

# Zheng Chen

## List of Publications by Year in descending order

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15  
papers

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citations

840776

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times ranked

310  
citing authors

#	ARTICLE	IF	CITATIONS
1	W@Cu Composite with High W Content Prepared by Grading Rounded W Powder with Narrow Particle Size Distribution. <i>Materials</i> , 2022, 15, 1904.	2.9	2
2	Preparation and characterization of W@WC <sub>x</sub> composite powder by oxidation-vacuum carbonization process. <i>Vacuum</i> , 2022, 203, 111227.	3.5	2
3	Effect of La <sub>2</sub> O <sub>3</sub> content on the densification, microstructure and mechanical property of W-La <sub>2</sub> O <sub>3</sub> alloy via pressureless sintering. <i>Materials Characterization</i> , 2021, 175, 111092.	4.4	18
4	Preparation of intragranular-oxide-strengthened ultrafine-grained tungsten via low-temperature pressureless sintering. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 774, 138878.	5.6	26
5	Thermal Stability and Grain Growth Kinetics of Ultrafine-Grained W with Various Amount of La <sub>2</sub> O <sub>3</sub> Addition. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 4113-4122.	2.2	9
6	Developing Elastic, Robust, and Highly Porous Metal Foams Using Carbon Nanotube Scaffolds. <i>ACS Applied Electronic Materials</i> , 2020, 2, 2090-2097.	4.3	3
7	Effect of La <sub>2</sub> O <sub>3</sub> addition on the synthesis of tungsten nanopowder via combustion-based method. <i>Journal of Materials Science and Technology</i> , 2020, 58, 24-33.	10.7	22
8	Effects of doping route on microstructure and mechanical properties of W~1.0wt.%La <sub>2</sub> O <sub>3</sub> alloys. <i>Transactions of Nonferrous Metals Society of China</i> , 2020, 30, 3296-3306.	4.2	15
9	Particle size distribution control and related properties improvements of tungsten powders by fluidized bed jet milling. <i>Advanced Powder Technology</i> , 2017, 28, 1603-1610.	4.1	25
10	Fabrication of fine-grained spherical tungsten powder by radio frequency (RF) inductively coupled plasma spheroidization combined with jet milling. <i>Advanced Powder Technology</i> , 2017, 28, 3158-3163.	4.1	23
11	Fabrication of tungsten nanopowder by combustion-based method. <i>International Journal of Refractory Metals and Hard Materials</i> , 2017, 68, 145-150.	3.8	20
12	Facile preparation of network-like porous hematite (α-Fe <sub>2</sub> O <sub>3</sub> ) nanosheets via a novel combustion-based route. <i>Ceramics International</i> , 2016, 42, 10380-10388.	4.8	25
13	Solution combustion synthesis of nanosized WO <sub>x</sub> : characterization, mechanism and excellent photocatalytic properties. <i>RSC Advances</i> , 2016, 6, 83101-83109.	3.6	40
14	Tungsten carbide/carbon composite synthesized by combustion-carbothermal reduction method as electrocatalyst for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 13005-13013.	7.1	54
15	Combustion synthesis and excellent photocatalytic degradation properties of W <sub>18</sub> O <sub>49</sub> . <i>CrystEngComm</i> , 2015, 17, 5889-5894.	2.6	31