

# Tong-Tong Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

584  
citations

643344

15  
h-index

1051228

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

550  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel synthesis of multicomponent porous nano-hybrid composite, theoretical investigation using DFT and dye adsorption applications: disposing of waste with waste. <i>Environmental Science and Pollution Research</i> , 2023, 30, 8928-8955.	2.7	36
2	Visible-light-driven photocatalytic degradation of dye and antibiotics by activated biochar composited with K <sup>+</sup> doped g-C <sub>3</sub> N <sub>4</sub> : Effects, mechanisms, actual wastewater treatment and disinfection. <i>Science of the Total Environment</i> , 2022, 839, 155955.	3.9	52
3	Facile synthesis of activated biochar/BiVO <sub>4</sub> heterojunction photocatalyst to enhance visible light efficient degradation for dye and antibiotics: applications and mechanisms. <i>Journal of Materials Research and Technology</i> , 2022, 19, 5017-5036.	2.6	18
4	Adsorption characteristics and mechanisms of Pb <sup>2+</sup> and Cd <sup>2+</sup> by a new agricultural waste "Caragana korshinskii biomass derived biochar. <i>Environmental Science and Pollution Research</i> , 2021, 28, 13800-13818.	2.7	32
5	Clinical Significance of TP53 Abnormalities in Newly Diagnosed Multiple Myeloma. <i>Turkish Journal of Haematology</i> , 2021, 38, 246-253.	0.2	0
6	Enhanced ammonium removal on biochar from a new forestry waste by ultrasonic activation: Characteristics, mechanisms and evaluation. <i>Science of the Total Environment</i> , 2021, 778, 146295.	3.9	41
7	Enhanced nitrate removal by physical activation and Mg/Al layered double hydroxide modified biochar derived from wood waste: Adsorption characteristics and mechanisms. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105184.	3.3	38
8	Effect of three artificial aging techniques on physicochemical properties and Pb adsorption capacities of different biochars. <i>Science of the Total Environment</i> , 2020, 699, 134223.	3.9	87
9	Changes in biochar properties in typical loess soil under a 5-year field experiment. <i>Journal of Soils and Sediments</i> , 2020, 20, 340-351.	1.5	24
10	The Eco-Friendly Biochar and Valuable Bio-Oil from <i>Caragana korshinskii</i> : Pyrolysis Preparation, Characterization, and Adsorption Applications. <i>Materials</i> , 2020, 13, 3391.	1.3	25
11	Utilization of Jujube Biomass to Prepare Biochar by Pyrolysis and Activation: Characterization, Adsorption Characteristics, and Mechanisms for Nitrogen. <i>Materials</i> , 2020, 13, 5594.	1.3	17
12	Phosphorus recovery by core-shell $\gamma$ -Al <sub>2</sub> O <sub>3</sub> /Fe <sub>3</sub> O <sub>4</sub> biochar composite from aqueous phosphate solutions. <i>Science of the Total Environment</i> , 2020, 729, 138892.	3.9	68
13	Synthesis of a novel magnetic <i>Caragana korshinskii</i> biochar/Mg-Al layered double hydroxide composite and its strong adsorption of phosphate in aqueous solutions. <i>RSC Advances</i> , 2019, 9, 18641-18651.	1.7	52
14	Effects of biochar addition on evaporation in the five typical Loess Plateau soils. <i>Catena</i> , 2018, 162, 29-39.	2.2	50
15	Applicability of five models to simulate water infiltration into soil with added biochar. <i>Journal of Arid Land</i> , 2017, 9, 701-711.	0.9	24
16	Modeling the biomass of energy crops: Descriptions, strengths and prospective. <i>Journal of Integrative Agriculture</i> , 2017, 16, 1197-1210.	1.7	19