, 5306-5312.	10.0	51
34	The Effect of Biodiesel on PAHs, Nitro-PAHs and Oxy-PAHs Emissions from a Light Vehicle Operated Over the European and the Artemis Driving Cycles. , 2009, , .		11
35	Light vehicle regulated and unregulated emissions from different biodiesels. Science of the Total Environment, 2009, 407, 3338-3346.	8.0	128
36	Effects of diesel/biodiesel blends on regulated and unregulated pollutants from a passenger vehicle operated over the European and the Athens driving cycles. Atmospheric Environment, 2009, 43, 1745-1752.	4.1	92

#	Article	IF	Citations
37	Regulated and unregulated emissions of a light duty vehicle operated on diesel/palm-based methyl ester blends over NEDC and a non-legislated driving cycle. Fuel, 2009, 88, 1078-1085.	6.4	63
38	Effects of biodiesel on passenger car fuel consumption, regulated and non-regulated pollutant emissions over legislated and real-world driving cycles. Fuel, 2009, 88, 1608-1617.	6.4	234
39	Regulated and Unregulated Emissions of a Euro 4 SUV Operated with Diesel and Soy-based Biodiesel Blends. SAE International Journal of Fuels and Lubricants, 0, 2, 115-131.	0.2	11