

# Zhenzi Li

## List of Publications by Year in descending order

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36  
papers

1,958  
citations

201575

27  
h-index

345118

36  
g-index

38  
all docs

38  
docs citations

38  
times ranked

3203  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual plasmons-promoted electron-hole separation for direct Z-scheme Bi <sub>3</sub> O <sub>4</sub> Cl/AgCl heterojunction ultrathin nanosheets and enhanced photocatalytic-photothermal performance. <i>Journal of Hazardous Materials</i> , 2020, 384, 121268.	6.5	34
2	NormAE: Deep Adversarial Learning Model to Remove Batch Effects in Liquid Chromatography Mass Spectrometry-Based Metabolomics Data. <i>Analytical Chemistry</i> , 2020, 92, 5082-5090.	3.2	32
3	Identification immunophenotyping of lung adenocarcinomas based on the tumor microenvironment. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 4569-4579.	1.2	13
4	Wide spectral response photothermal catalysis-fenton coupling systems with 3D hierarchical Fe <sub>3</sub> O <sub>4</sub> /Ag/Bi <sub>2</sub> MoO <sub>6</sub> ternary hetero-superstructural magnetic microspheres for efficient high-toxic organic pollutants removal. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 24-33.	5.0	61
5	Surface-defect-rich mesoporous NH <sub>2</sub> -MIL-125 (Ti)@Bi <sub>2</sub> MoO <sub>6</sub> core-shell heterojunction with improved charge separation and enhanced visible-light-driven photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 324-334.	5.0	44
6	Oxygen-Doped MoS <sub>2</sub> Nanospheres/CdS Quantum Dots/g-C <sub>3</sub> N <sub>4</sub> Nanosheets Super-Architectures for Prolonged Charge Lifetime and Enhanced Visible-Light-Driven Photocatalytic Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 7104-7111.	4.0	122
7	All-Solid Z-Scheme BiOCl/AgCl Heterojunction Microspheres for Improved Electron-Hole Separation and Enhanced Visible Light-Driven Photocatalytic Performance. <i>Langmuir</i> , 2019, 35, 7887-7895.	1.6	39
8	Nano-zero-valent iron and MnO <sub>x</sub> selective deposition on BiVO <sub>4</sub> decahedron superstructures for promoted spatial charge separation and exceptional catalytic activity in visible-light-driven photocatalysis-Fenton coupling system. <i>Journal of Hazardous Materials</i> , 2019, 377, 330-340.	6.5	48
9	WaveICA: A novel algorithm to remove batch effects for large-scale untargeted metabolomics data based on wavelet analysis. <i>Analytica Chimica Acta</i> , 2019, 1061, 60-69.	2.6	40
10	Surface plasma Ag-decorated single-crystalline TiO <sub>2-x</sub> (B) nanorod/defect-rich g-C <sub>3</sub> N <sub>4</sub> nanosheet ternary superstructure 3D heterojunctions as enhanced visible-light-driven photocatalyst. <i>Journal of Colloid and Interface Science</i> , 2019, 542, 63-72.	5.0	31
11	Plasmon Ag and CdS quantum dot co-decorated 3D hierarchical ball-flower-like Bi <sub>5</sub> O <sub>7</sub> I nanosheets as tandem heterojunctions for enhanced photothermal-photocatalytic performance. <i>Catalysis Science and Technology</i> , 2019, 9, 6714-6722.	2.1	29
12	Bifunctional nest-like self-floating microreactor for enhanced photothermal catalysis and biocatalysis. <i>Environmental Science: Nano</i> , 2019, 6, 3551-3559.	2.2	13
13	Assembly of surface-defect single-crystalline strontium titanate nanocubes acting as molecular bricks onto surface-defect single-crystalline titanium dioxide (B) nanorods for efficient visible-light-driven photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2019, 537, 441-449.	5.0	10
14	Synergistic effect of surface plasmon resonance, Ti <sup>3+</sup> and oxygen vacancy defects on Ag/MoS <sub>2</sub> /TiO <sub>2-x</sub> ternary heterojunctions with enhancing photothermal catalysis for low-temperature wastewater degradation. <i>Journal of Hazardous Materials</i> , 2019, 364, 117-124.	6.5	93
15	C,N co-doped porous TiO <sub>2</sub> hollow sphere visible light photocatalysts for efficient removal of highly toxic phenolic pollutants. <i>Dalton Transactions</i> , 2018, 47, 4877-4884.	1.6	26
16	Plasmon Ag decorated 3D urchinlike N-TiO <sub>2-x</sub> for enhanced visible-light-driven photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2018, 521, 102-110.	5.0	25
17	Mesoporous black TiO <sub>2-x</sub> /Ag nanospheres coupled with g-C <sub>3</sub> N <sub>4</sub> nanosheets as 3D/2D ternary heterojunctions visible light photocatalysts. <i>Journal of Hazardous Materials</i> , 2018, 343, 181-190.	6.5	147
18	Sites of distant metastases and overall survival in ovarian cancer: A study of 1481 patients. <i>Gynecologic Oncology</i> , 2018, 150, 460-465.	0.6	100

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19	Identification of pathway-based recurrence-associated signatures in optimally debulked patients with serous ovarian cancer. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8564-8573.	1.2	0
20	3D urchin-like black TiO <sub>2</sub> /carbon nanotube heterostructures as efficient visible-light-driven photocatalysts. <i>RSC Advances</i> , 2017, 7, 453-460.	1.7	35
21	Black TiO <sub>2</sub> nanobelts/g-C <sub>3</sub> N <sub>4</sub> nanosheets Laminated Heterojunctions with Efficient Visible-Light-Driven Photocatalytic Performance. <i>Scientific Reports</i> , 2017, 7, 41978.	1.6	211
22	Identification of a six-lncRNA signature associated with recurrence of ovarian cancer. <i>Scientific Reports</i> , 2017, 7, 752.	1.6	52
23	808 nm light triggered black TiO <sub>2</sub> nanoparticles for killing of bladder cancer cells. <i>Materials Science and Engineering C</i> , 2017, 81, 252-260.	3.8	46
24	Ti <sup>3+</sup> self-doped mesoporous black TiO <sub>2</sub> /graphene assemblies for unpredicted-high solar-driven photocatalytic hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 1031-1038.	5.0	42
25	In Situ Ti <sup>3+</sup> /N-Codoped Three-Dimensional (3D) Urchinlike Black TiO <sub>2</sub> Architectures as Efficient Visible-Light-Driven Photocatalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 7948-7956.	1.8	32
26	Facile synthesis of high-thermostably ordered mesoporous TiO <sub>2</sub> /SiO <sub>2</sub> nanocomposites: An effective bifunctional candidate for removing arsenic contaminations. <i>Journal of Colloid and Interface Science</i> , 2017, 485, 32-38.	5.0	34
27	Metabolic profiling and novel plasma biomarkers for predicting survival in epithelial ovarian cancer. <i>Oncotarget</i> , 2017, 8, 32134-32146.	0.8	30
28	Distinct plasma lipids profiles of recurrent ovarian cancer by liquid chromatography-mass spectrometry. <i>Oncotarget</i> , 2017, 8, 46834-46845.	0.8	35
29	Fabrication of 3D Mesoporous Black TiO <sub>2</sub> /MoS <sub>2</sub> /TiO <sub>2</sub> Nanosheets for Visible-Light-Driven Photocatalysis. <i>ChemSusChem</i> , 2016, 9, 1118-1124.	3.6	164
30	Superhydrophilic porous TiO <sub>2</sub> /ZnO composite thin films without light irradiation. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 1121-1124.	1.3	2
31	Ti <sup>3+</sup> Self-Doped Blue TiO <sub>2</sub> (B) Single-Crystalline Nanorods for Efficient Solar-Driven Photocatalytic Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 26851-26859.	4.0	151
32	Multifunctional Floating Titania-Coated Macro/Mesoporous Photocatalyst for Efficient Contaminant Removal. <i>ChemPlusChem</i> , 2015, 80, 623-629.	1.3	29
33	Ni <sup>2+</sup> and Ti <sup>3+</sup> co-doped porous black anatase TiO <sub>2</sub> with unprecedented-high visible-light-driven photocatalytic degradation performance. <i>RSC Advances</i> , 2015, 5, 107150-107157.	1.7	59
34	One-step synthesis of mesoporous two-line ferrihydrite for effective elimination of arsenic contaminants from natural water. <i>Dalton Transactions</i> , 2011, 40, 2062.	1.6	38
35	Facile synthesis of Ag nanoparticles supported on MWCNTs with favorable stability and their bactericidal properties. <i>Journal of Hazardous Materials</i> , 2011, 187, 466-472.	6.5	38
36	The high dispersion of DNA-multiwalled carbon nanotubes and their properties. <i>Analytical Biochemistry</i> , 2009, 387, 267-270.	1.1	51