

# Ke Tian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11946252/publications.pdf>

Version: 2024-02-01

19  
papers

1,703  
citations

430874

18  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2609  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation on the Evolution of N-Containing Organic Compounds during Pyrolysis of Sewage Sludge. <i>Environmental Science &amp; Technology</i> , 2014, 48, 10888-10896.	10.0	223
2	Mesoporous Carbon Stabilized MgO Nanoparticles Synthesized by Pyrolysis of MgCl <sub>2</sub> Preloaded Waste Biomass for Highly Efficient CO <sub>2</sub> Capture. <i>Environmental Science &amp; Technology</i> , 2013, 47, 9397-9403.	10.0	204
3	High-Yield Harvest of Nanofibers/Mesoporous Carbon Composite by Pyrolysis of Waste Biomass and Its Application for High Durability Electrochemical Energy Storage. <i>Environmental Science &amp; Technology</i> , 2014, 48, 13951-13959.	10.0	173
4	Facile synthesis of highly efficient and recyclable magnetic solid acid from biomass waste. <i>Scientific Reports</i> , 2013, 3, 2419.	3.3	140
5	Selectively Improving the Bio-Oil Quality by Catalytic Fast Pyrolysis of Heavy-Metal-Polluted Biomass: Take Copper (Cu) as an Example. <i>Environmental Science &amp; Technology</i> , 2012, 46, 7849-7856.	10.0	138
6	Harvest of Cu NP anchored magnetic carbon materials from Fe/Cu preloaded biomass: their pyrolysis, characterization, and catalytic activity on aqueous reduction of 4-nitrophenol. <i>Green Chemistry</i> , 2014, 16, 4198.	9.0	135
7	Preparation of N-Doped Supercapacitor Materials by Integrated Salt Templating and Silicon Hard Templating by Pyrolysis of Biomass Wastes. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 6682-6691.	6.7	105
8	One-pot synthesis of Ni@NiFe <sub>2</sub> O <sub>4</sub> /carbon nanofiber composites from biomass for selective hydrogenation of aromatic nitro compounds. <i>Green Chemistry</i> , 2015, 17, 821-826.	9.0	100
9	Comparative Investigation on Photoreactivity and Mechanism of Biogenic and Chemosynthetic Ag/C <sub>3</sub> N <sub>4</sub> Composites under Visible Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 269-276.	6.7	76
10	Improvement of phenol photodegradation efficiency by a combined g-C <sub>3</sub> N <sub>4</sub> /Fe(III)/persulfate system. <i>Chemosphere</i> , 2016, 148, 34-40.	8.2	74
11	Preparation of liquid chemical feedstocks by co-pyrolysis of electronic waste and biomass without formation of polybrominated dibenzo-p-dioxins. <i>Bioresource Technology</i> , 2013, 128, 1-7.	9.6	67
12	Use of Nutrient Rich Hydrophytes to Create N,P-Dually Doped Porous Carbon with Robust Energy Storage Performance. <i>Environmental Science &amp; Technology</i> , 2016, 50, 12421-12428.	10.0	52
13	One-pot synthesis of a carbon supported bimetallic Cu@Ag NPs catalyst for robust catalytic hydroxylation of benzene to phenol by fast pyrolysis of biomass waste. <i>Green Chemistry</i> , 2016, 18, 5643-5650.	9.0	51
14	Lab-scale thermal analysis of electronic waste plastics. <i>Journal of Hazardous Materials</i> , 2016, 310, 217-225.	12.4	42
15	Transformation and kinetics of chlorine-containing products during pyrolysis of plastic wastes. <i>Chemosphere</i> , 2021, 284, 131348.	8.2	31
16	Ultra-high capacity and selective immobilization of Pb through crystal growth of hydroxypyromorphite on amino-functionalized hydrochar. <i>Journal of Materials Chemistry A</i> , 2015, 3, 9843-9850.	10.3	30
17	Preparation of high performance supercapacitor materials by fast pyrolysis of corn gluten meal waste. <i>Sustainable Energy and Fuels</i> , 2017, 1, 891-898.	4.9	28
18	Significant enhancement of photoreactivity of graphitic carbon nitride catalysts under acidic conditions and the underlying H <sup>+</sup> -mediated mechanism. <i>Chemosphere</i> , 2015, 141, 127-133.	8.2	22

#	ARTICLE	IF	CITATIONS
19	Improving Capacitance by Introducing Nitrogen Species and Defects into Graphene. ChemElectroChem, 2015, 2, 859-866.	3.4	12