

Verdin Anthony

List of Publications by Year in descending order

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50
papers

2,428
citations

172207

29
h-index

197535

49
g-index

50
all docs

50
docs citations

50
times ranked

3196
citing authors

#	ARTICLE	IF	CITATIONS
1	Polycyclic aromatic hydrocarbon derivatives in airborne particulate matter: sources, analysis and toxicity. <i>Environmental Chemistry Letters</i> , 2018, 16, 439-475.	8.3	141
2	Ambient particulate matter (PM _{2.5}): Physicochemical characterization and metabolic activation of the organic fraction in human lung epithelial cells (A549). <i>Environmental Research</i> , 2007, 105, 212-223.	3.7	138
3	Proinflammatory effects and oxidative stress within human bronchial epithelial cells exposed to atmospheric particulate matter (PM _{2.5} and PM _{2.5}) collected from Cotonou, Benin. <i>Environmental Pollution</i> , 2014, 185, 340-351.	3.7	136
4	Prooxidant and Proinflammatory Potency of Air Pollution Particulate Matter (PM _{2.5}) Produced in Rural, Urban, or Industrial Surroundings in Human Bronchial Epithelial Cells (BEAS-2B). <i>Chemical Research in Toxicology</i> , 2012, 25, 904-919.	1.7	118
5	Degradation of benzo[a]pyrene by mitosporic fungi and extracellular oxidative enzymes. <i>International Biodeterioration and Biodegradation</i> , 2004, 53, 65-70.	1.9	108
6	Temporal-spatial variations of the physicochemical characteristics of air pollution Particulate Matter (PM _{2.5}) and toxicological effects in human bronchial epithelial cells (BEAS-2B). <i>Environmental Research</i> , 2015, 137, 256-267.	3.7	93
7	Genotoxic potential of Polycyclic Aromatic Hydrocarbons-coated onto airborne Particulate Matter (PM _{2.5}) in human lung epithelial A549 cells. <i>Cancer Letters</i> , 2008, 270, 144-155.	3.2	90
8	Role of nuclear factor-kappa B activation in the adverse effects induced by air pollution particulate matter (PM _{2.5}) in human epithelial lung cells (L132) in culture. <i>Journal of Applied Toxicology</i> , 2007, 27, 284-290.	1.4	84
9	Seasonal and annual variations of metal uptake, bioaccumulation, and toxicity in <i>Trifolium repens</i> and <i>Lolium perenne</i> growing in a heavy metal-contaminated field. <i>Environmental Science and Pollution Research</i> , 2009, 16, 42-53.	2.7	78
10	In vitro evaluation of organic extractable matter from ambient PM _{2.5} using human bronchial epithelial BEAS-2B cells: Cytotoxicity, oxidative stress, pro-inflammatory response, genotoxicity, and cell cycle deregulation. <i>Environmental Research</i> , 2019, 171, 510-522.	3.7	74
11	Polycyclic aromatic hydrocarbons storage by <i>Fusarium solani</i> in intracellular lipid vesicles. <i>Environmental Pollution</i> , 2005, 133, 283-291.	3.7	70
12	Relationship between physicochemical characterization and toxicity of fine particulate matter (PM _{2.5}) collected in Dakar city (Senegal). <i>Environmental Research</i> , 2012, 113, 1-13.	3.7	69
13	Genotoxic and epigenotoxic effects of fine particulate matter from rural and urban sites in Lebanon on human bronchial epithelial cells. <i>Environmental Research</i> , 2015, 136, 352-362.	3.7	68
14	Effects of environmental cadmium and lead exposure on adults neighboring a discharge: Evidences of adverse health effects. <i>Environmental Pollution</i> , 2015, 206, 247-255.	3.7	67
15	Fine and ultrafine atmospheric particulate matter at a multi-influenced urban site: Physicochemical characterization, mutagenicity and cytotoxicity. <i>Environmental Pollution</i> , 2017, 221, 130-140.	3.7	65
16	Influence of fly ash aided phytostabilisation of Pb, Cd and Zn highly contaminated soils on <i>Lolium perenne</i> and <i>Trifolium repens</i> metal transfer and physiological stress. <i>Environmental Pollution</i> , 2011, 159, 1721-1729.	3.7	60
17	Assessment of fly ash-aided phytostabilisation of highly contaminated soils after an 8-year field trial. <i>Science of the Total Environment</i> , 2011, 409, 4504-4510.	3.9	58
18	Mycorrhization alleviates benzo[a]pyrene-induced oxidative stress in an in vitro chicory root model. <i>Phytochemistry</i> , 2009, 70, 1421-1427.	1.4	57

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19	Oxidative damage induced in A549 cells by physically and chemically characterized air particulate matter (PM _{2.5}) collected in Abidjan, CÔte d'Ivoire. <i>Journal of Applied Toxicology</i> , 2010, 30, 310-320.	1.4	56
20	Arbuscular mycorrhizal fungal inoculation protects <i>Miscanthus</i> — <i>giganteus</i> against trace element toxicity in a highly metal-contaminated site. <i>Science of the Total Environment</i> , 2015, 527-528, 91-99.	3.9	56
21	In vitro short-term exposure to air pollution PM _{2.5} -0.3 induced cell cycle alterations and genetic instability in a human lung cell coculture model. <i>Environmental Research</i> , 2016, 147, 146-158.	3.7	54
22	Air pollution particulate matter (PM _{2.5})-induced gene expression of volatile organic compound and/or polycyclic aromatic hydrocarbon-metabolizing enzymes in an in vitro coculture lung model. <i>Toxicology in Vitro</i> , 2009, 23, 37-46.	1.1	52
23	In vitro evaluation of the oxidative stress and genotoxic potentials of anthracene on mycorrhizal chicory roots. <i>Environmental and Experimental Botany</i> , 2008, 64, 120-127.	2.0	51
24	Polycyclic aromatic hydrocarbons within airborne particulate matter (PM _{2.5}) produced DNA bulky stable adducts in a human lung cell coculture model. <i>Journal of Applied Toxicology</i> , 2013, 33, 109-119.	1.4	49
25	Characterisation and seasonal variations of particles in the atmosphere of rural, urban and industrial areas: Organic compounds. <i>Journal of Environmental Sciences</i> , 2016, 44, 45-56.	3.2	44
26	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 (PM _{2.5}). <i>Toxicology</i> , 2008, 244, 220-230.	2.0	40
27	Chemical characterization of fine and ultrafine PM, direct and indirect genotoxicity of PM and their organic extracts on pulmonary cells. <i>Journal of Environmental Sciences</i> , 2018, 71, 168-178.	3.2	35
28	Role of air pollution Particulate Matter (PM _{2.5}) in the occurrence of loss of heterozygosity in multiple critical regions of 3p chromosome in human epithelial lung cells (L132). <i>Toxicology Letters</i> , 2009, 187, 172-179.	0.4	33
29	Comparison between ultrafine and fine particulate matter collected in Lebanon: Chemical characterization, in vitro cytotoxic effects and metabolizing enzymes gene expression in human bronchial epithelial cells. <i>Environmental Pollution</i> , 2015, 205, 250-260.	3.7	32
30	Xenobiotic metabolism induction and bulky DNA adducts generated by particulate matter pollution in BEAS-2B cell line: geographical and seasonal influence. <i>Journal of Applied Toxicology</i> , 2014, 34, 703-713.	1.4	31
31	Arbuscular mycorrhiza partially protect chicory roots against oxidative stress induced by two fungicides, fenpropimorph and fenhexamid. <i>Mycorrhiza</i> , 2010, 20, 167-178.	1.3	28
32	Toxicity of fine and quasi-ultrafine particles: Focus on the effects of organic extractable and non-extractable matter fractions. <i>Chemosphere</i> , 2020, 243, 125440.	4.2	28
33	Occurrence of molecular abnormalities of cell cycle in L132 cells after in vitro short-term exposure to air pollution PM _{2.5} . <i>Chemico-Biological Interactions</i> , 2010, 188, 558-565.	1.7	26
34	Chemical characteristics of PM _{2.5} and PM _{0.3} and consequence of a dust storm episode at an urban site in Lebanon. <i>Atmospheric Research</i> , 2016, 180, 274-286.	1.8	25
35	An in vitro model to evaluate the impact of environmental fine particles (PM _{0.3-2.5}) on skin damage. <i>Toxicology Letters</i> , 2019, 305, 94-102.	0.4	25
36	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. <i>Ecotoxicology and Environmental Safety</i> , 2017, 138, 190-198.	2.9	22

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37	Origanum syriacum Essential Oil Chemical Polymorphism According to Soil Type. <i>Foods</i> , 2019, 8, 90.	1.9	22
38	Toxicological appraisal of the chemical fractions of ambient fine (PM _{2.5-0.3}) and quasi-ultrafine (PM _{0.3}) particles in human bronchial epithelial BEAS-2B cells. <i>Environmental Pollution</i> , 2020, 263, 114620.	3.7	22
39	Essential oil components decrease pulmonary and hepatic cells inflammation induced by air pollution particulate matter. <i>Environmental Chemistry Letters</i> , 2016, 14, 345-351.	8.3	18
40	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. <i>Journal of Environmental Management</i> , 2016, 171, 204-216.	3.8	16
41	Ecotoxicity evaluation and human risk assessment of an agricultural polluted soil. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 738.	1.3	14
42	Is the arbuscular mycorrhizal fungus <i>Rhizophagus irregularis</i> able to fulfil its life cycle in the presence of diesel pollution?. <i>International Biodeterioration and Biodegradation</i> , 2015, 105, 58-65.	1.9	13
43	Physico-chemical characterization and in vitro inflammatory and oxidative potency of atmospheric particles collected in Dakar city's (Senegal). <i>Environmental Pollution</i> , 2019, 245, 568-581.	3.7	13
44	Caractérisation physico-chimique et effets cytotoxiques de particules atmosphériques PM _{2,5} de la ville de Dakar (Sénégal). <i>Toxicologie Analytique Et Clinique</i> , 2011, 23, 157-167.	0.1	11
45	Effect of the high polycyclic aromatic hydrocarbon, benzo[a]pyrene, on the lipid content of <i>Fusarium solani</i> . <i>Mycological Research</i> , 2006, 110, 479-484.	2.5	10
46	Influence of aging in the modulation of epigenetic biomarkers of carcinogenesis after exposure to air pollution. <i>Experimental Gerontology</i> , 2018, 110, 125-132.	1.2	9
47	Aided Phytoremediation to Clean Up Dioxins/Furans-Aged Contaminated Soil: correlation between microbial communities and pollutant dissipation. <i>Microorganisms</i> , 2019, 7, 523.	1.6	9
48	Effect of the polycyclic aromatic hydrocarbon, benzopyrene, on the intracellular protein composition of <i>Fusarium solani</i> and <i>Fusarium oxysporum</i> . <i>International Biodeterioration and Biodegradation</i> , 2005, 55, 171-174.	1.9	5
49	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). <i>Advanced Materials Research</i> , 2011, 324, 489-492.	0.3	5
50	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. <i>Advanced Materials Research</i> , 2011, 324, 473-476.	0.3	0