

# Xu Zhang

## List of Publications by Year in descending order

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25  
papers

130  
citations

1684188

5  
h-index

1372567

10  
g-index

25  
all docs

25  
docs citations

25  
times ranked

173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper niobate nanowires immobilized on reduced graphene oxide nanosheets as rate capability anode for lithium ion capacitor. Journal of Colloid and Interface Science, 2021, 583, 652-660.	9.4	9
2	Air Quality Prediction Model Based on Spatiotemporal Data Analysis and Metalearning. Wireless Communications and Mobile Computing, 2021, 2021, 1-11.	1.2	5
3	Optimal Placement of Base Stations in Falling Point Measurement at Sea. , 2020, , .		1
4	An Improved Tracking Algorithm for Occlusion Problem Based on STAPLE. , 2020, , .		0
5	A novel <i>calendula</i> -like MnNb <sub>2</sub> O <sub>6</sub> anchored on graphene sheet as high-performance intercalation pseudocapacitive anode for lithium-ion capacitors. Journal of Materials Chemistry A, 2019, 7, 2855-2863.	10.3	35
6	Freestanding 3D Polypyrrole@reduced graphene oxide hydrogels as binder-free electrode materials for flexible asymmetric supercapacitors. Journal of Colloid and Interface Science, 2019, 536, 291-299.	9.4	39
7	Measurement of Bubble Flow Frequency in Chemical Processes Using an Optical Fiber Sensor. , 2018, , .		2
8	An Optical Fiber Sensor Based on La <sub>2</sub> O <sub>2</sub> S:Eu Scintillator for Detecting Ultraviolet Radiation in Real-Time. Sensors, 2018, 18, 3754.	3.8	12
9	Two improvements on numerical simulation of 2-DOF vortex-induced vibration with low mass ratio. China Ocean Engineering, 2017, 31, 764-772.	1.6	10
10	The brittleness problem of power system with different wind power penetration based on cellular automata theory. , 2016, , .		1
11	A PARAMETRIC MODEL OF THE PELVIC MOTION OF MIDDLE-AGED AND ELDERLY LOCOMOTION ON THE GROUND. Journal of Mechanics in Medicine and Biology, 2016, 16, 1640022.	0.7	1
12	The Improved Method of Risk Assessment for Falling Objects From the Crane of FPSO. , 2016, , .		0
13	Motion Response Analysis of FPSO's CALM Buoy Offloading System. , 2015, , .		6
14	Improved proportional fair dynamic subcarrier allocation with frugality constraint for SC-FDMA system. Journal of China Universities of Posts and Telecommunications, 2013, 20, 54-59.	0.8	4
15	Theoretical Study on Inner Support of Run-Flat Tire. Advanced Materials Research, 2012, 479-481, 2033-2036.	0.3	2
16	Dimension Optimization and Theoretical Calculation of Flywheel Rotor for Vehicle Energy Storage System. Applied Mechanics and Materials, 2011, 121-126, 3234-3237.	0.2	1
17	Research of Theoretical Analysis and Structural Design of Active Wheel. Applied Mechanics and Materials, 2011, 121-126, 1446-1449.	0.2	0
18	Novel manufacturing technology of hyperbolic plates for shipbuilding. Journal of Marine Science and Application, 2002, 1, 77-80.	1.7	0

#	ARTICLE	IF	CITATIONS
19	Dynamic simulation of mechanical system for quickfeeding shells in Gunboat4. Journal of Marine Science and Application, 2002, 1, 51-54.	1.7	0
20	Dynamic simulation of a smart crank and slider mechanism. Journal of Marine Science and Application, 2002, 1, 62-65.	1.7	0
21	Optimization Design of Crank Rocker Mechanism for a Torque Exciter. Applied Mechanics and Materials, 0, 88-89, 592-595.	0.2	0
22	Dynamics Simulation Study on Transmission Mechanism of Cross Rudder for Sightseeing Mini-Submarine. Applied Mechanics and Materials, 0, 88-89, 684-687.	0.2	2
23	Study on the Crash Energy Absorption Structure of a Vehicle Simulator Crash Testing Equipment. Key Engineering Materials, 0, 486, 266-269.	0.4	0
24	Simulation on Safety Property of Inner Support in Tire. Applied Mechanics and Materials, 0, 835, 639-642.	0.2	0
25	Dimension Determination of Highway Guardrail Based on Safety Collision with Vehicle. Applied Mechanics and Materials, 0, 835, 777-780.	0.2	0