Athanasios Valavanidis

List of Publications by Year
in descending order

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26 papers	6,312 citations	430442 18 h-index	580395 25 g-index
26 all docs	26 docs citations	26 times ranked	10852 citing authors

#	Article	IF	Citations
1	8-hydroxy-2â€² -deoxyguanosine (8-OHdG): A Critical Biomarker of Oxidative Stress and Carcinogenesis. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2009, 27, 120-139.	2.9	1,460
2	Molecular biomarkers of oxidative stress in aquatic organisms in relation to toxic environmental pollutants. Ecotoxicology and Environmental Safety, 2006, 64, 178-189.	2.9	1,375
3	Airborne Particulate Matter and Human Health: Toxicological Assessment and Importance of Size and Composition of Particles for Oxidative Damage and Carcinogenic Mechanisms. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2008, 26, 339-362.	2.9	1,092
4	Pulmonary Oxidative Stress, Inflammation and Cancer: Respirable Particulate Matter, Fibrous Dusts and Ozone as Major Causes of Lung Carcinogenesis through Reactive Oxygen Species Mechanisms. International Journal of Environmental Research and Public Health, 2013, 10, 3886-3907.	1.2	577
5	Tobacco Smoke: Involvement of Reactive Oxygen Species and Stable Free Radicals in Mechanisms of Oxidative Damage, Carcinogenesis and Synergistic Effects with Other Respirable Particles. International Journal of Environmental Research and Public Health, 2009, 6, 445-462.	1.2	396
6	Reaction of Uric Acid with Peroxynitrite and Implications for the Mechanism of Neuroprotection by Uric Acid. Archives of Biochemistry and Biophysics, 2000, 376, 333-337.	1.4	300
7	Integrated use of biomarkers (superoxide dismutase, catalase and lipid peroxidation) in mussels Mytilus galloprovincialis for assessing heavy metalsâ€™ pollution in coastal areas from the Saronikos Gulf of Greece. Marine Pollution Bulletin, 2007, 54, 1361-1371.	2.3	241
8	Persistent free radicals, heavy metals and PAHs generated in particulate soot emissions and residue ash from controlled combustion of common types of plastic. Journal of Hazardous Materials, 2008, 156, 277-284.	6.5	172
9	Characterization of atmospheric particulates, particle-bound transition metals and polycyclic aromatic hydrocarbons of urban air in the centre of Athens (Greece). Chemosphere, 2006, 65, 760-768.	4.2	153
10	Comparison of the Radical Scavenging Potential of Polar and Lipidic Fractions of Olive Oil and Other Vegetable Oils under Normal Conditions and after Thermal Treatment. Journal of Agricultural and Food Chemistry, 2004, 52, 2358-2365.	2.4	121
11	Polyphenolic profile and antioxidant activity of five apple cultivars grown under organic and conventional agricultural practices. International Journal of Food Science and Technology, 2009, 44, 1167-1175.	1.3	79
12	Comparative study of the formation of oxidative damage marker 8-hydroxy-2â€²-deoxyguanosine (8-OHdG) adduct from the nucleoside 2â€²-deoxyguanosine by transition metals and suspensions of particulate matter in relation to metal content and redox reactivity. Free Radical Research, 2005, 39, 1071-1081.	1.5	76
13	Determination of Selective Quinones and Quinoid Radicals in Airborne Particulate Matter and Vehicular Exhaust Particles. Environmental Chemistry, 2006, 3, 118.	0.7	61
14	Metal leachability, heavy metals, polycyclic aromatic hydrocarbons and polychlorinated biphenyls in fly and bottom ashes of a medical waste incineration facility. Waste Management and Research, 2008, 26, 247-255.	2.2	32
15	Synthesis, molecular structure determination, and antitumor activity of platinum(II) and palladium(II) complexes of 2-substituted benzimidazole. Journal of Inorganic Biochemistry, 1988, 34, 265-275.	1.5	29
16	Platinum(II) and palladium(II) complexes with amino acid derivatives. Synthesis, interpretation of IR and 1H NMR spectra and conformational implications. Inorganica Chimica Acta, 1981, 55, 125-128.	1.2	28
17	Influence of ozone on traffic-related particulate matter on the generation of hydroxyl radicals through a heterogeneous synergistic effect. Journal of Hazardous Materials, 2009, 162, 886-892.	6.5	27
18	Plant Polyphenols. Studies in Natural Products Chemistry, 2013, 39, 269-295.	0.8	23

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19	Indoor Air Quality Measurements in the Chemistry Department Building of the University of Athens. Indoor and Built Environment, 2006, 15, 595-605.	1.5	17
20	A study of the synergistic interaction of asbestos fibers with cigarette tar extracts for the generation of hydroxyl radicals in aqueous buffer solution. Free Radical Biology and Medicine, 1996, 20, 853-858.	1.3	14
21	Corrigendum to: Determination of Selective Quinones and Quinoid Radicals in Airborne Particulate Matter and Vehicular Exhaust Particles. Environmental Chemistry, 2006, 3, 233.	0.7	9
22	The Role of Stable Free Radicals, Metals and PAHs of Airborne Particulate Matter in Mechanisms of Oxidative Stress and Carcinogenicity. Environmental Science and Engineering, 2010, , 411-426.	0.1	9
23	Potential toxicity and safety evaluation of nanomaterials for the respiratory system and lung cancer. Lung Cancer: Targets and Therapy, 2013, 4, 71.	1.3	8
24	Synthesis of S-2-aminoethyl-L-cysteine and S-2-aminoethyl-D,L-penicillamine complexes with Pt(II) and Pd(II). Interpretation of IR and 1H NMR spectra and conformational implications. Inorganica Chimica Acta, 1982, 66, 25-28.	1.2	7
25	Monitoring of ozone pollution and the physiological activity of Pinus halepensis (Mill.) by electron paramagnetic resonance and other parameters. Trees - Structure and Function, 2004, 18, 630-638.	0.9	3
26	Oxidative Stress and Pulmonary Carcinogenesis Through Mechanisms of Reactive Oxygen Species. How Respirable Particulate Matter, Fibrous Dusts, and Ozone Cause Pulmonary Inflammation and Initiate Lung Carcinogenesis. , 2019, , 247-265.		3