

Ren'an Wu

List of Publications by Year in descending order

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30
papers

1,332
citations

430843

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434170

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docs citations

34
times ranked

1752
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembly of MoS ₂ nanosheet adhered on Fe-MOF heterocrystals for peroxymonosulfate activation via interfacial interaction. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 3098-3110.	9.4	22
2	Two-Dimensional Tin Selenide (SnSe) Nanosheets Capable of Mimicking Key Dehydrogenases in Cellular Metabolism. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3618-3623.	13.8	58
3	Two-Dimensional Tin Selenide (SnSe) Nanosheets Capable of Mimicking Key Dehydrogenases in Cellular Metabolism. <i>Angewandte Chemie</i> , 2020, 132, 3647-3652.	2.0	8
4	One-pot hydrothermal cross-linking preparation of poly(vinylpyrrolidone) immobilized silica stationary phase for hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , 2020, 1633, 461656.	3.7	5
5	The synthesis and structure of the [PdAu ₁₃ (PPh ₃) ₃ (SR) ₇] ⁺ nanocluster. <i>Nanoscale</i> , 2020, 12, 11825-11829.	5.6	1
6	A multi-omics investigation of the molecular characteristics and classification of six metabolic syndrome relevant diseases. <i>Theranostics</i> , 2020, 10, 2029-2046.	10.0	35
7	The efficient profiling of serum N-linked glycans by a highly porous 3D graphene composite. <i>Analyst</i> , 2019, 144, 5261-5270.	3.5	9
8	One-Step Scalable Fabrication of Graphene-Integrated Micro-Supercapacitors with Remarkable Flexibility and Exceptional Performance Uniformity. <i>Advanced Functional Materials</i> , 2019, 29, 1902860.	14.9	104
9	High Anti-Interfering Profiling of Endogenous Glycopeptides for Human Plasma by the Dual-Hydrophilic Metal-Organic Framework. <i>Analytical Chemistry</i> , 2019, 91, 4852-4859.	6.5	44
10	Facile one-pot synthesized hydrothermal carbon from cyclodextrin: A stationary phase for hydrophilic interaction liquid chromatography. <i>Journal of Chromatography A</i> , 2019, 1585, 144-151.	3.7	10
11	A nano-bio interfacial protein corona on silica nanoparticle. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 167, 220-228.	5.0	29
12	Metal-organic frameworks in proteomics/peptidomics-A review. <i>Analytica Chimica Acta</i> , 2018, 1027, 9-21.	5.4	48
13	Highly Porous Metal-Free Graphitic Carbon Derived from Metal-Organic Framework for Profiling of N-Linked Glycans. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 11896-11906.	8.0	35
14	Highly Specific Enrichment of Multi-phosphopeptides by the Diphosphorylated Fructose-Modified Dual-Metal-Centered Zirconium-Organic Framework. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 32613-32621.	8.0	38
15	Reversible conversion between phosphine protected Au ₆ and Au ₈ nanoclusters under oxidative/reductive conditions. <i>Nanoscale</i> , 2017, 9, 2424-2427.	5.6	9
16	Preparation of organic-silica hybrid monolithic columns via crosslinking of functionalized mesoporous carbon nanoparticles for capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1498, 64-71.	3.7	16
17	Dual-Metal Centered Zirconium-Organic Framework: A Metal-Affinity Probe for Highly Specific Interaction with Phosphopeptides. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 35012-35020.	8.0	77
18	In Situ and Timed Extraction of Cellular Peptides from Live HeLa Cells by Photo-Switchable Mesoporous Silica Nanocarriers. <i>Analytical Chemistry</i> , 2016, 88, 8380-8384.	6.5	13

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19	One-Pot Approach to Prepare Organo-silica Hybrid Capillary Monolithic Column with Intact Mesoporous Silica Nanoparticle as Building Block. <i>Scientific Reports</i> , 2016, 6, 34718.	3.3	11
20	Biological characteristics of adipose tissue-derived stem cells labeled with amine-surface-modified superparamagnetic iron oxide nanoparticles. <i>Cell Biology International</i> , 2015, 39, 899-909.	3.0	11
21	Interlayer Water Regulates the Bio-nano Interface of a β -sheet Protein stacking on Graphene. <i>Scientific Reports</i> , 2015, 5, 7572.	3.3	11
22	The on-bead digestion of protein corona on nanoparticles by trypsin immobilized on the magnetic nanoparticle. <i>Journal of Chromatography A</i> , 2014, 1334, 55-63.	3.7	20
23	Functionalized mesoporous carbon nanoparticles for targeted chemo-photothermal therapy of cancer cells under near-infrared irradiation. <i>RSC Advances</i> , 2014, 4, 33986-33997.	3.6	56
24	Nanoparticle size matters in the formation of plasma protein coronas on Fe ₃ O ₄ nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 121, 354-361.	5.0	71
25	The impact of the number of layers of a graphene nanopore on DNA translocation. <i>Soft Matter</i> , 2013, 9, 960-966.	2.7	52
26	A poly(ethylene glycol)-brush decorated magnetic polymer for highly specific enrichment of phosphopeptides. <i>Chemical Science</i> , 2012, 3, 2828.	7.4	95
27	Recent development of monolithic stationary phases with emphasis on microscale chromatographic separation. <i>Journal of Chromatography A</i> , 2008, 1184, 369-392.	3.7	251
28	Separation of peptides on mixed mode of reversed-phase and ion-exchange capillary electrochromatography with a monolithic column. <i>Electrophoresis</i> , 2002, 23, 1239-1245.	2.4	75
29	Capillary Electrochromatography for Separation of Peptides Driven with Electrophoretic Mobility on Monolithic Column. <i>Analytical Chemistry</i> , 2001, 73, 4918-4923.	6.5	103
30	Microorganisms as bio-filters to mitigate greenhouse gas emissions from high-altitude permafrost revealed by nanopore-based metagenomics. , 0, , .		8