Verdin Anthony

List of Publications by Year in descending order

50 papers	2,428 citations	172457 29 h-index	197818 49 g-index
50 all docs	50 docs citations	50 times ranked	3196 citing authors

#	Article	IF	Citations
1	Toxicity of fine and quasi-ultrafine particles: Focus on the effects of organic extractable and non-extractable matter fractions. Chemosphere, 2020, 243, 125440.	8.2	28
2	Toxicological appraisal of the chemical fractions of ambient fine (PM2.5-0.3) and quasi-ultrafine (PM0.3) particles in human bronchial epithelial BEAS-2B cells. Environmental Pollution, 2020, 263, 114620.	7.5	22
3	Aided Phytoremediation to Clean Up Dioxins/Furans-Aged Contaminated Soil: correlation between microbial communities and pollutant dissipation. Microorganisms, 2019, 7, 523.	3.6	9
4	An in vitro model to evaluate the impact of environmental fine particles (PM0.3-2.5) on skin damage. Toxicology Letters, 2019, 305, 94-102.	0.8	25
5	Origanum syriacum Essential Oil Chemical Polymorphism According to Soil Type. Foods, 2019, 8, 90.	4.3	22
6	In vitro evaluation of organic extractable matter from ambient PM2.5 using human bronchial epithelial BEAS-2B cells: Cytotoxicity, oxidative stress, pro-inflammatory response, genotoxicity, and cell cycle deregulation. Environmental Research, 2019, 171, 510-522.	7.5	74
7	Physico-chemical characterization and inÂvitro inflammatory and oxidative potency of atmospheric particles collected in Dakar city's (Senegal). Environmental Pollution, 2019, 245, 568-581.	7.5	13
8	Polycyclic aromatic hydrocarbon derivatives in airborne particulate matter: sources, analysis and toxicity. Environmental Chemistry Letters, 2018, 16, 439-475.	16.2	141
9	Ecotoxicity evaluation and human risk assessment of an agricultural polluted soil. Environmental Monitoring and Assessment, 2018, 190, 738.	2.7	14
10	Influence of aging in the modulation of epigenetic biomarkers of carcinogenesis after exposure to air pollution. Experimental Gerontology, 2018, 110, 125-132.	2.8	9
11	Chemical characterization of fine and ultrafine PM, direct and indirect genotoxicity of PM and their organic extracts on pulmonary cells. Journal of Environmental Sciences, 2018, 71, 168-178.	6.1	35
12	Nature of fly ash amendments differently influences oxidative stress alleviation in four forest tree species and metal trace element phytostabilization in aged contaminated soil: A long-term field experiment. Ecotoxicology and Environmental Safety, 2017, 138, 190-198.	6.0	22
13	Fine and ultrafine atmospheric particulate matter at a multi-influenced urban site: Physicochemical characterization, mutagenicity and cytotoxicity. Environmental Pollution, 2017, 221, 130-140.	7.5	65
14	Characterisation and seasonal variations of particles in the atmosphere of rural, urban and industrial areas: Organic compounds. Journal of Environmental Sciences, 2016, 44, 45-56.	6.1	44
15	Essential oil components decrease pulmonary and hepatic cells inflammation induced by air pollution particulate matter. Environmental Chemistry Letters, 2016, 14, 345-351.	16.2	18
16	Chemical characteristics of PM 2.5â€“0.3 and PM 0.3 and consequence of a dust storm episode at an urban site in Lebanon. Atmospheric Research, 2016, 180, 274-286.	4.1	25
17	Sustainability of an in situ aided phytostabilisation on highly contaminated soils using fly ashes: Effects on the vertical distribution of physicochemical parameters and trace elements. Journal of Environmental Management, 2016, 171, 204-216.	7.8	16
18	In vitro short-term exposure to air pollution PM2.5-0.3 induced cell cycle alterations and genetic instability in a human lung cell coculture model. Environmental Research, 2016, 147, 146-158.	7.5	54

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19	Arbuscular mycorrhizal fungal inoculation protects MiscanthusÃ—giganteus against trace element toxicity in a highly metal-contaminated site. Science of the Total Environment, 2015, 527-528, 91-99.	8.0	56
20	Temporalâ€“spatial variations of the physicochemical characteristics of air pollution Particulate Matter (PM2.5â€“0.3) and toxicological effects in human bronchial epithelial cells (BEAS-2B). Environmental Research, 2015, 137, 256-267.	7.5	93
21	Effects of environmental cadmium and lead exposure on adults neighboring a discharge: Evidences of adverse health effects. Environmental Pollution, 2015, 206, 247-255.	7.5	67
22	Comparison between ultrafine and fine particulate matter collected in Lebanon: Chemical characterization, inÂvitro cytotoxic effects and metabolizing enzymes gene expression in human bronchial epithelial cells. Environmental Pollution, 2015, 205, 250-260.	7.5	32
23	Is the arbuscular mycorrhizal fungus Rhizophagus irregularis able to fulfil its life cycle in the presence of diesel pollution?. International Biodeterioration and Biodegradation, 2015, 105, 58-65.	3.9	13
24	Genotoxic and epigenotoxic effects of fine particulate matter from rural and urban sites in Lebanon on human bronchial epithelial cells. Environmental Research, 2015, 136, 352-362.	7.5	68
25	Xenobiotic metabolism induction and bulky DNA adducts generated by particulate matter pollution in BEAS-2B cell line: geographical and seasonal influence. Journal of Applied Toxicology, 2014, 34, 703-713.	2.8	31
26	Proinflammatory effects and oxidative stress within human bronchial epithelial cells exposed to atmospheric particulate matter (PM2.5 and PM>2.5) collected from Cotonou, Benin. Environmental Pollution, 2014, 185, 340-351.	7.5	136
27	Polycyclic aromatic hydrocarbons within airborne particulate matter (PM_{2.5}) produced DNA bulky stable adducts in a human lung cell coculture model. Journal of Applied Toxicology, 2013, 33, 109-119.	2.8	49
28	Relationship between physicochemical characterization and toxicity of fine particulate matter (PM2.5) collected in Dakar city (Senegal). Environmental Research, 2012, 113, 1-13.	7.5	69
29	Prooxidant and Proinflammatory Potency of Air Pollution Particulate Matter (PM_{2.5â€“0.3}) Produced in Rural, Urban, or Industrial Surroundings in Human Bronchial Epithelial Cells (BEAS-2B). Chemical Research in Toxicology, 2012, 25, 904-919.	3.3	118
30	Assessment of fly ash-aided phytostabilisation of highly contaminated soils after an 8-year field trial. Science of the Total Environment, 2011, 409, 4504-4510.	8.0	58
31	Influence of fly ash aided phytostabilisation of Pb, Cd and Zn highly contaminated soils on Lolium perenne and Trifolium repens metal transfer and physiological stress. Environmental Pollution, 2011, 159, 1721-1729.	7.5	60
32	Metabolic Activation of the Organic Fraction Coated-Onto Air Pollution PM_{2.5} and its Genotoxicity in a Co-Culture Model of Human Lung Cells. Advanced Materials Research, 2011, 324, 473-476.	0.3	0
33	Toxicological Impact of Air Pollution Particulate Matter (PM_{2.5}) Collected under Urban, Industrial or Rural Influence: Occurrence of Oxidative Stress and Inflammatory Reaction in BEAS-2B Human Bronchial Epithelial Cells (Corrected Version). Advanced Materials Research, 2011, 324, 489-492.	0.3	5
34	CaractÃ©risation physico-chimique et effets cytotoxiques de particules atmosphÃ©riques PM_{2,5}de la ville de Dakar (SÃ©nÃ©gal). Toxicologie Analytique Et Clinique, 2011, 23, 157-167.	0.1	11
35	Oxidative damage induced in A549 cells by physically and chemically characterized air particulate matter (PM_{2.5}) collected in Abidjan, CÃ´te d'Ivoire. Journal of Applied Toxicology, 2010, 30, 310-320.	2.8	56
36	Arbuscular mycorrhiza partially protect chicory roots against oxidative stress induced by two fungicides, fenpropimorph and fenhexamid. Mycorrhiza, 2010, 20, 167-178.	2.8	28

#	ARTICLE	IF	CITATIONS
37	Occurrence of molecular abnormalities of cell cycle in L132 cells after in vitro short-term exposure to air pollution PM2.5. Chemico-Biological Interactions, 2010, 188, 558-565.	4.0	26
38	Seasonal and annual variations of metal uptake, bioaccumulation, and toxicity in Trifolium repens and Lolium perenne growing in a heavy metal-contaminated field. Environmental Science and Pollution Research, 2009, 16, 42-53.	5.3	78
39	Mycorrhization alleviates benzo[a]pyrene-induced oxidative stress in an in vitro chicory root model. Phytochemistry, 2009, 70, 1421-1427.	2.9	57
40	Air pollution particulate matter (PM2.5)-induced gene expression of volatile organic compound and/or polycyclic aromatic hydrocarbon-metabolizing enzymes in an in vitro coculture lung model. Toxicology in Vitro, 2009, 23, 37-46.	2.4	52
41	Role of air pollution Particulate Matter (PM2.5) in the occurrence of loss of heterozygosity in multiple critical regions of 3p chromosome in human epithelial lung cells (L132). Toxicology Letters, 2009, 187, 172-179.	0.8	33
42	Gene expression induction of volatile organic compound and/or polycyclic aromatic hydrocarbon-metabolizing enzymes in isolated human alveolar macrophages in response to airborne particulate matter (PM2.5). Toxicology, 2008, 244, 220-230.	4.2	40
43	In vitro evaluation of the oxidative stress and genotoxic potentials of anthracene on mycorrhizal chicory roots. Environmental and Experimental Botany, 2008, 64, 120-127.	4.2	51
44	Genotoxic potential of Polycyclic Aromatic Hydrocarbons-coated onto airborne Particulate Matter (PM2.5) in human lung epithelial A549 cells. Cancer Letters, 2008, 270, 144-155.	7.2	90
45	Ambient particulate matter (PM2.5): Physicochemical characterization and metabolic activation of the organic fraction in human lung epithelial cells (A549). Environmental Research, 2007, 105, 212-223.	7.5	138
46	Role of nuclear factor-kappa B activation in the adverse effects induced by air pollution particulate matter (PM2.5) in human epithelial lung cells (L132) in culture. Journal of Applied Toxicology, 2007, 27, 284-290.	2.8	84
47	Effect of the high polycyclic aromatic hydrocarbon, benzo[a]pyrene, on the lipid content of Fusarium solani. Mycological Research, 2006, 110, 479-484.	2.5	10
48	Effect of the polycyclic aromatic hydrocarbon, benzopyrene, on the intracellular protein composition of Fusarium solani and Fusarium oxysporum. International Biodeterioration and Biodegradation, 2005, 55, 171-174.	3.9	5
49	Polycyclic aromatic hydrocarbons storage by Fusarium solani in intracellular lipid vesicles. Environmental Pollution, 2005, 133, 283-291.	7.5	70
50	Degradation of benzo[a]pyrene by mitosporic fungi and extracellular oxidative enzymes. International Biodeterioration and Biodegradation, 2004, 53, 65-70.	3.9	108