

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62 papers	1,650 citations	25 h-index	39 g-index
63 ext. papers	2,032 ext. citations	7.4 avg, IF	4.75 L-index

#	Paper	IF	Citations
62	Pistachio-Shuck-Like MoSe ₂ /C Core/Shell Nanostructures for High-Performance Potassium-Ion Storage. <i>Advanced Materials</i> , 2018 , 30, e1801812	24	247
61	Lignin as a Wood-Inspired Binder Enabled Strong, Water Stable, and Biodegradable Paper for Plastic Replacement. <i>Advanced Functional Materials</i> , 2020 , 30, 1906307	15.6	87
60	New GO-PEI-Au-L-Cys ZIC-HILIC composites: synthesis and selective enrichment of glycopeptides. <i>Nanoscale</i> , 2014 , 6, 5616-9	7.7	85
59	Hydrophilic immobilized trypsin reactor with magnetic graphene oxide as support for high efficient proteome digestion. <i>Journal of Chromatography A</i> , 2012 , 1254, 8-13	4.5	79
58	Hydrophilic GO/Fe ₃ O ₄ /Au/PEG nanocomposites for highly selective enrichment of glycopeptides. <i>Nanoscale</i> , 2016 , 8, 4894-7	7.7	68
57	Surface-imprinted nanoparticles prepared with a His-tag-anchored epitope as the template. <i>Analytical Chemistry</i> , 2015 , 87, 4617-20	7.8	58
56	General, Vertical, Three-Dimensional Printing of Two-Dimensional Materials with Multiscale Alignment. <i>ACS Nano</i> , 2019 , 13, 12653-12661	16.7	49
55	Surface protein imprinted core-shell particles for high selective lysozyme recognition prepared by reversible addition-fragmentation chain transfer strategy. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 21954-60	9.5	45
54	3-Carboxybenzoboroxole Functionalized Polyethylenimine Modified Magnetic Graphene Oxide Nanocomposites for Human Plasma Glycoproteins Enrichment under Physiological Conditions. <i>Analytical Chemistry</i> , 2018 , 90, 2671-2677	7.8	43
53	A Highly Conductive Cationic Wood Membrane. <i>Advanced Functional Materials</i> , 2019 , 29, 1902772	15.6	42
52	Carbon-encapsulated ultrathin MoS ₂ nanosheets epitaxially grown on porous metallic TiNb ₂ O ₆ microspheres with unsaturated oxygen atoms for superior potassium storage. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 5760-5768	13	42
51	Gold nanoparticles immobilized hydrophilic monoliths with variable functional modification for highly selective enrichment and on-line deglycosylation of glycopeptides. <i>Analytica Chimica Acta</i> , 2015 , 900, 83-9	6.6	40
50	Dendrimer-grafted graphene oxide nanosheets as novel support for trypsin immobilization to achieve fast on-plate digestion of proteins. <i>Talanta</i> , 2014 , 122, 278-84	6.2	37
49	Polyethyleneimine-modified graphene oxide nanocomposites for effective protein functionalization. <i>Nanoscale</i> , 2015 , 7, 14284-91	7.7	36
48	Aptamer functionalized hydrophilic polymer monolith with gold nanoparticles modification for the sensitive detection of human α -thrombin. <i>Talanta</i> , 2016 , 154, 555-9	6.2	36
47	Preparation of hydrophilic monolithic capillary column by in situ photo-polymerization of N-vinyl-2-pyrrolidinone and acrylamide for highly selective and sensitive enrichment of N-linked glycopeptides. <i>Talanta</i> , 2016 , 146, 225-30	6.2	35
46	The Anion Effect on Li(+) Ion Coordination Structure in Ethylene Carbonate Solutions. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 3554-9	6.4	34

45	Evidence for quantum interference in collision-induced intramolecular energy transfer within CO singlet-triplet mixed states. <i>Journal of Chemical Physics</i> , 1995 , 102, 2772-2779	3.9	32
44	1.9 μ m superficially porous packing material with radially oriented pores and tailored pore size for ultra-fast separation of small molecules and biomolecules. <i>Journal of Chromatography A</i> , 2014 , 1356, 148-56	4.5	29
43	4-Mercaptophenylboronic acid functionalized graphene oxide composites: Preparation, characterization and selective enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , 2016 , 912, 41-8	6.6	28
42	How Is C-H Vibrational Energy Redistributed in F + CHD ₃ ($J = 1$) \rightarrow HF + CD ₃ ?. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 1790-4	6.4	27
41	Imaging CO ₂ Photodissociation at 157 nm: State-to-State Correlations between CO(J) and O($3P_j=0,1,2$). <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 1861-1865	6.4	27
40	Further study on collisional quantum interference effect in energy transfer within CO singlet-triplet mixed states. <i>Journal of Chemical Physics</i> , 1996 , 105, 8661-8665	3.9	27
39	Two-color study of Autler-Townes doublet splitting and ac Stark shift in multiphoton ionization spectra of CO. <i>Journal of Chemical Physics</i> , 1994 , 100, 6122-6124	3.9	27
38	In Situ Lignin Modification toward Photonic Wood. <i>Advanced Materials</i> , 2021 , 33, e2001588	24	27
37	Highly Efficient Water Treatment via a Wood-Based and Reusable Filter 2020 , 2, 430-437		24
36	Preparation and application of silver nanoparticle-functionalized magnetic graphene oxide nanocomposites. <i>Nanoscale</i> , 2017 , 9, 1607-1615	7.7	23
35	Recent Advances in Multidimensional Separation for Proteome Analysis. <i>Analytical Chemistry</i> , 2019 , 91, 264-276	7.8	23
34	Strong, Hydrostable, and Degradable Straws Based on Cellulose-Lignin Reinforced Composites. <i>Small</i> , 2021 , 17, e2008011	11	22
33	Lignin-Based Direct Ink Printed Structural Scaffolds. <i>Small</i> , 2020 , 16, e1907212	11	20
32	Angular momentum reorientation in CO(A_1) \rightarrow Σ rotational energy transfer studied by optical-optical double resonance multiphoton ionization spectroscopy. <i>Journal of Chemical Physics</i> , 1993 , 98, 9487-9495	3.9	18
31	Aptamer-conjugated gold functionalized graphene oxide nanocomposites for human β -thrombin specific recognition. <i>Journal of Chromatography A</i> , 2016 , 1427, 16-21	4.5	17
30	High Interfacial Charge Storage Capability of Carbonaceous Cathodes for Mg Batteries. <i>ACS Nano</i> , 2018 , 12, 2998-3009	16.7	16
29	Bis(zinc(II)-dipicolylamine)-functionalized sub-2 μ m core-shell microspheres for the analysis of N-phosphoproteome. <i>Nature Communications</i> , 2020 , 11, 6226	17.4	15
28	Structural Disorder and Coherence across the Phase Transitions of Lead-Free Piezoelectric Bi _{0.5} K _{0.5} TiO ₃ . <i>Chemistry of Materials</i> , 2018 , 30, 2631-2640	9.6	15

27	Effect of CH stretching excitation on the reaction dynamics of F + CHD ₃ → DF + CHD ₂ . <i>Journal of Chemical Physics</i> , 2015 , 143, 044316	3.9	14
26	Photofragment Imaging of HNCO Decomposition at 210 nm: the Primary NH(a ₁)+CO(X ₁ +) Channel. <i>Chinese Journal of Chemical Physics</i> , 2007 , 20, 388-394	0.9	12
25	Nonresonant Vibrational Energy Transfer on Metal Nanoparticle/Liquid Interface. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 25173-25179	3.8	11
24	Imaging the O((1)D) + CD ₄ → OD + CD ₃ Reaction Dynamics: The Threshold of Abstraction Pathway. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 1310-4	6.4	11
23	Strain-Modulated Seeded Growth of Highly Branched Black Au Superparticles for Efficient Photothermal Conversion. <i>Journal of the American Chemical Society</i> , 2021 , 143, 20513-20523	16.4	11
22	Comparison Studies on Sub-Nanometer-Sized Ion Clusters in Aqueous Solutions: Vibrational Energy Transfers, MD Simulations, and Neutron Scattering. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 9893-9043	3.4	10
21	Scalable Wood Hydrogel Membrane with Nanoscale Channels. <i>ACS Nano</i> , 2021 ,	16.7	10
20	Ordered-to-Disordered Transformation of Enhanced Water Structure on Hydrophobic Surfaces in Concentrated Alcohol-Water Solutions. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 7922-7928	6.4	10
19	The molecular rotational motion of liquid ethanol studied by ultrafast time resolved infrared spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 4345-4351	3.6	9
18	Photoelectron spectroscopy of ammonia via a fast predissociative state. <i>Faraday Discussions</i> , 2000 , 127-36; discussion 175-204	3.6	9
17	3D Printed Graphene-Based 3000 K Probe. <i>Advanced Functional Materials</i> , 2021 , 31, 2102994	15.6	8
16	Cleavable hydrophobic derivatization strategy for enrichment and identification of phosphorylated lysine peptides. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 4159-4166	4.4	6
15	A robust and effective intact protein fractionation strategy by GO/PEI/Au/PEG nanocomposites for human plasma proteome analysis. <i>Talanta</i> , 2018 , 178, 49-56	6.2	6
14	UV Photodissociation Dynamics of Nitric Acid: The Hydroxyl Elimination Channel. <i>Chinese Journal of Chemical Physics</i> , 2009 , 22, 191-196	0.9	6
13	Femtosecond resonance-enhanced multiphoton-ionization photoelectron spectrum of ammonia. <i>Physical Review A</i> , 2006 , 74,	2.6	6
12	Aptamer functionalized magnetic graphene oxide nanocomposites for highly selective capture of histones. <i>Electrophoresis</i> , 2019 , 40, 2135-2141	3.6	5
11	Isolation and identification of phosphorylated lysine peptides by retention time difference combining dimethyl labeling strategy. <i>Science China Chemistry</i> , 2019 , 62, 708-712	7.9	5
10	Equilibrium of [Si]/(SiO ₂) in Carbothermic Selective Reduction of Titanium Concentrate Ore for the Preparation of Titanium Oxycarbide. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2019 , 50, 242-250	2.5	5

9	A Velocity Map Ion-imaging Study on Ketene Photodissociation at 218 nm. <i>Chinese Journal of Chemical Physics</i> , 2006 , 19, 1-5	0.9	4
8	Molecular partitioning in ternary solutions of cellulose. <i>Carbohydrate Polymers</i> , 2019 , 220, 157-162	10.3	3
7	Effect of antisymmetric C-H stretching excitation on the dynamics of O(1D) + CH ₄ → OH + CH ₃ . <i>Journal of Chemical Physics</i> , 2014 , 140, 154305	3.9	3
6	Xenon enhancement and third harmonic generated lines in the 3+m-photon ionization spectroscopy of CO (A 1 Σ^+ -X 1 Σ^+) in CO+Xe mixtures. <i>Journal of Chemical Physics</i> , 1992 , 97, 4697-4703	3.9	2
5	Excellent Ductility in the Extruded AZ61 Magnesium Alloy Tube Induced by Electropulsing Treatment during Tension. <i>Metals</i> , 2021 , 11, 813	2.3	2
4	Zn(II)-DPA functionalized graphene oxide two-dimensional nanocomposites for N-phosphoproteins enrichment.. <i>Talanta</i> , 2022 , 243, 123384	6.2	1
3	Fully integrated protein absolute quantification platform for analysis of multiple tumor markers in human plasma. <i>Talanta</i> , 2021 , 226, 122102	6.2	0
2	Selective enrichment tandem elimination assisted strategy for N-phosphorylation analysis. <i>Talanta</i> , 2022 , 247, 123580	6.2	0
1	Dual Mechanism for CO(A1 Σ^+)-CO(X1 Σ^+) Rovibronic Energy Transfer: An OODR-MP1 Spectroscopic Study. <i>Journal of the Chinese Chemical Society</i> , 1995 , 42, 275-284	1.5	