# Ting Wang

List of Publications by Year
in descending order

| 31 | 1,642 | 331670 | 414414 |
|----|-------|--------|--------|
| papers | citations | 21 | 32 |
| | | h-index | g-index |

| 35 | 35 | 35 | 2451 |
|----|----|----|------|
| all docs | docs citations | times ranked | citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------| 
| 1 | Highly Bright AIE Nanoparticles by Regulating the Substituent of Rhodanine for Precise Early Detection of Atherosclerosis and Drug Screening. Advanced Materials, 2022, 34, e2106994. | 21.0 | 40 |
| 2 | Machine Learning Predicts Emissions of Brake Wear $PM_{2.5}$: Model Construction and Interpretation. Environmental Science and Technology Letters, 2022, 9, 352-358. | 8.7 | 8 |
| 3 | Mechanically reinforced biotubes for arterial replacement and arteriovenous grafting inspired by architectural engineering. Science Advances, 2022, 8, eabl3888. | 10.3 | 31 |
| 4 | Determining factors and parameterization of brake wear particle emission. Journal of Hazardous Materials, 2022, 434, 128856. | 12.4 | 13 |
| 5 | Progress in research on effect of $PM_{2.5}$ on occurrence and development of atherosclerosis. Journal of Applied Toxicology, 2021, 41, 668-682. | 2.8 | 11 |
| 6 | The effect of hypoxia-mimicking responses on improving the regeneration of artificial vascular grafts. Biomaterials, 2021, 271, 120746. | 11.4 | 61 |
| 7 | Refueling emission of volatile organic compounds from China 6 gasoline vehicles. Science of the Total Environment, 2021, 789, 147883. | 8.0 | 13 |
| 8 | Vehicular non-exhaust particulate emissions in Chinese megacities: Source profiles, real-world emission factors, and inventories. Environmental Pollution, 2020, 266, 115268. | 7.5 | 57 |
| 9 | Prophylactic and therapeutic effects of different doses of vitamin C on high-fat-diet-induced non-alcoholic fatty liver disease in mice. Biomedicine and Pharmacotherapy, 2020, 131, 110792. | 5.6 | 20 |
| 10 | Traffic-related metrics and adverse birth outcomes: A systematic review and meta-analysis. Environmental Research, 2020, 188, 109752. | 7.5 | 9 |
| 11 | Emission characteristics and temporal variation of PAHs and their derivatives from an ocean-going cargo vessel. Chemosphere, 2020, 249, 126194. | 8.2 | 22 |
| 12 | Vehicle emissions in a middle-sized city of China: Current status and future trends. Environment International, 2020, 137, 105514. | 10.0 | 46 |
| 13 | Validation of PM2.5 model particle through physicochemical evaluation and atherosclerotic plaque formation in ApoE-/- mice. Ecotoxicology and Environmental Safety, 2020, 192, 110308. | 6.0 | 8 |
| 14 | Assessment of combustion and emission behavior of corn straw biochar briquette fuels under different temperatures. Journal of Environmental Management, 2019, 250, 109399. | 7.8 | 38 |
| 15 | Characterization of PM2.5-bound polycyclic aromatic hydrocarbons and their derivatives (nitro-and) Tj ETQq1 1 0.784314 rgBT /Overl 225, 43-52. | 8.2 | 48 |
| 16 | Past and future trends of vehicle emissions in Tianjin, China, from 2000 to 2030. Atmospheric Environment, 2019, 209, 182-191. | 4.1 | 49 |
| 17 | Control of NOx emissions by air staging in small- and medium-scale biomass pellet boilers. Environmental Science and Pollution Research, 2019, 26, 9717-9729. | 5.3 | 11 |
| 18 | Occurrence of benzothiazole and its derivates in tire wear, road dust, and roadside soil. Chemosphere, 2018, 201, 310-317. | 8.2 | 80 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Evaluation of the potential of pelletized biomass from different municipal solid wastes for use as solid fuel. Waste Management, 2018, 74, 260-266. | 7.4 | 33 |
| 20 | Adsorption of heavy metals from aqueous solution by UV-mutant Bacillus subtilis loaded on biochars derived from different stock materials. Ecotoxicology and Environmental Safety, 2018, 148, 285-292. | 6.0 | 48 |
| 21 | Heavy-duty diesel vehicles dominate vehicle emissions in a tunnel study in northern China. Science of the Total Environment, 2018, 637-638, 431-442. | 8.0 | 66 |
| 22 | Characterization of PM2.5-bound nitrated and oxygenated polycyclic aromatic hydrocarbons in ambient air of Langfang during periods with and without traffic restriction. Atmospheric Research, 2018, 213, 302-308. | 4.1 | 25 |
| 23 | Research on biochar<i>via</i>a comprehensive scientometric approach. RSC Advances, 2018, 8, 28700-28709. | 3.6 | 11 |
| 24 | Air pollution in China: Status and spatiotemporal variations. Environmental Pollution, 2017, 227, 334-347. | 7.5 | 494 |
| 25 | Small-diameter hybrid vascular grafts composed of polycaprolactone and polydioxanone fibers. Scientific Reports, 2017, 7, 3615. | 3.3 | 72 |
| 26 | Functional Modification of Electrospun Poly(Îµ-caprolactone) Vascular Grafts with the Fusion Protein VEGFâ€"HGFI Enhanced Vascular Regeneration. ACS Applied Materials &amp; Interfaces, 2017, 9, 11415-11427. | 8.0 | 72 |
| 27 | Evaluation of biochars from different stock materials as carriers of bacterial strain for remediation of heavy metal-contaminated soil. Scientific Reports, 2017, 7, 12114. | 3.3 | 46 |
| 28 | The immobilization of heavy metals in soil by bioaugmentation of a UV-mutant Bacillus subtilis 38 assisted by NovoGro biostimulation and changes of soil microbial community. Journal of Hazardous Materials, 2014, 278, 483-490. | 12.4 | 73 |
| 29 | Biosorption of heavy metals from aqueous solution by UV-mutant Bacillus subtilis. Environmental Science and Pollution Research, 2013, 20, 7450-7463. | 5.3 | 47 |
| 30 | Particulate Matter Disrupts Human Lung Endothelial Barrier Integrity via ROS- and p38 MAPKâ€"Dependent Pathways. American Journal of Respiratory Cell and Molecular Biology, 2010, 42, 442-449. | 2.9 | 85 |
| 31 | A simple device for simulating skin adsorption of polycyclic aromatic hydrocarbons: design and application. Environmental Science and Pollution Research, 0, , . | 5.3 | 0 |