Chia-Hua Lin

List of Publications by Year
in descending order

47	1,790	394286 19	276775 41
papers	citations	h-index	g-index

52	52	52	3002
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adverse pulmonary impacts of environmental concentrations of oil mist particulate matter in normal human bronchial epithelial cell. Science of the Total Environment, 2022, 809, 151119.	3.9	7
2	The nephrotoxic potential of polystyrene microplastics at realistic environmental concentrations. Journal of Hazardous Materials, 2022, 427, 127871.	6.5	29
3	Selective conversion of hydroxymethylfurfural to diformylfuran using copper hydroxide nitrate with various nano-structures: a comparative study. Sustainable Energy and Fuels, 2022, 6, 276-288.	2.5	0
4	Source apportionment and health effects of particle-bound metals in PM2.5 near a precision metal machining factory. Air Quality, Atmosphere and Health, 2022, 15, 605-617.	1.5	7
5	The impact of pyrolysis temperature on physicochemical properties and pulmonary toxicity of tobacco stem micro-biochar. Chemosphere, 2021, 263, 128349.	4.2	8
6	InÂvitro renal toxicity evaluation of copper-based metalâ€“organic framework HKUST-1 on human embryonic kidney cells. Environmental Pollution, 2021, 273, 116528.	3.7	18
7	Pulmonary toxicity of actual alveolar deposition concentrations of ultrafine particulate matters in human normal bronchial epithelial cell. Environmental Science and Pollution Research, 2021, 28, 50179-50187.	2.7	5
8	Purification and Identification of Cholesterol Micelle Formation Inhibitory Peptides of Hydrolysate from High Hydrostatic Pressure-Assisted Protease Hydrolysis of Fermented Seabass Byproduct. International Journal of Molecular Sciences, 2021, 22, 5295.	1.8	11
9	Iron Hydroxide/Oxide-Reduced Graphene Oxide Nanocomposite for Dual-Modality Photodynamic and Photothermal Therapy In Vitro and In Vivo. Nanomaterials, 2021, 11, 1947.	1.9	12
10	Polystyrene microplastic particles: In vitro pulmonary toxicity assessment. Journal of Hazardous Materials, 2020, 385, 121575.	6.5	287
11	TEMPO-Functionalized Silica as an Efficient and Recyclable Oxidation Catalyst for Conversion of a Lignin Model Compound to Value-Added Products. Waste and Biomass Valorization, 2020, 11, 6917-6928.	1.8	12
12	PM2.5 collecting in a tire manufacturing plant affects epithelial differentiation of human umbilical cord derived mesenchymal stem cells by Wnt/Î²-catenin pathway. Chemosphere, 2020, 244, 125441.	4.2	4
13	Preparation of Multifunctional Dopamine-Coated Zerovalent Iron/Reduced Graphene Oxide for Targeted Phototheragnosis in Breast Cancer. Nanomaterials, 2020, 10, 1957.	1.9	18
14	Cobalt-based coordination polymer-derived hexagonal porous cobalt oxide nanoplate as an enhanced catalyst for hydrogen generation from hydrolysis of borohydride. International Journal of Hydrogen Energy, 2020, 45, 31952-31962.	3.8	12
15	Dopamineâ€Modified Zeroâ€Valent Iron Nanoparticles for Dualâ€Modality Photothermal and Photodynamic Breast Cancer Therapy. ChemMedChem, 2020, 15, 1645-1651.	1.6	9
16	Comparative health risk of inhaled exposure to organic solvents, toxic metals, and hexavalent chromium from the use of spray paints in Taiwan. Environmental Science and Pollution Research, 2019, 26, 33906-33916.	2.7	18
17	Photoinduced antibacterial activity of NRC03 peptide-conjugated dopamine/nano-reduced graphene oxide against Staphylococcus aureusâ€. Photochemical and Photobiological Sciences, 2019, 18, 2442-2448.	1.6	7
18	Selective aerobic oxidation of 5-hydroxymethylfurfural to 2,5-diformylfuran catalyzed by Cu-based metal organic frameworks with 2,2,6,6-tetramethylpiperidin-oxyl. Journal of the Taiwan Institute of Chemical Engineers, 2019, 102, 242-249.	2.7	17

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19	Environmental concentration of spray paint particulate matters causes pulmonary dysfunction in human normal bronchial epithelial BEAS-2B cell. Chemical Engineering Research and Design, 2019, 126, 250-258.	2.7	13
20	Homogeneously alloyed nanoparticles of immiscible Agâ€“Cu with ultrahigh antibacterial activity. Colloids and Surfaces B: Biointerfaces, 2019, 180, 466-472.	2.5	31
21	Assessment of the pulmonary toxic potential of nano-tobacco stem-pyrolyzed biochars. Environmental Science: Nano, 2019, 6, 1527-1535.	2.2	16
22	Enhanced Efficient NIR Photothermal Therapy Using Pleurocidin NRC-03 Peptide-Conjugated Dopamine-Modified Reduced Graphene Oxide Nanocomposite. ACS Omega, 2019, 4, 3298-3305.	1.6	18
23	Effects of heavy metals on health risk and characteristic in surrounding atmosphere of tire manufacturing plant, Taiwan. RSC Advances, 2018, 8, 3041-3050.	1.7	19
24	The effect of surface charge on the cytotoxicity and uptake of carbon quantum dots in human umbilical cord derived mesenchymal stem cells. Colloids and Surfaces B: Biointerfaces, 2018, 171, 241-249.	2.5	53
25	Antibacterial Activity of Emulsified Pomelo (Citrus grandis Osbeck) Peel Oil and Water-Soluble Chitosan on Staphylococcus aureus and Escherichia coli. Molecules, 2018, 23, 840.	1.7	19
26	Consecutive evaluation of graphene oxide and reduced graphene oxide nanoplatelets immunotoxicity on monocytes. Colloids and Surfaces B: Biointerfaces, 2017, 153, 300-309.	2.5	39
27	Carbon black aggregates cause endothelial dysfunction by activating ROCK. Journal of Hazardous Materials, 2017, 338, 66-75.	6.5	17
28	Industrial PM2.5 cause pulmonary adverse effect through RhoA/ROCK pathway. Science of the Total Environment, 2017, 599-600, 1658-1666.	3.9	33
29	ROCK inhibitor Y-27632 attenuated early endothelial dysfunction caused by occupational environmental concentrations of carbon black nanoparticles. Environmental Science: Nano, 2017, 4, 1525-1533.	2.2	9
30	Respiratory deposition and health risk of inhalation of particle-bound heavy metals in the carbon black feeding area of a tire manufacturer. Air Quality, Atmosphere and Health, 2017, 10, 1281-1289.	1.5	24
31	Improved Anticancer Photothermal Therapy Using the Bystander Effect Enhanced by Antiarrhythmic Peptide Conjugated Dopamineâ€Modified Reduced Graphene Oxide Nanocomposite. Advanced Healthcare Materials, 2017, 6, 1600804.	3.9	49
32	Genetic polymorphisms in APE1 Asp148Glu(rs3136820) as a modifier of the background levels of abasic sites in human leukocytes derived from breast cancer patients and controls. Breast Cancer, 2017, 24, 420-426.	1.3	3
33	Polycyclic aromatic hydrocarbons are associated with increased risk of chronic obstructive pulmonary disease during haze events in China. Science of the Total Environment, 2017, 574, 1649-1658.	3.9	57
34	Carbon Dot-Mediated Synthesis of Manganese Oxide Decorated Graphene Nanosheets for Supercapacitor Application. ACS Sustainable Chemistry and Engineering, 2016, 4, 3008-3016.	3.2	104
35	Synthesis of Selfâ€Assembled Spermidineâ€Carbon Quantum Dots Effective against Multidrugâ€Resistant Bacteria. Advanced Healthcare Materials, 2016, 5, 2545-2554.	3.9	151
36	Nano zerovalent iron particles induce pulmonary and cardiovascular toxicity in anin vitrohuman co-culture model. Nanotoxicology, 2016, 10, 881-890.	1.6	29

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37	Photothermal Therapeutic Response of Cancer Cells to Aptamerâ€“Gold Nanoparticle-Hybridized Graphene Oxide under NIR Illumination. ACS Applied Materials & Interfaces, 2015, 7, 5097-5106.	4.0	199
38	One-step synthesis of biofunctional carbon quantum dots for bacterial labeling. Biosensors and Bioelectronics, 2015, 68, 1-6.	5.3	141
39	Immobilization of iron hydroxide/oxide on reduced graphene oxide: peroxidase-like activity and selective detection of sulfide ions. RSC Advances, 2014, 4, 37705.	1.7	30
40	Electronic microscopy evidence for mitochondria as targets for Cd/Se/Teâ€based quantum dot 705 toxicity inâ€‰vivo. Kaohsiung Journal of Medical Sciences, 2012, 28, S53-62.	0.8	16
41	Cd/Se/Te-based quantum dot 705 modulated redox homeostasis with hepatotoxicity in mice. Nanotoxicology, 2011, 5, 650-663.	1.6	47
42	The chemical fate of the Cd/Se/Te-based quantum dot 705 in the biological system: toxicity implications. Nanotechnology, 2009, 20, 215101.	1.3	66
43	Protective role of estrogen receptor-alpha on lower chlorinated PCB congener-induced DNA damage and repair in human tumoral breast cells. Toxicology Letters, 2009, 188, 11-19.	0.4	17
44	Disparity in the induction of glutathione depletion, ROS formation, poly(ADP-ribose) polymerase-1 activation, and apoptosis by quinonoid derivatives of naphthalene in human cultured cells. Chemico-Biological Interactions, 2007, 165, 200-210.	1.7	19
45	Induction of ROS formation, poly(ADP-ribose) polymerase-1 activation, and cell death by PCB126 and PCB153 in human T47D and MDA-MB-231 breast cancer cells. Chemico-Biological Interactions, 2006, 162, 181-194.	1.7	32
46	Effects of Naphthalene Quinonoids on the Induction of Oxidative DNA Damage and Cytotoxicity in Calf Thymus DNA and in Human Cultured Cells. Chemical Research in Toxicology, 2005, 18, 1262-1270.	1.7	32
47	Induction of Cytotoxicity, Aldehydic DNA Lesions, and Poly(ADP-Ribose) Polymerase-1 Activation by Catechol Derivatives of Pentachlorophenol in Calf Thymus DNA and in Human Breast Cancer Cells. Chemical Research in Toxicology, 2005, 18, 257-264.	1.7	18