

Lizhai Zhang

List of Publications by Year in descending order

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8
papers

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citations

1307594
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437
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen Vacancy Enhanced Gas-Sensing Performance of CeO ₂ /Graphene Heterostructure at Room Temperature. <i>Analytical Chemistry</i> , 2018, 90, 9821-9829.	6.5	77
2	Porosity and oxygen vacancy engineering of mesoporous WO ₃ nanofibers for fast and sensitive low-temperature NO ₂ sensing. <i>Journal of Alloys and Compounds</i> , 2021, 853, 157339.	5.5	58
3	Octahedral SnO ₂ /Graphene Composites with Enhanced Gas-Sensing Performance at Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 12958-12967.	8.0	54
4	Facet-engineered CeO ₂ /graphene composites for enhanced NO ₂ gas-sensing. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6973-6981.	5.5	29
5	Enhanced Osseointegration of Hierarchically Structured Ti Implant with Electrically Bioactive SnO ₂ –TiO ₂ Bilayered Surface. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30191-30200.	8.0	26
6	Stability and Sensing Enhancement by Nanocubic CeO ₂ with {100} Polar Facets on Graphene for NO ₂ at Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4722-4731.	8.0	23
7	Graphite felt incorporated with MoS ₂ /rGO for electrochemical detoxification of high-arsenic fly ash. <i>Chemical Engineering Journal</i> , 2020, 382, 122763.	12.7	20
8	Electrically bioactive coating on Ti with bi-layered SnO ₂ –TiO ₂ hetero-structure for improving osteointegration. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3989-3998.	5.8	5