

# Fan Zhang

## List of Publications by Year in descending order

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11  
papers

158  
citations

1307594

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h-index

1372567

10  
g-index

11  
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11  
docs citations

11  
times ranked

178  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast hydrolysis and hydrogen generation on Al-Bi alloys and Al-Bi-C composites synthesized by high-pressure torsion. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 29121-29130.	7.1	40
2	Improving in-vitro biocorrosion resistance of Mg-Zn-Mn-Ca alloy in Hank's solution through addition of cerium. <i>Journal of Rare Earths</i> , 2015, 33, 93-101.	4.8	25
3	Hydrogen generation from pure water using Al-Sn powders consolidated through high-pressure torsion. <i>Journal of Materials Research</i> , 2016, 31, 775-782.	2.6	21
4	Hydrolytic Hydrogen Production on Al-Sn-Zn Alloys Processed by High-Pressure Torsion. <i>Materials</i> , 2018, 11, 1209.	2.9	19
5	Enhanced biodegradation behavior of ultrafine-grained ZE41A magnesium alloy in Hank's solution. <i>Progress in Natural Science: Materials International</i> , 2013, 23, 420-424.	4.4	17
6	Biodegradable Behaviors of Ultrafine-Grained ZE41A Magnesium Alloy in DMEM Solution. <i>Metals</i> , 2016, 6, 3.	2.3	16
7	Decreasing Bio-Degradation Rate of the Hydrothermal-Synthesizing Coated Mg Alloy via Pre-Solid-Solution Treatment. <i>Materials</i> , 2017, 10, 858.	2.9	8
8	The evolution in electrochemical performance of Li <sub>4</sub> -XCaxTi <sub>5</sub> O <sub>12</sub> (Ca doped Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> ) as anode materials for lithium ion batteries. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 616, 126329.	4.7	6
9	Corrosion behavior and mechanism of 316 stainless steel in NaCl-KCl-ZnCl <sub>2</sub> molten salts at high temperature. <i>Materials Today Communications</i> , 2022, 31, 103297.	1.9	3
10	Improving electrochemical corrosion properties of ZE41A magnesium alloy via hydrothermal treatment. <i>E3S Web of Conferences</i> , 2021, 261, 02031.	0.5	2
11	Influence of Cu doping and high-pressure torsion on electrochemical performance of lithium-rich cathode material. <i>Journal of Physics: Conference Series</i> , 2021, 1750, 012077.	0.4	1