

Ting Wang

List of Publications by Year in descending order

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31
papers

1,642
citations

331670

21
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

2451
citing authors

#	ARTICLE	IF	CITATIONS
1	Air pollution in China: Status and spatiotemporal variations. <i>Environmental Pollution</i> , 2017, 227, 334-347.	7.5	494
2	Particulate Matter Disrupts Human Lung Endothelial Barrier Integrity via ROS- and p38 MAPK-Dependent Pathways. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 42, 442-449.	2.9	85
3	Occurrence of benzothiazole and its derivatives in tire wear, road dust, and roadside soil. <i>Chemosphere</i> , 2018, 201, 310-317.	8.2	80
4	The immobilization of heavy metals in soil by bioaugmentation of a UV-mutant <i>Bacillus subtilis</i> 38 assisted by NovoGro biostimulation and changes of soil microbial community. <i>Journal of Hazardous Materials</i> , 2014, 278, 483-490.	12.4	73
5	Small-diameter hybrid vascular grafts composed of polycaprolactone and polydioxanone fibers. <i>Scientific Reports</i> , 2017, 7, 3615.	3.3	72
6	Functional Modification of Electrospun Poly(μ -caprolactone) Vascular Grafts with the Fusion Protein VEGF-HGFI Enhanced Vascular Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11415-11427.	8.0	72
7	Heavy-duty diesel vehicles dominate vehicle emissions in a tunnel study in northern China. <i>Science of the Total Environment</i> , 2018, 637-638, 431-442.	8.0	66
8	The effect of hypoxia-mimicking responses on improving the regeneration of artificial vascular grafts. <i>Biomaterials</i> , 2021, 271, 120746.	11.4	61
9	Vehicular non-exhaust particulate emissions in Chinese megacities: Source profiles, real-world emission factors, and inventories. <i>Environmental Pollution</i> , 2020, 266, 115268.	7.5	57
10	Past and future trends of vehicle emissions in Tianjin, China, from 2000 to 2030. <i>Atmospheric Environment</i> , 2019, 209, 182-191.	4.1	49
11	Adsorption of heavy metals from aqueous solution by UV-mutant <i>Bacillus subtilis</i> loaded on biochars derived from different stock materials. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 285-292.	6.0	48
12	Characterization of PM _{2.5} -bound polycyclic aromatic hydrocarbons and their derivatives (nitro-and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 225, 43-52.	8.2	48
13	Biosorption of heavy metals from aqueous solution by UV-mutant <i>Bacillus subtilis</i> . <i>Environmental Science and Pollution Research</i> , 2013, 20, 7450-7463.	5.3	47
14	Evaluation of biochars from different stock materials as carriers of bacterial strain for remediation of heavy metal-contaminated soil. <i>Scientific Reports</i> , 2017, 7, 12114.	3.3	46
15	Vehicle emissions in a middle-sized city of China: Current status and future trends. <i>Environment International</i> , 2020, 137, 105514.	10.0	46
16	Highly Bright AIE Nanoparticles by Regulating the Substituent of Rhodanine for Precise Early Detection of Atherosclerosis and Drug Screening. <i>Advanced Materials</i> , 2022, 34, e2106994.	21.0	40
17	Assessment of combustion and emission behavior of corn straw biochar briquette fuels under different temperatures. <i>Journal of Environmental Management</i> , 2019, 250, 109399.	7.8	38
18	Evaluation of the potential of pelletized biomass from different municipal solid wastes for use as solid fuel. <i>Waste Management</i> , 2018, 74, 260-266.	7.4	33

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19	Mechanically reinforced biotubes for arterial replacement and arteriovenous grafting inspired by architectural engineering. <i>Science Advances</i> , 2022, 8, eabl3888.	10.3	31
20	Characterization of PM _{2.5} -bound nitrated and oxygenated polycyclic aromatic hydrocarbons in ambient air of Langfang during periods with and without traffic restriction. <i>Atmospheric Research</i> , 2018, 213, 302-308.	4.1	25
21	Emission characteristics and temporal variation of PAHs and their derivatives from an ocean-going cargo vessel. <i>Chemosphere</i> , 2020, 249, 126194.	8.2	22
22	Prophylactic and therapeutic effects of different doses of vitamin C on high-fat-diet-induced non-alcoholic fatty liver disease in mice. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110792.	5.6	20
23	Refueling emission of volatile organic compounds from China 6 gasoline vehicles. <i>Science of the Total Environment</i> , 2021, 789, 147883.	8.0	13
24	Determining factors and parameterization of brake wear particle emission. <i>Journal of Hazardous Materials</i> , 2022, 434, 128856.	12.4	13
25	Research on biochar via a comprehensive scientometric approach. <i>RSC Advances</i> , 2018, 8, 28700-28709.	3.6	11
26	Control of NO _x emissions by air staging in small- and medium-scale biomass pellet boilers. <i>Environmental Science and Pollution Research</i> , 2019, 26, 9717-9729.	5.3	11
27	Progress in research on effect of PM _{2.5} on occurrence and development of atherosclerosis. <i>Journal of Applied Toxicology</i> , 2021, 41, 668-682.	2.8	11
28	Traffic-related metrics and adverse birth outcomes: A systematic review and meta-analysis. <i>Environmental Research</i> , 2020, 188, 109752.	7.5	9
29	Validation of PM _{2.5} model particle through physicochemical evaluation and atherosclerotic plaque formation in ApoE ^{-/-} mice. <i>Ecotoxicology and Environmental Safety</i> , 2020, 192, 110308.	6.0	8
30	Machine Learning Predicts Emissions of Brake Wear PM _{2.5} : Model Construction and Interpretation. <i>Environmental Science and Technology Letters</i> , 2022, 9, 352-358.	8.7	8
31	A simple device for simulating skin adsorption of polycyclic aromatic hydrocarbons: design and application. <i>Environmental Science and Pollution Research</i> , 0, , .	5.3	0