

Chun-Li Wang

List of Publications by Year in Descending Order

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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.

540
papers

19,678
citations

64
h-index

117
g-index

551
ext. papers

22,655
ext. citations

6.7
avg, IF

7.13
L-index

#	Paper	IF	Citations
540	Measuring the Efficiency of Energy and Carbon Emissions: A Review of Definitions, Models, and Input-Output Variables. <i>Energies</i> , 2022 , 15, 962	3.1	1
539	Nanoscale localized growth of SnSb for general-purpose high performance alkali (Li, Na, K) ion storage. <i>Chemical Engineering Journal</i> , 2022 , 431, 134318	14.7	0
538	Sodium doping derived electromagnetic center of lithium layered oxide cathode materials with enhanced lithium storage. <i>Nano Energy</i> , 2022 , 94, 106900	17.1	6
537	Excellent kinetics and effective hydrogen storage capacity at low temperature of superlattice rare-earth hydrogen storage alloy by solid-phase treatment. <i>Journal of Physics and Chemistry of Solids</i> , 2022 , 161, 110402	3.9	0
536	Encapsulating silicon particles by graphitic carbon enables High-performance Lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2022 , 607, 1562-1570	9.3	0
535	Highly Efficient Hydrogen Storage Capacity of 2.5 wt % Above 0.1 MPa Using Y and Cr Codoped V-Based Alloys. <i>ACS Applied Energy Materials</i> , 2022 , 5, 3282-3289	6.1	0
534	Market Integration and Price Dynamics under Market Shocks in European Union Internal and External Cheese Export Markets.. <i>Foods</i> , 2022 , 11,	4.9	1
533	Superior Dehydrogenation Performance of β -AlH Catalyzed by Li N: Realizing 8.0 wt.% Capacity at 100 °C.. <i>Small</i> , 2022 , e2107983	11	0
532	Imidazolium ionic liquids as potential persistent pollutants in aqueous environments: Indirect photochemical degradation kinetics and mechanism.. <i>Environmental Research</i> , 2022 , 211, 113031	7.9	0
531	Structure and Electrochemical Performance of Al and Y Co-Doped β -Nickel Hydroxide as a Cathode for a Ni-MH Battery. <i>Energy & Fuels</i> , 2021 , 35, 19835-19842	4.1	
530	Excellent catalytic effect of LaNi ₅ on hydrogen storage properties for aluminium hydride at mild temperature. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 38733-38740	6.7	4
529	Photochemical transformation of pyridinium ionic liquids in aqueous phase: Kinetics, products and mechanism. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106638	6.8	0
528	Toward ultra-long cycling stability and high lithium storage performances: Silica anodes with catalytic effects of low-cost metals particles. <i>Applied Materials Today</i> , 2021 , 25, 101205	6.6	2
527	A Rare Autosomal Dominant Variant in Regulator of Calcineurin Type 1 (β) Gene Confers Enhanced Calcineurin Activity and May Cause FSGS. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 ,	12.7	2
526	Double-network hydrogels with superior self-healing properties using starch reinforcing strategy. <i>Carbohydrate Polymers</i> , 2021 , 257, 117626	10.3	9
525	Size effect of the width of beta-Li phase on the ductility of magnesium-lithium dual-phase alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021 , 814, 141217	5.3	3
524	Ammonia-low coprecipitation synthesis of lithium layered oxide cathode material for high-performance battery. <i>Chemical Engineering Journal</i> , 2021 , 411, 128487	14.7	14

523	Electrolyte Chemistry in 3D Metal Oxide Nanorod Arrays Deciphers Lithium Dendrite-Free Plating/Stripping Behaviors for High-Performance Lithium Batteries. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 4857-4866	6.4	11
522	Unraveling the Synergistic Catalytic Effects of TiO and PrO on Superior Dehydrogenation Performances of FAIH. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 26998-27005	9.5	4
521	A novel adaptive density-based spatial clustering of application with noise based on bird swarm optimization algorithm. <i>Computer Communications</i> , 2021 , 174, 205-214	5.1	2
520	Non-pharmacological treatment for Parkinson disease patients with depression: a meta-analysis of repetitive transcranial magnetic stimulation and cognitive-behavioral treatment. <i>International Journal of Neuroscience</i> , 2021 , 131, 411-424	2	2
519	Unraveling the New Role of an Ethylene Carbonate Solvation Shell in Rechargeable Metal Ion Batteries. <i>ACS Energy Letters</i> , 2021 , 6, 69-78	20.1	41
518	The oxidation mechanism of gas-phase ozonolysis of limonene in the atmosphere. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 9294-9303	3.6	1
517	Insight into the Coprecipitation-Controlled Crystallization Reaction for Preparing Lithium-Layered Oxide Cathodes. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 717-726	9.5	9
516	Multifunctional sulfur-mediated strategy enabling fast-charging Sb ₂ S ₃ micro-package anode for lithium-ion storage. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 7838-7847	13	13
515	Electrolyte-Mediated Stabilization of High-Capacity Micro-Sized Antimony Anodes for Potassium-Ion Batteries. <i>Advanced Materials</i> , 2021 , 33, e2005993	24	48
514	Crystalline coordination polymer-derived MoS quantum dot-doped carbon nanoflakes with ultrafast Li transfer. <i>Chemical Communications</i> , 2021 , 57, 8151-8153	5.8	2
513	Superior electrochemical characteristics of A2B7-type hydrogen storage alloy at ultralow temperature with the addition of alane. <i>Journal of Materials Science</i> , 2021 , 56, 8159-8171	4.3	1
512	A method of two-stage clustering learning based on improved DBSCAN and density peak algorithm. <i>Computer Communications</i> , 2021 , 167, 75-84	5.1	11
511	Superior reversible hydrogen storage capacity of V-based solid solution alloy above atmospheric pressure with yttrium substitution. <i>Materials Letters</i> , 2021 , 297, 129945	3.3	0
510	Twist1 in podocytes ameliorates podocyte injury and proteinuria by limiting CCL2-dependent macrophage infiltration. <i>JCI Insight</i> , 2021 , 6,	9.9	4
509	Unraveling the New Role of Metal-Organic Frameworks in Designing Silicon Hollow Nanocages for High-Energy Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 40471-40480	9.5	3
508	Heterologous expression of ZmGS5 enhances organ size and seed weight by regulating cell expansion in <i>Arabidopsis thaliana</i> . <i>Gene</i> , 2021 , 793, 145749	3.8	0
507	Cerium Oxysulfide with O-Ce-S Bindings for Efficient Adsorption and Conversion of Lithium Polysulfide in Li-S Batteries. <i>Inorganic Chemistry</i> , 2021 , 60, 12847-12854	5.1	3
506	A highly promising high-nickel low-cobalt lithium layered oxide cathode material for high-performance lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2021 , 597, 334-344	9.3	17

505	An exploration on the improvement of reversible conversion and capacity retention of Sb ₂ O ₃ -based anode materials for alkali metal-ion storage by Fe-C co-hybridization. <i>Journal of Power Sources</i> , 2021 , 506, 230074	8.9	2
504	Interfacial Model Deciphering High-Voltage Electrolytes for High Energy Density, High Safety, and Fast-Charging Lithium-Ion Batteries. <i>Advanced Materials</i> , 2021 , 33, e2102964	24	33
503	Competitive immune-nanoplatforms with positive readout for the rapid detection of imidacloprid using gold nanoparticles. <i>Mikrochimica Acta</i> , 2021 , 188, 356	5.8	0
502	Verification of electrolyte decomposition in lithium-ion batteries: Based on the unique bowling-like Sn@C/EG-S composite. <i>Chemical Engineering Journal</i> , 2021 , 422, 130520	14.7	2
501	High-rate lithium/sodium storage capacities of nitrogen-enriched porous antimony composite prepared from organic-inorganic ligands. <i>Applied Surface Science</i> , 2021 , 563, 150297	6.7	3
500	Equally-dispersed Sb/Sb ₂ O ₃ nanoparticles in ionic liquid-derived nitrogen-enriched carbon for highly reversible lithium/sodium storage. <i>Electrochimica Acta</i> , 2021 , 395, 139210	6.7	1
499	An SiO anode strengthened by the self-catalytic growth of carbon nanotubes. <i>Nanoscale</i> , 2021 , 13, 3808-3816	7.16	9
498	Numerical Analysis of High-Velocity Oxygen Fuel Thermal-Spray Process for Fe-Based Amorphous Coatings. <i>Coatings</i> , 2021 , 11, 1533	2.9	1
497	Gospel for Improving the Lithium Storage Performance of High-Voltage High-Nickel Low-Cobalt Layered Oxide Cathode Materials. <i>ACS Applied Materials & Interfaces</i> , 2021 ,	9.5	3
496	An enhanced quasicrystalline Ti _{1.4} V _{0.6} Ni alloy electrode modified by uniformly covered RGO for nickel metal hydride battery. <i>Intermetallics</i> , 2020 , 127, 106972	3.5	1
495	Catalysis of silica-based anode (de-)lithiation: compositional design within a hollow structure for accelerated conversion reaction kinetics. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 12306-12313	13	27
494	Sulfur-Mediated Interface Engineering Enables Fast SnS Nanosheet Anodes for Advanced Lithium/Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 25786-25797	9.5	39
493	Enabling high electrochemical activity of a hollow SiO anode by decorating it with ultrafine cobalt nanoparticles and a carbon matrix for long-lifespan lithium ion batteries. <i>Nanoscale</i> , 2020 , 12, 13442-13449	7.7	12
492	Clarifying the nature of the Johari-Goldstein Relaxation and emphasising its fundamental importance. <i>Philosophical Magazine</i> , 2020 , 100, 2596-2613	1.6	12
491	SnO Quantum Dots: Rational Design to Achieve Highly Reversible Conversion Reaction and Stable Capacities for Lithium and Sodium Storage. <i>Small</i> , 2020 , 16, e2000681	11	39
490	Multimodal Word Discovery and Retrieval With Spoken Descriptions and Visual Concepts. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2020 , 28, 1560-1573	3.6	1
489	Hierarchical N-doped carbon nanosheets submicrospheres enable superior electrochemical properties for potassium ion capacitors. <i>Journal of Power Sources</i> , 2020 , 469, 228415	8.9	29
488	Carbon Nanotubes Coupled with Metal Ion Diffusion Layers Stabilize Oxide Conversion Reactions in High-Voltage Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 16276-16285	9.5	9

487	Unraveling Metal Oxide Role in Exfoliating Graphite: New Strategy to Construct High-Performance Graphene-Modified SiO _x -Based Anode for Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2020 , 30, 1910657	15.6	35
486	Immobilization of mercury by nano-elemental selenium and the underlying mechanisms in hydroponic-cultured garlic plant. <i>Environmental Science: Nano</i> , 2020 , 7, 1115-1125	7.1	12
485	Attribution of the land surface temperature response to land-use conversions from bare land. <i>Global and Planetary Change</i> , 2020 , 193, 103268	4.2	5
484	Determinants of the Asymmetric Parameter in the Generalized Complementary Principle of Evaporation. <i>Water Resources Research</i> , 2020 , 56, e2019WR026570	5.4	15
483	Initiation of protective autophagy in hepatocytes by gold nanorod core/silver shell nanostructures. <i>Nanoscale</i> , 2020 , 12, 6429-6437	7.7	10
482	Structural Disorganization and Chain Aggregation of High-Amylose Starch in Different Chloride Salt Solutions. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 4838-4847	8.3	7
481	Electrolyte Engineering Enables High Stability and Capacity Alloying Anodes for Sodium and Potassium Ion Batteries. <i>ACS Energy Letters</i> , 2020 , 5, 766-776	20.1	91
480	An Empirical Model for the Design of Batteries with High Energy Density. <i>ACS Energy Letters</i> , 2020 , 5, 807-816	20.1	52
479	Speech Technology for Unwritten Languages. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2020 , 28, 964-975	3.6	5
478	Elucidating the Nature of the Cu(I) Active Site in CuO/TiO for Excellent Low-Temperature CO Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 7091-7101	9.5	20
477	Binder-free layered ZnO@Ni microspheres as advanced anode materials for lithium-ion batteries. <i>Ionics</i> , 2020 , 26, 3281-3288	2.7	5
476	Bio-inspired heteroatom-doped hollow aurilave-like structured carbon for high-performance sodium-ion batteries and supercapacitors. <i>Journal of Power Sources</i> , 2020 , 461, 228128	8.9	16
475	Immunological Responses Induced by Blood Protein Coronas on Two-Dimensional MoS Nanosheets. <i>ACS Nano</i> , 2020 , 14, 5529-5542	16.7	35
474	A Designed Durable Electrolyte for High-Voltage Lithium-Ion Batteries and Mechanism Analysis. <i>Chemistry - A European Journal</i> , 2020 , 26, 7930-7936	4.8	9
473	Engineering Sodium-Ion Solvation Structure to Stabilize Sodium Anodes: Universal Strategy for Fast-Charging and Safer Sodium-Ion Batteries. <i>Nano Letters</i> , 2020 , 20, 3247-3254	11.5	41
472	Cellular Uptake, Stability, and Safety of Hollow Carbon Sphere-Protected Fe ₃ O ₄ Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2020 , 20, 2584-2591	1.3	4
471	Effects of Gd on the microstructure and mechanical properties of Mg ₉₂ Li dual-phase alloys. <i>International Journal of Materials Research</i> , 2020 , 111, 432-438	0.5	
470	Atmospheric oxidation of gaseous anthracene and phenanthrene initiated by OH radicals. <i>Atmospheric Environment</i> , 2020 , 234, 117587	5.3	2

469	Crystal reconstruction of binary oxide hexagonal nanoplates: monocrystalline formation mechanism and high rate lithium-ion battery applications. <i>Nanoscale</i> , 2020 , 12, 4366-4373	7.7	7
468	Free-standing 3D nitrogen-carbon anchored Cu nanorod arrays: in situ derivation from a metal-organic framework and strategy to stabilize lithium metal anodes. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 1425-1431	13	9
467	Self-catalytic approach to construct graphitized carbon shell for metal oxide: In-situ triggering mechanism and high-performance lithium-ion batteries applications. <i>Journal of Power Sources</i> , 2020 , 450, 227631	8.9	10
466	One-step synthesis of novel flower-like Sn-doped ZnO architectures with enhanced photocatalytic activity. <i>Surface and Interface Analysis</i> , 2020 , 52, 91-97	1.5	0
465	Improvement of dehydrogenation performance by adding CeO ₂ to PdAlH ₃ . <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 2119-2126	6.7	7
464	Single-Particle Analysis for Structure and Iron Chemistry of Atmospheric Particulate Matter. <i>Analytical Chemistry</i> , 2020 , 92, 975-982	7.8	14
463	Nanosheets assembled layered MoS ₂ /MXene as high performance anode materials for potassium ion batteries. <i>Journal of Power Sources</i> , 2020 , 449, 227481	8.9	76
462	In Situ Growth of Lithiophilic MOF Layer Enabling Dendrite-free Lithium Deposition. <i>IScience</i> , 2020 , 23, 101869	6.1	2
461	Overexpression of an Antisense RNA of Maize Receptor-Like Kinase Gene Enlarges the Organ and Seed Size of Transgenic Plants. <i>Frontiers in Plant Science</i> , 2020 , 11, 579120	6.2	2
460	Model-Based Design of Graphite-Compatible Electrolytes in Potassium-Ion Batteries. <i>ACS Energy Letters</i> , 2020 , 5, 2651-2661	20.1	49
459	Pressure Effect on Order-Disorder Ferroelectric Transition in a Hydrogen-Bonded Metal-Organic Framework. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 9566-9571	6.4	3
458	Emerging Potassium-ion Hybrid Capacitors. <i>ChemSusChem</i> , 2020 , 13, 5837-5862	8.3	29
457	A Different Silica Surface: Radical Oxidation of Poly(methylsilsesquioxane) Thin Films and Particles (Tospearl). <i>Langmuir</i> , 2020 , 36, 10110-10119	4	0
456	Model-Based Design of Stable Electrolytes for Potassium Ion Batteries. <i>ACS Energy Letters</i> , 2020 , 5, 3124-3131	32	
455	Atmospheric oxidation mechanism of acenaphthene initiated by OH radicals. <i>Atmospheric Environment</i> , 2020 , 243, 117870	5.3	5
454	Unravel the Catalytic Effect of Two-Dimensional Metal Sulfides on Polysulfide Conversions for Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 43560-43567	9.5	23
453	Additives Engineered Nonflammable Electrolyte for Safer Potassium Ion Batteries. <i>Advanced Functional Materials</i> , 2020 , 30, 2001934	15.6	37
452	Self-Assembly of Monodispersed Closely Packed Composite Superstructures by Anchoring Nanoparticles into Multihierarchical Frameworks. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 18966-18974	8.3	1

451	Facile Preparation of Eco-Friendly, Flexible Starch-Based Materials with Ionic Conductivity and Strain-Responsiveness. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 19117-19128	8.3	12
450	Atmospheric oxidation mechanism of polychlorinated biphenyls (PCBs) initiated by OH radicals. <i>Chemosphere</i> , 2020 , 240, 124756	8.4	8
449	Understanding Ostwald Ripening and Surface Charging Effects in Solvothermally-Prepared Metal Oxide/Carbon Anodes for High Performance Rechargeable Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1902194	21.8	40
448	Facile synthesis of hierarchical hexagonal flower-like WO ₃ ·0.33H ₂ O nanostructures with enhanced visible-light-driven photocatalytic activity. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019 , 27, 755-761	1.8	
447	Selenium Nanoparticles as an Efficient Nanomedicine for the Therapy of Huntington's Disease. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 34725-34735	9.5	50
446	Engineered Graphene Oxide Nanocomposite Capable of Preventing the Evolution of Antimicrobial Resistance. <i>ACS Nano</i> , 2019 , 13, 11488-11499	16.7	40
445	Graphene oxide (GO)-doping SnO ₂ flower-like structure to enhance photocatalytic activity. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019 , 27, 387-394	1.8	8
444	Graphene oxide (GO) doped CeO ₂ as potential enhancer of methyl orange degradation. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019 , 27, 344-350	1.8	2
443	Bio-inspired self-breathable structure driven by the volumetric effect: an unusual driving force of metal sulfide for high alkaline ion storage capability. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 5677-5684	13	15
442	ZnCl ₂ /Water-in-Salt/Electrolyte Transforms the Performance of Vanadium Oxide as a Zn Battery Cathode. <i>Advanced Functional Materials</i> , 2019 , 29, 1902653	15.6	124
441	Electron Compensation Effect Suppressed Silver Ion Release and Contributed Safety of Au@Ag Core-Shell Nanoparticles. <i>Nano Letters</i> , 2019 , 19, 4478-4489	11.5	33
440	Fatty Acid Quaternary Ammonium Surfactants Based on Renewable Resources as a Leveler for Copper Electroplating. <i>ChemElectroChem</i> , 2019 , 6, 3213-3213	4.3	
439	Significantly improved cycling stability for electrochemical hydrogen storage in Ti _{1.4} V _{0.6} Ni alloy with TiN. <i>Materials Research Bulletin</i> , 2019 , 118, 110509	5.1	6
438	Mesoporous yolk-shell ZnO/C microspheres as active ingredient of zinc anode with outstanding cycle stability and high rate performance. <i>Journal of Alloys and Compounds</i> , 2019 , 795, 391-400	5.7	12
437	Impact of Large-Scale Afforestation on Surface Temperature: A Case Study in the Kubuqi Desert, Inner Mongolia Based on the WRF Model. <i>Forests</i> , 2019 , 10, 368	2.8	3
436	Hydrothermal synthesis of hierarchical flower-like rCNTs/SnO ₂ architectures with enhanced photocatalytic activity. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019 , 27, 10-13	1.8	3
435	Ultrathin SnO ₂ nanosheets anchored on graphene with improved electrochemical kinetics for reversible lithium and sodium storage. <i>Applied Surface Science</i> , 2019 , 484, 646-654	6.7	21
434	Lithium dendrite-free plating/stripping: a new synergistic lithium ion solvation structure effect for reliable lithium-sulfur full batteries. <i>Chemical Communications</i> , 2019 , 55, 5713-5716	5.8	20

433	Ozonolysis of 3-carene in the atmosphere. Formation mechanism of hydroxyl radical and secondary ozonides. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 8081-8091	3.6	4
432	Theoretical assessment of wettability on silane coatings: from hydrophilic to hydrophobic. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 8257-8263	3.6	2
431	A rational design to buffer volume expansion of CoSn intermetallic in lithium and sodium storage: Multicore-shell versus monocoreshell. <i>Energy Storage Materials</i> , 2019 , 23, 629-635	19.4	17
430	Metal-Organic Coordination Strategy for Obtaining Metal-Decorated Mo-Based Complexes: Multi-dimensional Structural Evolution and High-Rate Lithium-Ion Battery Applications. <i>Chemistry - A European Journal</i> , 2019 , 25, 8813-8819	4.8	9
429	Different morphologies of strontium carbonate in water/ethylene glycol and their photocatalytic activity. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019 , 27, 46-51	1.8	3
428	Synthesis of Ce-doped GN/ZnO architectures with enhanced photocatalytic activity. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019 , 27, 28-32	1.8	
427	Spherical hybrid hierarchical porous structure: A plastic model with tunable inner pores for lithium-sulfur batteries. <i>Carbon</i> , 2019 , 153, 691-698	10.4	15
426	Synthesis, Surface Activity, and Antimicrobial Efficacy of Hydrogenated Cardanol-Derived Positively Charged Asymmetric Gemini Surfactants. <i>Journal of Surfactants and Detergents</i> , 2019 , 22, 1289-1298	1.9	1
425	Stability of Ligands on Nanoparticles Regulating the Integrity of Biological Membranes at the Nano-Lipid Interface. <i>ACS Nano</i> , 2019 , 13, 8680-8693	16.7	38
424	Synthesis of Hollow Spherical Zinc-Aluminum Hydrotalcite and Its Application as Zinc Anode Material. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A2589-A2596	3.9	3
423	Cellular Responses to Exposure to Outdoor Air from the Chinese Spring Festival at the Air-Liquid Interface. <i>Environmental Science & Technology</i> , 2019 , 53, 9128-9138	10.3	3
422	Argyrodite Solid Electrolyte with a Stable Interface and Superior Dendrite Suppression Capability Realized by ZnO Co-Doping. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 40808-40816	9.5	40
421	Highly degrade RhB solution ability based on CNTs-doped flower-like ZnO material. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019 , 27, 934-938	1.8	
420	Entropic elasticity and negative thermal expansion in a simple cubic crystal. <i>Science Advances</i> , 2019 , 5, eaay2748	14.3	15
419	Overexpression of maize sucrose non-fermenting-1-related protein kinase 1 genes, ZmSnRK1s, causes alteration in carbon metabolism and leaf senescence in <i>Arabidopsis thaliana</i> . <i>Gene</i> , 2019 , 691, 34-44	3.8	9
418	Carbon fiber@ pore-ZnO composite as anode materials for structural lithium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 833, 39-46	4.1	18
417	A lateral flow assay for copper(II) utilizing catalytic and stem-loop based signal amplification. <i>Mikrochimica Acta</i> , 2019 , 186, 82	5.8	11
416	Superhydrophobic SERS substrates based on silver dendrite-decorated filter paper for trace detection of nitenpyram. <i>Analytica Chimica Acta</i> , 2019 , 1049, 170-178	6.6	39

4 ¹⁵	Fabrication and electrochemical performance of flower-like ZnAl LDH/SnO ₂ composites for zinc-nickel secondary batteries. <i>Ionics</i> , 2019 , 25, 1715-1724	2.7	6
4 ¹⁴	Synthesis of rose-like ZnAl-LDH and its application in zinc-nickel secondary battery. <i>Nanotechnology</i> , 2019 , 30, 015602	3.4	7
4 ¹³	Facile synthesis of metal disulfides nanoparticles encapsulated by amorphous carbon composites as high-performance electrode materials for lithium storage. <i>Journal of Alloys and Compounds</i> , 2019 , 773, 97-104	5.7	11
4 ¹²	Immobilized Ferrous Ion and Glucose Oxidase on Graphdiyne and Its Application on One-Step Glucose Detection. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 2647-2654	9.5	56
4 ¹¹	Mechanism of Gas-Phase Ozonolysis of β -Myrcene in the Atmosphere. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 3013-3020	2.8	14
4 ¹⁰	Synthesis, Surface Activity, and Antimicrobial Efficacy of Diaryliodonium Salt-Derived Amphiphiles. <i>Journal of Surfactants and Detergents</i> , 2018 , 21, 323-334	1.9	
4 ⁰⁹	Facile synthesis of one-dimensional hollow Sb ₂ O ₃ @TiO ₂ composites as anode materials for lithium ion batteries. <i>Journal of Power Sources</i> , 2018 , 389, 214-221	8.9	39
4 ⁰⁸	A Kind of Coordination Complex Cement for the Self-Assembly of Superstructure. <i>ACS Nano</i> , 2018 , 12, 4002-4009	16.7	27
4 ⁰⁷	Advanced and safer lithium-ion battery based on sustainable electrodes. <i>Journal of Power Sources</i> , 2018 , 379, 53-59	8.9	18
4 ⁰⁶	Graphdiyne Nanosheet-Based Drug Delivery Platform for Photothermal/Chemotherapy Combination Treatment of Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 8436-8442	9.5	96
4 ⁰⁵	Electrochemical activation, voltage decay and hysteresis of Li-rich layered cathode probed by various cobalt content. <i>Electrochimica Acta</i> , 2018 , 265, 115-120	6.7	30
4 ⁰⁴	Response of Surface Temperature to Afforestation in the Kubuqi Desert, Inner Mongolia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 948-964	4.4	23
4 ⁰³	Improved electrochemical hydrogen storage capacity of Ti ₄₅ Zr ₃₈ Ni ₁₇ quasicrystal by addition of ZrH ₂ . <i>Journal of Materials Science and Technology</i> , 2018 , 34, 995-998	9.1	9
4 ⁰²	High alkaline ion storage capacity of hollow interwoven structured Sb/TiO particles: the galvanic replacement formation mechanism and volumetric buffer effect. <i>Chemical Communications</i> , 2018 , 54, 4049-4052	5.8	32
4 ⁰¹	Improvement in ion transport in Na ₃ PSe ₄ /Na ₃ SbSe ₄ by Sb substitution. <i>Journal of Materials Science</i> , 2018 , 53, 1987-1994	4.3	30
4 ⁰⁰	PAN-based carbon fiber@SnO ₂ for highly reversible structural lithium-ion battery anode. <i>Ionics</i> , 2018 , 24, 1049-1055	2.7	19
399	Formation of porous ZnO microspheres and its application as anode material with superior cycle stability in zinc-nickel secondary batteries. <i>Journal of Power Sources</i> , 2018 , 396, 615-620	8.9	28
398	Surface-functionalized graphite felts: Enhanced performance in cerium-based redox flow batteries. <i>Carbon</i> , 2018 , 138, 363-368	10.4	12

397	Mechanism and fate of cyclohexadienyl radicals with O ₂ in the atmosphere. A theoretical study. <i>Chemical Physics Letters</i> , 2018 , 707, 172-177	2.5	1
396	Gaseous sorption and electrochemical properties of rare-earth hydrogen storage alloys and their representative applications: A review of recent progress. <i>Science China Technological Sciences</i> , 2018 , 61, 1309-1318	3.5	4
395	Effect of Cinnamaldehyde on Morphological Alterations of and Expression of Key Genes Involved in Ochratoxin A Biosynthesis. <i>Toxins</i> , 2018 , 10,	4.9	25
394	Advanced Metal Oxide@Carbon Nanotubes for High-Energy Lithium-Ion Full Batteries. <i>Energy Technology</i> , 2018 , 6, 766-772	3.5	14
393	Nanosized Fe ₃ Ni ₂ -xP embedded phosphorus-doped carbon nanorods with superior lithium storage performance. <i>Energy Storage Materials</i> , 2018 , 12, 103-109	19.4	17
392	Sustainable solid-state strategy to hierarchical core-shell structured Fe ₃ O ₄ @graphene towards a safer and green sodium ion full battery. <i>Electrochimica Acta</i> , 2018 , 260, 882-889	6.7	32
391	Microwave-assisted synthesis of the sandwich-like porous Al ₂ O ₃ /RGO nanosheets anchoring NiO nanocomposite as anode materials for lithium-ion batteries. <i>Applied Surface Science</i> , 2018 , 427, 354-362	6.7	16
390	A high-rate aqueous rechargeable zinc ion battery based on the VS ₄ @rGO nanocomposite. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 23757-23765	13	120
389	Insight of Enhanced Redox Chemistry for Porous MoO Carbon-Derived Framework as Polysulfide Reservoir in Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 42286-42293	9.5	23
388	Facile synthesis of nitrogen-doped Sn@NC composites as high-performance anodes for lithium-ion batteries. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 22401-22408	6.7	10
387	Phytic Acid-Assisted Formation of Hierarchical Porous CoP/C Nanoboxes for Enhanced Lithium Storage and Hydrogen Generation. <i>ACS Nano</i> , 2018 , 12, 12238-12246	16.7	90
386	Primary Formation of Highly Oxidized Multifunctional Products in the OH-Initiated Oxidation of Isoprene: A Combined Theoretical and Experimental Study. <i>Environmental Science & Technology</i> , 2018 , 52, 12255-12264	10.3	25
385	Atmospheric Oxidation Mechanism of Sabinene Initiated by the Hydroxyl Radicals. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 8783-8793	2.8	3
384	Sn-based Intermetallic Compounds for Li-ion Batteries: Structures, Lithiation Mechanism, and Electrochemical Performances. <i>Energy and Environmental Materials</i> , 2018 , 1, 132-147	13	40
383	Bioinspired Architectures and Heteroatom Doping To Construct Metal-Oxide-Based Anode for High-Performance Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2018 , 24, 16902-16909	4.8	19
382	Gas-phase ozonolysis of furans, methylfurans, and dimethylfurans in the atmosphere. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 24735-24743	3.6	3
381	Unique Co ₃ O ₄ /nitrogen-doped carbon nanospheres derived from metal-organic framework: insight into their superior lithium storage capabilities and electrochemical features in high-voltage batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 12466-12474	13	66
380	RE ₃ N (RE = Y, Ce and Gd) alloys as anode materials for lithium-ion batteries. <i>New Journal of Chemistry</i> , 2018 , 42, 11525-11529	3.6	6

379	Morphology Evolution and Control of Mo-polydopamine Coordination Complex from 2D Single Nanopetal to Hierarchical Microflowers. <i>Small</i> , 2018 , 14, e1800090	11	26
378	Graphite felts modified by vertical two-dimensional WO nanowall arrays: high-performance electrode materials for cerium-based redox flow batteries. <i>Nanoscale</i> , 2018 , 10, 10705-10712	7.7	13
377	Metal organic frameworks route to prepare two-dimensional porous zinc-cobalt oxide plates as anode materials for lithium-ion batteries. <i>Journal of Power Sources</i> , 2018 , 396, 659-666	8.9	22
376	In situ synthesis of homogeneous Ce ₂ S ₃ /MoS ₂ composites and their electrochemical performance for lithium ion batteries. <i>RSC Advances</i> , 2017 , 7, 6309-6314	3.7	4
375	Two-step oxidation of bulk Sb to one-dimensional Sb ₂ O ₄ submicron-tubes as advanced anode materials for lithium-ion and sodium-ion batteries. <i>Chemical Engineering Journal</i> , 2017 , 315, 101-107	14.7	51
374	One-pot chemical route for morphology-controllable fabrication of Sn-Sb micro/nano-structures: Advanced anode materials for lithium and sodium storage. <i>Journal of Power Sources</i> , 2017 , 342, 861-871	8.9	38
373	Tin dioxide as a high-performance catalyst towards Ce(VI)/Ce(III) redox reactions for redox flow battery applications. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 5036-5043	13	15
372	Multipath colourimetric assay for copper(II) ions utilizing MarR functionalized gold nanoparticles. <i>Scientific Reports</i> , 2017 , 7, 41557	4.9	9
371	Constructing Dense SiO _x @Carbon Nanotubes versus Spinel Cathode for Advanced High-Energy Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2017 , 4, 1165-1171	4.3	37
370	Self-Assembly of Hierarchical Ni-Mo-Polydopamine Microflowers and their Conversion to a Ni-Mo C/C Composite for Water Splitting. <i>Chemistry - A European Journal</i> , 2017 , 23, 4644-4650	4.8	29
369	Atmospheric Oxidation Mechanism of Furfural Initiated by Hydroxyl Radicals. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 3247-3253	2.8	17
368	Microwave assisted hydrothermal synthesis of Ni _{1.5} Co _{1.5} S ₄ as high-performance electrode material for lithium storage. <i>Applied Surface Science</i> , 2017 , 414, 270-276	6.7	6
367	Enhanced electrochemical hydrogen storage performance of TiVNi composite employing NaAlH ₄ . <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 14633-14640	6.7	14
366	Metal-Organic Framework Template Synthesis of NiCoS@C Encapsulated in Hollow Nitrogen-Doped Carbon Cubes with Enhanced Electrochemical Performance for Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 18178-18186	9.5	80
365	Fabrication of Ce ₂ S ₃ /MoS ₂ composites via recrystallization-sulfurization method and their improved electrochemical performance for lithium-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 12297-12305	2.1	3
364	SERS Assay for Copper(II) Ions Based on Dual Hot-Spot Model Coupling with MarR Protein: New Cu-Specific Biorecognition Element. <i>Analytical Chemistry</i> , 2017 , 89, 6392-6398	7.8	24
363	CuO Nanorod Arrays Formed Directly on Cu Foil from MOFs as Superior Binder-Free Anode Material for Lithium-Ion Batteries. <i>ACS Energy Letters</i> , 2017 , 2, 1564-1570	20.1	52
362	Aflatoxin B inhibition in <i>Aspergillus flavus</i> by <i>Aspergillus niger</i> through down-regulating expression of major biosynthetic genes and AFB degradation by atoxigenic <i>A. flavus</i> . <i>International Journal of Food Microbiology</i> , 2017 , 256, 1-10	5.8	29

361	Recovery Phenomenon During Annealing of an As-Rapidly Solidified Al Alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2017 , 48, 3027-3035	2.3	1
360	Preparation of bamboo carbon fiber and sandwich-like bamboo carbon fiber@SnO ₂ @carbon composites and their potential application in structural lithium-ion battery anodes. <i>Journal of Alloys and Compounds</i> , 2017 , 709, 227-233	5.7	32
359	Hierarchical Porous Te@ZnCo ₂ O ₄ Nanofibers Derived from Te@Metal-Organic Frameworks for Superior Lithium Storage Capability. <i>Advanced Functional Materials</i> , 2017 , 27, 1604941	15.6	66
358	High electrochemical performance of nanoporous Fe ₃ O ₄ /CuO/Cu composites synthesized by dealloying Al-Cu-Fe quasicrystal. <i>Journal of Alloys and Compounds</i> , 2017 , 729, 360-369	5.7	17
357	A Meta-Analysis of Open-Path Eddy Covariance Observations of Apparent CO ₂ Flux in Cold Conditions in FLUXNET. <i>Journal of Atmospheric and Oceanic Technology</i> , 2017 , 34, 2475-2487	2	9
356	Large-Scale Fabrication of Core-Shell Structured C/SnO Hollow Spheres as Anode Materials with Improved Lithium Storage Performance. <i>Small</i> , 2017 , 13, 1701993	11	53
355	Self-Healing Superhydrophobic Materials Showing Quick Damage Recovery and Long-Term Durability. <i>Langmuir</i> , 2017 , 33, 9972-9978	4	41
354	Controllable fabrication of C/Sn and C/SnO/Sn composites as anode materials for high-performance lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2017 , 330, 1035-1043	14.7	57
353	Mechanism of gas-phase ozonolysis of sabinene in the atmosphere. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 24209-24218	3.6	12
352	A splice site mutation in shrunken1-m causes the shrunken 1 mutant phenotype in maize. <i>Plant Growth Regulation</i> , 2017 , 83, 429-439	3.2	8
351	Hierarchical Molybdenum Dioxide Microflowers Encapsulating Nickel Nanoparticles for High-Performance Lithium-Ion Battery Electrodes. <i>ChemElectroChem</i> , 2017 , 4, 2915-2920	4.3	7
350	Formation of Mo-Polydopamine Hollow Spheres and Their Conversions to MoO ₃ /C and Mo ₂ C/C for Efficient Electrochemical Energy Storage and Catalyst. <i>Small</i> , 2017 , 13, 1701246	11	96
349	Yolk@Shell or Concave Cubic NiO-CoO@C Nanocomposites Derived from Metal-Organic Frameworks for Advanced Lithium-Ion Battery Anodes. <i>Inorganic Chemistry</i> , 2017 , 56, 9794-9801	5.1	40
348	Atmospheric Oxidation of Furan and Methyl-Substituted Furans Initiated by Hydroxyl Radicals. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 9306-9319	2.8	20
347	Synthesis and performances of carbon fiber@Co ₃ O ₄ based on metal organic frameworks as anode materials for structural lithium-ion battery. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 807, 196-202	4.1	29
346	GdSn alloys and GdSn/graphene composites as anode materials for lithium-ion batteries. <i>New Journal of Chemistry</i> , 2017 , 41, 7992-7997	3.6	7
345	Formation of Highly Oxidized Radicals and Multifunctional Products from the Atmospheric Oxidation of Alkylbenzenes. <i>Environmental Science & Technology</i> , 2017 , 51, 8442-8449	10.3	69
344	Hierarchical porous CoNi/CoO/NiO composites derived from dealloyed quasicrystals as advanced anodes for lithium-ion batteries. <i>Scripta Materialia</i> , 2017 , 139, 30-33	5.6	14

343	Improved electrochemical performance of Ti _{1.4} V _{0.6} Ni hydrogen storage alloy in its composite with LiAlH ₄ . <i>Journal of Alloys and Compounds</i> , 2017 , 724, 1-7	5.7	5
342	Quantitative Security Assessment Method based on Entropy for Moving Target Defense 2017 ,		2
341	Enhanced electrochemical properties of Ti _{1.4} V _{0.6} Ni with Mo ₂ C or WC coating as negative electrodes for Ni-MH battery. <i>Journal of Alloys and Compounds</i> , 2017 , 695, 208-214	5.7	10
340	Enhanced cycling performance of Se-doped SnS carbon nanofibers as negative electrode for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2017 , 695, 1294-1300	5.7	21
339	A simplified two-fluid model coupled with EMMS drag for gas-solid flows. <i>Powder Technology</i> , 2017 , 314, 299-314	5.2	21
338	Selecting Appropriate Spatial Scale for Mapping Plastic-Mulched Farmland with Satellite Remote Sensing Imagery. <i>Remote Sensing</i> , 2017 , 9, 265	5	16
337	Signal-Amplified Lateral Flow Test Strip for Visual Detection of Cu ²⁺ . <i>PLoS ONE</i> , 2017 , 12, e0169345	3.7	2
336	C(OH): a potential histone deacetylase inhibitor with anti-angiogenic activity. <i>Nanoscale</i> , 2016 , 8, 16332-16339	12	12
335	RGO/Co ₃ O ₄ Composites Prepared Using GO-MOFs as Precursor for Advanced Lithium-ion Batteries and Supercapacitors Electrodes. <i>Electrochimica Acta</i> , 2016 , 215, 410-419	6.7	94
334	Highly uniform Co ₉ S ₈ nanoparticles grown on graphene nanosheets as advanced anode materials for improved Li-storage performance. <i>Applied Surface Science</i> , 2016 , 390, 86-91	6.7	13
333	Micellization of 4-Hydroxynaphthalimides: The Solvent-induced Aggregation and the Detection of Low-level Water in THF. <i>Chemistry Letters</i> , 2016 , 45, 1162-1164	1.7	2
332	Sb nanoparticles encapsulated into porous carbon matrixes for high-performance lithium-ion battery anodes. <i>Journal of Power Sources</i> , 2016 , 331, 16-21	8.9	72
331	Electron-hole asymmetry, Dirac fermions, and quantum magnetoresistance in BaMnBi ₂ . <i>Physical Review B</i> , 2016 , 93,	3.3	42
330	Lanthanum Pentafluorobenzoate-Catalyzed Aerobic Oxidative Olefination of Benzylamines with 2-Methylquinoline through Deamination and C-H Bond Functionalization. <i>Synlett</i> , 2016 , 27, 2481-2484	2.2	5
329	Facile fabrication of SnO ₂ @TiO ₂ core-shell structures as anode materials for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 12850-12857	13	68
328	Metabolic Characteristics of 16HBE and A549 Cells Exposed to Different Surface Modified Gold Nanorods. <i>Advanced Healthcare Materials</i> , 2016 , 5, 2363-75	10.1	25
327	A Core-Shell Fe/Fe ₂ O ₃ Nanowire as a High-Performance Anode Material for Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2016 , 22, 12081-7	4.8	33
326	A protein extraction method for low protein concentration solutions compatible with the proteomic analysis of rubber particles. <i>Electrophoresis</i> , 2016 , 37, 2930-2939	3.6	9

325	Coated/Sandwiched rGO/CoS _x Composites Derived from Metal-Organic Frameworks/GO as Advanced Anode Materials for Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2016 , 22, 1467-74	4.8	51
324	Fast and Energy Efficient Synthesis of ZnO@RGO and its Application in Ni/Zn Secondary Battery. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 12337-12343	3.8	43
323	Ti/Zn with graphene-mixing icosahedral quasicrystalline composites: Preparation, structure and its application in Ni/MH rechargeable batteries. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 1098-1103	6.7	13
322	Facile synthesis of symmetric bundle-like Sb ₂ S ₃ micron-structures and their application in lithium-ion battery anodes. <i>Chemical Communications</i> , 2016 , 52, 7691-4	5.8	52
321	One-step synthesis of Ni ₃ Sn ₂ @reduced graphene oxide composite with enhanced electrochemical lithium storage properties. <i>Electrochimica Acta</i> , 2016 , 192, 188-195	6.7	30
320	Influence of copper addition for silicon/carbon composite as anode materials for lithium ion batteries. <i>RSC Advances</i> , 2016 , 6, 56756-56764	3.7	6
319	Liquid-Exfoliated Black Phosphorous Nanosheet Thin Films for Flexible Resistive Random Access Memory Applications. <i>Advanced Functional Materials</i> , 2016 , 26, 2016-2024	15.6	137
318	Development of an eco-friendly immunochromatographic test strip and its application in detecting Hg ²⁺ without chelators. <i>RSC Advances</i> , 2016 , 6, 8729-8735	3.7	4
317	Pathophysiologic mechanisms of biomedical nanomaterials. <i>Toxicology and Applied Pharmacology</i> , 2016 , 299, 30-40	4.6	14
316	Direct Access to Acylated Azobenzenes and Amide Compounds by Reaction of Azoarenes with Benzylic Ethers as Acyl Equivalents. <i>Synthesis</i> , 2016 , 48, 1147-1158	2.9	6
315	Rapid Degradation and High Renal Clearance of Cu ₃ BiS ₃ Nanodots for Efficient Cancer Diagnosis and Photothermal Therapy in Vivo. <i>ACS Nano</i> , 2016 , 10, 4587-98	16.7	144
314	The atmospheric oxidation of dimethyl, diethyl, and diisopropyl ethers. The role of the intramolecular hydrogen shift in peroxy radicals. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 7707-14	3.6	14
313	A novel strategy to prepare Sb thin film sandwiched between the reduced graphene oxide and Ni foam as binder-free anode material for lithium-ion batteries. <i>Electrochimica Acta</i> , 2016 , 190, 804-810	6.7	31
312	Simple preparation of Cu ₆ Sn ₅ /Sn composites as anode materials for lithium-ion batteries. <i>RSC Advances</i> , 2016 , 6, 15279-15285	3.7	16
311	Enhanced electrochemical performance by a three-dimensional interconnected porous nitrogen-doped graphene/carbonized polypyrrole composite for lithium/sulfur batteries. <i>RSC Advances</i> , 2016 , 6, 26264-26270	3.7	15
310	Polyhydroxylated fullerenols regulate macrophage for cancer adoptive immunotherapy and greatly inhibit the tumor metastasis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 945-954	6	42
309	The Influence of Molecular Configuration on the Thermoelectrical Properties of Poly(3-hexylthiophene). <i>Journal of Electronic Materials</i> , 2016 , 45, 1389-1396	1.9	14
308	Concentric nano rings observed on Al-Cu-Fe microspheres. <i>Applied Physics Letters</i> , 2016 , 108, 223105	3.4	3

307	Identification and Characterization of a Glyoxalase I Gene in a Rapeseed Cultivar with Seed Thermotolerance. <i>Frontiers in Plant Science</i> , 2016 , 7, 150	6.2	15
306	Characterization of Sphere-like Structure in Aluminum based Alloy. <i>Microscopy and Microanalysis</i> , 2016 , 22, 2016-2017	0.5	
305	Green Immunochemical electrochemical biosensor for mercury(II). <i>Mikrochimica Acta</i> , 2016 , 183, 2509-2516	5.8	4
304	Nanostructured Carbon/Antimony Composites as Anode Materials for Lithium-Ion Batteries with Long Life. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2173-80	4.5	17
303	Synthesis of Porous NiO Nanorods as High-Performance Anode Materials for Lithium-Ion Batteries. <i>Particle and Particle Systems Characterization</i> , 2016 , 33, 764-770	3.1	24
302	Novel Signal-Amplified Fentirothion Electrochemical Assay, Based on Glassy Carbon Electrode Modified with Dispersed Graphene Oxide. <i>Scientific Reports</i> , 2016 , 6, 23409	4.9	13
301	Comparative Proteomics Reveals that Phosphorylation of Carbonic Anhydrase 1 Might be Important for Adaptation to Drought Stress in Brassica napus. <i>Scientific Reports</i> , 2016 , 6, 39024	4.9	21
300	Synthesis of polygonal Co ₃ Sn ₂ nanostructure with enhanced magnetic properties. <i>RSC Advances</i> , 2016 , 6, 39818-39822	3.7	9
299	Microstructure evolution and mechanical properties of Zr ₄₅ Ti ₅ Al ₁₀ V alloy processed by electric field-assisted extrusion. <i>Journal of Materials Research</i> , 2016 , 31, 3580-3587	2.5	
298	A novel method to prepare Ti _{1.4} V _{0.6} Ni alloy covered with carbon and nanostructured Co ₃ O ₄ , and its good electrochemical hydrogen storage properties as negative electrode material for Ni-MH battery. <i>Electrochimica Acta</i> , 2016 , 222, 1716-1723	6.7	19
297	Variation in fungal microbiome (mycobiome) and aflatoxins during simulated storage of in-shell peanuts and peanut kernels. <i>Scientific Reports</i> , 2016 , 6, 25930	4.9	23
296	Enhanced cycling stability of Ni-MH battery by depositing amorphous carbon film on the Ti _{1.4} V _{0.6} Ni negative electrode. <i>Diamond and Related Materials</i> , 2016 , 66, 10-15	3.5	5
295	Covalently Attached Liquids: Instant Omniphobic Surfaces with Unprecedented Repellency. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 244-8	16.4	192
294	Effect of MWNTs-addition on cathodic performance of Ti-V-Ni composites for Ni-MH batteries. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 9471-9475	6.7	10
293	Effect of LiH on electrochemical hydrogen storage properties of Ti 55 V 10 Ni 35 quasicrystal. <i>Solid State Sciences</i> , 2016 , 52, 19-22	3.4	10
292	Covalently Attached Liquids: Instant Omniphobic Surfaces with Unprecedented Repellency. <i>Angewandte Chemie</i> , 2016 , 128, 252-256	3.6	33
291	Facile synthesis of CuS/rGO composite with enhanced electrochemical lithium-storage properties through microwave-assisted hydrothermal method. <i>Electrochimica Acta</i> , 2016 , 203, 238-245	6.7	41
290	Fabrication of One-Dimensional Sb@TiO ₂ Composites as Anode Materials for Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2016 , 163, A2641-A2646	3.9	15

289	Evaluation of the catalytic effect of non-noble bismuth on the lead half-cell reaction for lead-based redox flow batteries. <i>RSC Advances</i> , 2016 , 6, 56399-56405	3.7	7
288	FeS ₂ @C nanowires derived from organic-inorganic hybrid nanowires for high-rate and long-life lithium-ion batteries. <i>Journal of Power Sources</i> , 2016 , 328, 56-64	8.9	62
287	Preparation of a graphitic N-doped multi-walled carbon nanotube composite for lithium-sulfur batteries with long-life and high specific capacity. <i>RSC Advances</i> , 2016 , 6, 76568-76574	3.7	9
286	Vacancy-Contained Tetragonal NaSbS Superionic Conductor. <i>Advanced Science</i> , 2016 , 3, 1600089	13.6	115
285	Capillary-bridge-derived particles with negative Gaussian curvature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 2664-9	11.5	12
284	SnO ₂ nanocrystals anchored on N-doped graphene for high-performance lithium storage. <i>Chemical Communications</i> , 2015 , 51, 3660-2	5.8	31
283	A bare-eye based one-step signal amplified semiquantitative immunochromatographic assay for the detection of imidacloprid in Chinese cabbage samples. <i>Analytica Chimica Acta</i> , 2015 , 881, 82-9	6.6	34
282	An enzyme-linked chemiluminescent immunoassay developed for detection of Butocarboxim from agricultural products based on monoclonal antibody. <i>Food Chemistry</i> , 2015 , 166, 372-379	8.5	12
281	Gd-Metallofullerenol Nanomaterial Suppresses Pancreatic Cancer Metastasis by Inhibiting the Interaction of Histone Deacetylase 1 and Metastasis-Associated Protein 1. <i>ACS Nano</i> , 2015 , 9, 6826-36	16.7	55
280	A cerium-lead redox flow battery system employing supporting electrolyte of methanesulfonic acid. <i>Journal of Power Sources</i> , 2015 , 295, 28-32	8.9	23
279	Enhanced thermoelectric power and electronic correlations in RuSe ₂ . <i>APL Materials</i> , 2015 , 3, 041513	5.7	10
278	Interaction of gold nanoparticles with proteins and cells. <i>Science and Technology of Advanced Materials</i> , 2015 , 16, 034610	7.1	122
277	Effect of Li on electrochemical properties of Ti _{1.4} V _{0.6} Ni quasicrystal alloy produced by rapid quenching. <i>Intermetallics</i> , 2015 , 62, 50-55	3.5	3
276	Effect of Li atom infiltration by the way of electro-osmosis on electrochemical properties of amorphous Mg ₆₅ Ni ₂₇ La ₈ alloy used as negative electrode materials for the nickel-metal hydride secondary batteries. <i>Journal of Non-Crystalline Solids</i> , 2015 , 415, 30-35	3.9	4
275	PANI/graphene nanocomposite films with high thermoelectric properties by enhanced molecular ordering. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 7086-7092	13	170
274	In vivo pharmacokinetic features and biodistribution of star and rod shaped gold nanoparticles by multispectral optoacoustic tomography. <i>RSC Advances</i> , 2015 , 5, 7529-7538	3.7	33
273	Effect of Sc substitution on hydrogen storage properties of Ti _{1-x} Cr _x Mn alloys. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 6860-6865	6.7	12
272	The Atmospheric Oxidation Mechanism of Benzyl Alcohol Initiated by OH Radicals: The Addition Channels. <i>ChemPhysChem</i> , 2015 , 16, 1542-50	3.2	10

271	Fabrication of coupled twin-shaped hollow hemispherical calcium molybdate via a facile ultrasound-assisted approach. <i>CrystEngComm</i> , 2015 , 17, 2444-2449	3.3	5
270	Gadolinium(III)-Chelated Silica Nanospheres Integrating Chemotherapy and Photothermal Therapy for Cancer Treatment and Magnetic Resonance Imaging. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 25014-23	9.5	62
269	Electrochemical hydrogen storage properties of Ti1.4V0.6Ni alloy comprising quasicrystal coating with Cu. <i>Journal of Alloys and Compounds</i> , 2015 , 650, 15-21	5.7	26
268	Carbon-Doped ZnO Nanostructures: Facile Synthesis and Visible Light Photocatalytic Applications. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 20544-20554	3.8	163
267	The atmospheric oxidation mechanism of 2-methylnaphthalene. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 23413-22	3.6	12
266	Impact of pH on Morphology and Electrochemical Performance of LiFePO ₄ as Cathode for Lithium-ion Batteries. <i>Integrated Ferroelectrics</i> , 2015 , 164, 98-102	0.8	0
265	Silver nanoparticles impede phorbol myristate acetate-induced monocyte-macrophage differentiation and autophagy. <i>Nanoscale</i> , 2015 , 7, 16100-9	7.7	48
264	Wearable non-volatile memory devices based on topological insulator Bi ₂ Se ₃ /Pt fibers. <i>Applied Physics Letters</i> , 2015 , 107, 103109	3.4	7
263	Solvothermal synthesis of GO/V ₂ O ₅ composites as a cathode material for rechargeable magnesium batteries. <i>RSC Advances</i> , 2015 , 5, 76352-76355	3.7	40
262	Ferroxidase-like activity of Au nanorod/Pt nanodot structures and implications for cellular oxidative stress. <i>Nano Research</i> , 2015 , 8, 4024-4037	10	21
261	Ni coated Ti _{1.4} V _{0.6} Ni composite as the negative electrode in NiMH battery. <i>Materials Letters</i> , 2015 , 161, 686-689	3.3	9
260	Mesoporous MFe ₂ O ₄ (M = Mn, Co, and Ni) for anode materials of lithium-ion batteries: Synthesis and electrochemical properties. <i>Materials Research Bulletin</i> , 2015 , 61, 195-200	5.1	18
259	Fast intracellular dissolution and persistent cellular uptake of silver nanoparticles in CHO-K1 cells: implication for cytotoxicity. <i>Nanotoxicology</i> , 2015 , 9, 181-9	5.3	131
258	Solid Electrolytes: Na ₃ PSe ₄ : A Novel Chalcogenide Solid Electrolyte with High Ionic Conductivity (Adv. Energy Mater. 24/2015). <i>Advanced Energy Materials</i> , 2015 , 5,	21.8	2
257	Pd(OAc) ₂ /PPh ₃ -Catalyzed Desulfonylative Homocoupling of Arylsulfonyl Chlorides. <i>Chinese Journal of Chemistry</i> , 2015 , 33, 535-538	4.9	5
256	A Facile Molten-Salt Route for Large-Scale Synthesis of NiFe ₂ O ₄ Nanoplates with Enhanced Lithium Storage Capability. <i>Chemistry - A European Journal</i> , 2015 , 21, 14140-5	4.8	29
255	Na ₃ PSe ₄ : A Novel Chalcogenide Solid Electrolyte with High Ionic Conductivity. <i>Advanced Energy Materials</i> , 2015 , 5, 1501294	21.8	156
254	Inhibitory Effect of Cinnamaldehyde, Citral, and Eugenol on Aflatoxin Biosynthetic Gene Expression and Aflatoxin B ₁ Biosynthesis in <i>Aspergillus flavus</i> . <i>Journal of Food Science</i> , 2015 , 80, M2917-24	3.4	50

- 253 Dual Doping: An Effective Method to Enhance the Electrochemical Properties of Li₁₀GeP₂S₁₂-Based Solid Electrolytes. *Journal of the American Ceramic Society*, **2015**, 98, 3831-3835 3.8 25
- 252 Synthesis and Characterization of Dibenzo[a,d]cyclohepten-5-one Derivatives for Light-Emitting Diodes. *Chinese Journal of Chemistry*, **2015**, 33, 948-954 4.9 5
- 251 Mapping of Daily Mean Air Temperature in Agricultural Regions Using Daytime and Nighttime Land Surface Temperatures Derived from TERRA and AQUA MODIS Data. *Remote Sensing*, **2015**, 7, 8728-8756⁵ 4¹
- 250 Carbonaceous photonic crystals as ultralong cycling anodes for lithium and sodium batteries. *Journal of Materials Chemistry A*, **2015**, 3, 13786-13793 13 17
- 249 Use of Synchrotron Radiation-Analytical Techniques To Reveal Chemical Origin of Silver-Nanoparticle Cytotoxicity. *ACS Nano*, **2015**, 9, 6532-47 16.7 17¹
- 248 Microstructure, texture and mechanical properties of extruded Mg₉₁Al₇Nd_{0.2}Mn alloy. *Journal of Alloys and Compounds*, **2015**, 653, 100-107 5.7 18
- 247 Electrochemical hydrogen storage properties of Ti_{1.4}V_{0.6}Ni quasicrystal and TiH composite materials. *Journal of Alloys and Compounds*, **2015**, 630, 158-162 5.7 4
- 246 Effect of Li on structure and electrochemical hydrogen storage properties of Ti₅₅V₁₀Ni₃₅ quasicrystal alloy. *International Journal of Hydrogen Energy*, **2015**, 40, 3015-3022 6.7 9
- 245 Chemiluminescence reaction kinetics-resolved multianalyte immunoassay strategy using a bispecific monoclonal antibody as the unique recognition reagent. *Analytical Chemistry*, **2015**, 87, 2952-8^{7.8} 5²
- 244 Using hollow carbon nanospheres as a light-induced free radical generator to overcome chemotherapy resistance. *Journal of the American Chemical Society*, **2015**, 137, 1947-55 16.4 16⁴
- 243 Metal organic frameworks route to in situ insertion of multiwalled carbon nanotubes in Co₃O₄ polyhedra as anode materials for lithium-ion batteries. *ACS Nano*, **2015**, 9, 1592-9 16.7 4¹⁰
- 242 Bismuth sulfide nanorods as a precision nanomedicine for in vivo multimodal imaging-guided photothermal therapy of tumor. *ACS Nano*, **2015**, 9, 696-707 16.7 4³⁰
- 241 Gd-metallofullerenol nanomaterial as non-toxic breast cancer stem cell-specific inhibitor. *Nature Communications*, **2015**, 6, 5988 17.4 13⁵
- 240 Synthesis of single-crystalline LiFePO₄ with rhombus-like morphology. *Ionics*, **2015**, 21, 295-299 2.7 4
- 239 Electrochemical hydrogen storage properties of Ti_xV_{65-x}Ni₃₅ (x=45, 55) alloys produced by rapid-quenching. *Materials Letters*, **2015**, 141, 291-293 3.3 2
- 238 New mechanism for the atmospheric oxidation of dimethyl sulfide. The importance of intramolecular hydrogen shift in a CH₃CH₂SO radical. *Journal of Physical Chemistry A*, **2015**, 119, 112-7 2.8 3¹
- 237 Anisotropic giant magnetoresistance in NbSb₂. *Scientific Reports*, **2014**, 4, 7328 4.9 12⁵
- 236 Phase transitions, mechanical properties and electronic structures of novel boron phases under high-pressure: a first-principles study. *Scientific Reports*, **2014**, 4, 6786 4.9 13

235	Effect of aspect ratio and surface defects on the photocatalytic activity of ZnO nanorods. <i>Scientific Reports</i> , 2014 , 4, 4596	4.9	624
234	Hydrogen storage properties of Ti _{1.4} V _{0.6} Ni _{1-x} Mg (x=0, 0.1, 0.2, wt.%) alloys. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 3313-3319	6.7	14
233	Integrated analytical techniques with high sensitivity for studying brain translocation and potential impairment induced by intranasally instilled copper nanoparticles. <i>Toxicology Letters</i> , 2014 , 226, 70-80	4.4	34
232	Preparation and electrochemical performances of LiFePO ₄ /C composite nanobelts via facile electrospinning. <i>Journal of Materials Science: Materials in Electronics</i> , 2014 , 25, 1040-1046	2.1	9
231	First-principles investigations on thermodynamic properties of the ordered and disordered Si _{0.5} Ge _{0.5} alloys. <i>Applied Physics A: Materials Science and Processing</i> , 2014 , 115, 667-670	2.6	8
230	A new colorimetric and fluorescent bifunctional probe for Cu ²⁺ and F ⁻ ions based on perylene bisimide derivatives. <i>Tetrahedron Letters</i> , 2014 , 55, 3218-3222	2	42
229	Core-shell NiFe ₂ O ₄ @TiO ₂ nanorods: an anode material with enhanced electrochemical performance for lithium-ion batteries. <i>Chemistry - A European Journal</i> , 2014 , 20, 11214-9	4.8	58
228	Atmospheric oxidation mechanism of m-xylene initiated by OH radical. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 10778-87	2.8	46
227	Microwave-assisted hydrothermal synthesis of graphene-wrapped CuO hybrids for lithium ion batteries. <i>RSC Advances</i> , 2014 , 4, 51362-51365	3.7	13
226	Controlled construction of hierarchical Co _{1-x} S structures as high performance anode materials for lithium ion batteries. <i>CrystEngComm</i> , 2014 , 16, 814-819	3.3	61
225	Hierarchical NiFe ₂ O ₄ /Fe ₂ O ₃ nanotubes derived from metal organic frameworks for superior lithium ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 8048-8053	13	203
224	Enhanced electrochemical performances of FeOx/graphene nanocomposites as anode materials for alkaline nickel-ion batteries. <i>RSC Advances</i> , 2014 , 4, 15394-15399	3.7	43
223	Facile fabrication of mesoporous N-doped Fe ₃ O ₄ @C nanospheres as superior anodes for Li-ion batteries. <i>RSC Advances</i> , 2014 , 4, 713-716	3.7	15
222	Au@Pt nanostructures: a novel photothermal conversion agent for cancer therapy. <i>Nanoscale</i> , 2014 , 6, 3670-8	7.7	56
221	The atmospheric oxidation mechanism of 1,2,4-trimethylbenzene initiated by OH radicals. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 17908-17	3.6	27
220	Metal-organic framework derived Fe ₂ O ₃ @NiCo ₂ O ₄ porous nanocages as anode materials for Li-ion batteries. <i>Nanoscale</i> , 2014 , 6, 5509-15	7.7	147
219	Inhibition of Cancer Cell Migration by Gold Nanorods: Molecular Mechanisms and Implications for Cancer Therapy. <i>Advanced Functional Materials</i> , 2014 , 24, 6922-6932	15.6	53
218	Controlled Incorporation of Ni(OH) ₂ Nanoplates Into Flowerlike MoS ₂ Nanosheets for Flexible All-Solid-State Supercapacitors. <i>Advanced Functional Materials</i> , 2014 , 24, 6700-6707	15.6	128

217	Atmospheric oxidation mechanism of toluene. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 4533-47	2.8	81
216	High temperature performance of La _{0.6} Ce _{0.4} Ni _{3.45} Co _{0.75} Mn _{0.7} Al _{0.1} hydrogen storage alloy for nickel/metal hydride batteries. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 13231-13239	6.7	16
215	Liquid marbles supported by monodisperse poly(methylsilsesquioxane) particles. <i>Langmuir</i> , 2014 , 30, 9071-5	4	41
214	Large thermoelectric power factor in polyaniline/graphene nanocomposite films prepared by solution-assistant dispersing method. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 11107	13	106
213	A bare-eye-based lateral flow immunoassay based on the use of gold nanoparticles for simultaneous detection of three pesticides. <i>Mikrochimica Acta</i> , 2014 , 181, 1565-1572	5.8	57
212	The synergic regulation of conductivity and Seebeck coefficient in pure polyaniline by chemically changing the ordered degree of molecular chains. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 2634-2640	13	107
211	Freestanding MnO ₂ @carbon papers air electrodes for rechargeable Li-O ₂ batteries. <i>Journal of Power Sources</i> , 2014 , 261, 311-316	8.9	49
210	Atmospheric oxidation mechanism of chlorobenzene. <i>Chemosphere</i> , 2014 , 111, 537-44	8.4	13
209	Heat shock protein 27 is involved in PCV2 infection in PK-15 cells. <i>Virus Research</i> , 2014 , 189, 235-42	6.4	11
208	Fe-salphen complexes from intracellular pH-triggered degradation of Fe ₃ O ₄ @Salphen-InIII CPPs for selectively killing cancer cells. <i>Biomaterials</i> , 2014 , 35, 1676-85	15.6	24
207	Extraction of Metastable Icosahedral Quasicrystalline Nanoparticles from Zirconium and Hafnium Based Metallic Glasses. <i>Microscopy and Microanalysis</i> , 2014 , 20, 1484-1485	0.5	
206	Cytotoxic potential of silver nanoparticles. <i>Yonsei Medical Journal</i> , 2014 , 55, 283-91	3	260
205	Simple and improved approaches to long-lasting, hydrophilic silicones derived from commercially available precursors. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 22876-83	9.5	32
204	Influence of Sc on Microstructure and Mechanical Properties of High Zn-Containing Mg Alloy. <i>Advances in Materials Science and Engineering</i> , 2014 , 2014, 1-5	1.5	1
203	Polyhydroxylated metallofullerenols stimulate IL-1 β secretion of macrophage through TLRs/MyD88/NF- κ B pathway and NLRP3 inflammasome activation. <i>Small</i> , 2014 , 10, 2362-72	11	80
202	Novel Insights into Combating Cancer Chemotherapy Resistance Using a Plasmonic Nanocarrier: Enhancing Drug Sensitiveness and Accumulation Simultaneously with Localized Mild Photothermal Stimulus of Femtosecond Pulsed Laser. <i>Advanced Functional Materials</i> , 2014 , 24, 4229-4239	15.6	110
201	Structure Design and Performance of LiNi _x Co _y Mn _{1-x-y} O ₂ Cathode Materials for Lithium-ion Batteries: A Review. <i>Journal of the Chinese Chemical Society</i> , 2014 , 61, 1071-1083	1.5	16
200	Abnormally enhanced thermoelectric transport properties of SWNT/PANI hybrid films by the strengthened PANI molecular ordering. <i>Energy and Environmental Science</i> , 2014 , 7, 3801-3807	35.4	236

199	Surface chemistry of gold nanorods: origin of cell membrane damage and cytotoxicity. <i>Nanoscale</i> , 2013 , 5, 8384-91	7.7	112
198	Electrochemical hydrogen storage characteristics of TiVNi-quasicrystalline composite materials. <i>International Journal of Nanotechnology</i> , 2013 , 10, 80	1.5	
197	Electrospinning fabrication and electrochemical properties of LiFePO ₄ /C composite nanofibers. <i>Journal of Materials Science: Materials in Electronics</i> , 2013 , 24, 4263-4269	2.1	15
196	Morphologically virus-like fullerene nanoparticles act as the dual-functional nanoadjuvant for HIV-1 vaccine. <i>Advanced Materials</i> , 2013 , 25, 5928-36	24	95
195	Preparation and luminescence of La ₂ O ₃ :Ln ³⁺ (Ln ³⁺ = Eu ³⁺ , Tb ³⁺ , Dy ³⁺ , Sm ³⁺ , Er ³⁺ , Ho ³⁺ , Tm ³⁺ , Yb ³⁺ /Er ³⁺ , Yb ³⁺ /Ho ³⁺) microspheres. <i>RSC Advances</i> , 2013 , 3, 1410-1419	3.7	37
194	Lattice Boltzmann based discrete simulation for gas-solid fluidization. <i>Chemical Engineering Science</i> , 2013 , 101, 228-239	4.4	35
193	Effect of Ce on electrochemical properties of the TiVNi quasicrystal material as an anode for Ni/MH batteries. <i>International Journal of Hydrogen Energy</i> , 2013 , 38, 14810-14815	6.7	7
192	Atmospheric oxidation mechanism of phenol initiated by OH radical. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 2358-64	2.8	37
191	Atmospheric oxidation mechanism of 2,7-dimethylnaphthalene is different from that of monocyclic aromatic benzenes. A theoretical study. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 160-8	2.8	20
190	Pressure-induced pseudoatom bonding collapse and isosymmetric phase transition in Zr ₂ Cu: first-principles predictions. <i>Journal of Chemical Physics</i> , 2013 , 139, 234504	3.9	10
189	Hydrothermal synthesis and characterization of MnCo ₂ O ₄ in the low-temperature hydrothermal process: Their magnetism and electrochemical properties. <i>Journal of Advanced Ceramics</i> , 2013 , 2, 266-273	10.7	16
188	Coaxial electrospinning fabrication and electrochemical properties of LiFePO ₄ /C/Ag composite hollow nanofibers. <i>Journal of Materials Science: Materials in Electronics</i> , 2013 , 24, 4718-4724	2.1	17
187	Multi-analyte enzyme-linked immunosorbent assay for organophosphorus pesticides and neonicotinoid insecticides using a bispecific monoclonal antibody. <i>Analytical Methods</i> , 2013 , 5, 1556	3.2	24
186	Inhibitory effects of multiwall carbon nanotubes with high iron impurity on viability and neuronal differentiation in cultured PC12 cells. <i>Toxicology</i> , 2013 , 313, 49-58	4.4	53
185	A composite based on Fe substituted TiVNi alloy: Synthesis, structure and electrochemical hydrogen storage property. <i>Intermetallics</i> , 2013 , 34, 18-22	3.5	4
184	A retrievable and highly selective fluorescent probe for monitoring dihydrogen phosphate ions based on a naphthalimide framework. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 114, 323-9	4.4	26
183	Icosahedral quasicrystalline (Ti _{1.6} V _{0.4} Ni) _{100-x} Sc _x alloys: Synthesis, structure and their application in Ni-MH batteries. <i>Journal of Solid State Chemistry</i> , 2013 , 202, 1-5	3.3	13
182	Revealing the binding structure of the protein corona on gold nanorods using synchrotron radiation-based techniques: understanding the reduced damage in cell membranes. <i>Journal of the American Chemical Society</i> , 2013 , 135, 17359-68	16.4	191

181	Preparation and characterization of MnFe ₂ O ₄ in the solvothermal process: Their magnetism and electrochemical properties. <i>Materials Research Bulletin</i> , 2013 , 48, 2511-2516	5.1	41
180	Highly selective fluorescence turn-on chemosensor based on naphthalimide derivatives for detection of copper(II) ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 105, 57-61	4.4	49
179	Synthesis of rhombic hierarchical YF ₃ nanocrystals and their use as upconversion photocatalysts after TiO ₂ coating. <i>Nanoscale</i> , 2013 , 5, 3030-6	7.7	75
178	Novel $\text{Cu}_{0.95}\text{V}_2\text{O}_5$ hollow microspheres and CuV_2O_6 nanograins: Facile synthesis and application in lithium-ion batteries. <i>Journal of Power Sources</i> , 2013 , 237, 112-118	8.9	29
177	Shear distortion and failure of capillary bridges. Wetting information beyond contact angle analysis. <i>Langmuir</i> , 2013 , 29, 7776-81	4	9
176	Development and analytical validation of an Enzyme-Linked Immunosorbent Assay (ELISA) for the detection of copper in human hair and serum samples. <i>Analytical Methods</i> , 2013 , 5, 2578	3.2	1
175	Selective metabolic effects of gold nanorods on normal and cancer cells and their application in anticancer drug screening. <i>Biomaterials</i> , 2013 , 34, 7117-26	15.6	71
174	Short multiwall carbon nanotubes promote neuronal differentiation of PC12 cells via up-regulation of the neurotrophin signaling pathway. <i>Small</i> , 2013 , 9, 1786-98	11	43
173	Hydrophobization of inorganic oxide surfaces using dimethylsilanediol. <i>Langmuir</i> , 2013 , 29, 1329-32	4	17
172	Atmospheric oxidation mechanism of benzene. Fates of alkoxy radical intermediates and revised mechanism. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 14163-8	2.8	40
171	Coarsening of silver nanoparticles in polyelectrolyte multilayers. <i>Langmuir</i> , 2013 , 29, 11413-9	4	11
170	Multiwall carbon nanotubes mediate macrophage activation and promote pulmonary fibrosis through TGF- β /Smad signaling pathway. <i>Small</i> , 2013 , 9, 3799-811	11	103
169	Intensive suppression of thermal conductivity in Nd _{0.6} Fe ₂ Co ₂ Sb _{12-x} Gex through spontaneous precipitates. <i>Journal of Applied Physics</i> , 2013 , 114, 083715	2.5	18
168	Investigation on the Structure and Electrochemical Properties of La-Ce-Mg-Al-Ni Hydrogen Storage Alloy. <i>Journal of Chemistry</i> , 2013 , 2013, 1-6	2.3	1
167	Magnetic states of the two-leg-ladder alkali metal iron selenides AFe ₂ Se ₃ . <i>Physical Review B</i> , 2013 , 87,	3.3	51
166	Effects of disordered Ru substitution in BaFe ₂ As ₂ : possible realization of superdiffusion in real materials. <i>Physical Review Letters</i> , 2013 , 110, 037001	7.4	22
165	Structures and energetics of SiGeHz _{0,+1} , Ge ₂ H _{z0,+1} , and Si ₂ H _{z0,+1} : A systematic theoretical study. <i>International Journal of Mass Spectrometry</i> , 2012 , 311, 56-63	1.9	2
164	Microstructure, texture and mechanical properties of a hot rolled Mg _{0.5} Gd _{0.3} Nd _{0.7} Y _{0.3} Zn alloy. <i>Materials & Design</i> , 2012 , 34, 776-781		44

163	Ti1.4V0.6Ni quasicrystal and its composites with xV18Ti15Zr18Ni29Cr5Co7Mn alloy used as negative electrode materials for the nickel-metal hydride (NiMH) secondary batteries. <i>Materials Letters</i> , 2012 , 79, 122-124	3.3	9
162	Mesoporous silica-coated gold nanorods as a light-mediated multifunctional theranostic platform for cancer treatment. <i>Advanced Materials</i> , 2012 , 24, 1418-23	24	788
161	Microstructures and Mechanical Properties of As-Cast and Hot-Rolled Mg-8.43Li-0.353Ymm (Y-riched mismatch) Alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2012 , 43, 709-715	2.3	13
160	The oxidation mechanism of polychlorinated dibenzo-p-dioxins under the atmospheric conditions - a theoretical study. <i>Chemosphere</i> , 2012 , 89, 950-6	8.4	14
159	Self-assembled large-area Co(OH) ₂ nanosheets/ionic liquid modified graphene heterostructures toward enhanced energy storage. <i>Journal of Materials Chemistry</i> , 2012 , 22, 3404		78
158	Self-assembled growth of LuVO ₄ nanoleaves: hydrothermal synthesis, morphology evolution, and luminescence properties. <i>RSC Advances</i> , 2012 , 2, 11067	3.7	23
157	The dose-dependent toxicological effects and potential perturbation on the neurotransmitter secretion in brain following intranasal instillation of copper nanoparticles. <i>Nanotoxicology</i> , 2012 , 6, 562-75	5.3	52
156	Effect of yttrium addition on the formation and mechanical properties of Ti ₂ ZrNiCu bulk quasicrystalline alloys. <i>Journal of Alloys and Compounds</i> , 2012 , 522, 96-100	5.7	5
155	Twinning and dynamic precipitation upon hot compression of a Mg _{0.6} Gd _{0.4} Nd _{0.2} Zr alloy. <i>Journal of Alloys and Compounds</i> , 2012 , 525, 103-109	5.7	36
154	Electrochemical properties of Ti-based Quasicrystal and ZrV ₂ Laves phase alloy composite materials as negative electrode for NiMH secondly batteries. <i>Journal of Non-Crystalline Solids</i> , 2012 , 358, 1846-1849	3.9	10
153	Atmospheric oxidation mechanism of naphthalene initiated by OH radical. A theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 2645-50	3.6	50
152	High aspect ratio MnOOH nanowires for high performance rechargeable nonaqueous lithium-oxygen batteries. <i>Chemical Communications</i> , 2012 , 48, 7598-600	5.8	106
151	General and facile method to fabricate uniform Y ₂ O ₃ :Ln ³⁺ (Ln ³⁺ = Eu ³⁺ , Tb ³⁺) hollow microspheres using polystyrene spheres as templates. <i>Journal of Materials Chemistry</i> , 2012 , 22, 21695		54
150	MnO ₂ hollow clews for rechargeable Li-air batteries with improved cyclability. <i>Science Bulletin</i> , 2012 , 57, 4210-4214		18
149	Two-dimensional Dirac fermions and quantum magnetoresistance in CaMnBi ₂ . <i>Physical Review B</i> , 2012 , 85,	3.3	82
148	Surface-engineered gold nanorods: promising DNA vaccine adjuvant for HIV-1 treatment. <i>Nano Letters</i> , 2012 , 12, 2003-12	11.5	248
147	Synthesis and performance of polyurethane coated urea as slow/controlled release fertilizer. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2012 , 27, 126-129	1	27
146	Large-scale DNS of gas-solid flows on Mole-8.5. <i>Chemical Engineering Science</i> , 2012 , 71, 422-430	4.4	100

145	Large magnetothermopower effect in Dirac materials (Sr/Ca)MnBi ₂ . <i>Applied Physics Letters</i> , 2012 , 100, 112111	3.4	23
144	The contributions of metal impurities and tube structure to the toxicity of carbon nanotube materials. <i>NPG Asia Materials</i> , 2012 , 4, e32-e32	10.3	89
143	Development of an enzyme linked immunosorbent assay and an immunochromatographic assay for detection of organophosphorus pesticides in different agricultural products. <i>PLoS ONE</i> , 2012 , 7, e53099	3.7	27
142	Controlling assembly of paired gold clusters within apoferritin nanoreactor for in vivo kidney targeting and biomedical imaging. <i>Journal of the American Chemical Society</i> , 2011 , 133, 8617-24	16.4	239
141	Effects of Metal Ions and Ligand Functionalization on Hydrogen Storage in Metal-Organic Frameworks by Spillover. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 13829-13836	3.8	29
140	Selective targeting of gold nanorods at the mitochondria of cancer cells: implications for cancer therapy. <i>Nano Letters</i> , 2011 , 11, 772-80	11.5	413
139	Full assessment of fate and physiological behavior of quantum dots utilizing <i>Caenorhabditis elegans</i> as a model organism. <i>Nano Letters</i> , 2011 , 11, 3174-83	11.5	188
138	Surface defects in polyelectrolyte multilayers: Effects of drying and deposition cycle. <i>Soft Matter</i> , 2011 , 7, 4851	3.6	16
137	Detection of sulfur dioxide by cavity ring-down spectroscopy. <i>Environmental Science & Technology</i> , 2011 , 45, 1926-31	10.3	9
136	Electrochemical hydrogen storage properties of non-stoichiometric La _{0.7} Mg _{0.3} CaxNi _{2.8} Co _{0.5} (x = 0.10) electrode alloys. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 5280-5284	5.7	4
135	Cinnabar is not converted into methylmercury by human intestinal bacteria. <i>Journal of Ethnopharmacology</i> , 2011 , 135, 110-5	5	24
134	Synthesis and characterization of ZnO/n-ZnO ₂ junction structure. <i>Materials Letters</i> , 2011 , 65, 113-115	3.3	1
133	Quinary icosahedral quasicrystalline Ti ₄₀ Ni ₃₀ Mn ₁₀ Cr alloy: A novel anode material for Ni-MH rechargeable batteries. <i>Materials Letters</i> , 2011 , 65, 2868-2871	3.3	12
132	Intracellular dynamics of cationic and anionic polystyrene nanoparticles without direct interaction with mitotic spindle and chromosomes. <i>Biomaterials</i> , 2011 , 32, 8291-303	15.6	128
131	Meso-scale oriented simulation towards virtual process engineering (VPE) - The EMMS Paradigm. <i>Chemical Engineering Science</i> , 2011 , 66, 4426-4458	4.4	107
130	Atmospheric oxidation mechanisms of polychlorinated dibenzo-p-dioxins are different from those of benzene and dibenzofuran: a theoretical prediction. <i>Chemosphere</i> , 2011 , 82, 782-5	8.4	19
129	Fabrication of surfaces with extremely high contact angle hysteresis from polyelectrolyte multilayer. <i>Langmuir</i> , 2011 , 27, 15299-304	4	48
128	A novel immunochromatographic electrochemical biosensor for highly sensitive and selective detection of trichloropyridinol, a biomarker of exposure to chlorpyrifos. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 2835-40	11.8	64

127	Self-assembly of anisotropic tobacco mosaic virus nanoparticles on gold substrate. <i>Science China Chemistry</i> , 2011 , 54, 137-143	7.9	7
126	Preparation and characterization of Mg-6Li and Mg-6Li-1Y alloys. <i>Journal of Rare Earths</i> , 2011 , 29, 645-649	5.7	12
125	Bond dissociation enthalpies in chlorinated benzenes and phenols and enthalpies of formation of their free radicals: A Gaussian-4 prediction. <i>International Journal of Chemical Kinetics</i> , 2011 , 43, 62-69	1.4	6
124	Oxidation mechanisms of dimethyl selenide and selenoxide in the atmosphere initiated by OH radical. A theoretical study. <i>Chemical Physics</i> , 2011 , 382, 98-103	2.3	9
123	A microchip-based model wound with multiple types of cells. <i>Lab on A Chip</i> , 2011 , 11, 2819-22	7.2	37
122	Synthesis and electrochemical properties of LiFePO ₄ /C composite cathode material prepared by a new route using supercritical carbon dioxide as a solvent. <i>Journal of Materials Chemistry</i> , 2011 , 21, 6975		30
121	Binding of blood proteins to carbon nanotubes reduces cytotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 16968-73	11.5	738
120	Study on information extraction of rape acreage based on TM remote sensing image 2011 ,		4
119	Enzyme-linked immunosorbent assay for detection of organophosphorylated butyrylcholinesterase: a biomarker of exposure to organophosphate agents. <i>Analytica Chimica Acta</i> , 2011 , 693, 1-6	6.6	36
118	Cooperative effect of Co and Al on the microstructure and electrochemical properties of AB ₃ -type hydrogen storage electrode alloys for advanced MH/Ni secondary battery. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 893-900	6.7	38
117	Electrochemical performance of TiVNi-Quasicrystal and AB ₃ -Type hydrogen storage alloy composite materials. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 616-620	6.7	27
116	Microstructure and electrochemical hydrogen storage characteristics of (La _{0.7} Mg _{0.3}) _{1-x} Ce _x Ni _{2.8} Co _{0.5} (x=0.20) electrode alloys. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 3016-3021	6.7	24
115	Microstructure and electrochemical hydrogen storage characteristics of La _{0.67} Mg _{0.33} _{1-x} Ce _x Ni _{2.75} Co _{0.25} (x=0.15) electrode alloys. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 3050-3055	6.7	15
114	Microstructure and mechanical properties of extruded Mg ₈ Gd ₂ Y ₁ Nd _{0.3} Zn _{0.6} Zr alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011 , 528, 7805-7810	5.3	25
113	Effects of samarium on microstructures and tensile properties of Mg ₈ Al _{0.3} Mn alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2011 , 528, 4115-4119	5.3	20
112	Preparation and wear resistance of Ti ₂ CrNi quasicrystal and polyamide composite materials. <i>Philosophical Magazine</i> , 2011 , 91, 2929-2936	1.6	5
111	Development of a Specific Enzyme-Linked Immunosorbent Assay (ELISA) for the Analysis of the Organophosphorous Pesticide Fenthion in Real Samples Based on Monoclonal Antibody. <i>Analytical Letters</i> , 2011 , 44, 1591-1601	2.2	21
110	Electrochemical Codeposition of Magnesium-Based Alloys from Dimethylformamide Solutions at Room Temperature. <i>Electrochemical and Solid-State Letters</i> , 2010 , 13, D15		2

109	Effect of Y on microstructure and mechanical properties of duplex Mg ₇₀ Li alloys. <i>Journal of Alloys and Compounds</i> , 2010 , 506, 468-474	5-7	61
108	Effect of hot rolling on the microstructure and mechanical properties of Mg ₉₀ Al _{0.3} Mn _{0.7} Nd alloy. <i>Journal of Alloys and Compounds</i> , 2010 , 507, 178-183	5-7	30
107	Prediction of gas-phase thermodynamic properties for polychlorinated naphthalenes using G3X model chemistry and density functional theory. <i>Chemosphere</i> , 2010 , 78, 77-85	8-4	5
106	Pulmonary responses to printer toner particles in mice after intratracheal instillation. <i>Toxicology Letters</i> , 2010 , 199, 288-300	4-4	55
105	Tunable wettability and rewritable wettability gradient from superhydrophilicity to superhydrophobicity. <i>Langmuir</i> , 2010 , 26, 12203-8	4	66
104	Characterization of gold nanorods in vivo by integrated analytical techniques: their uptake, retention, and chemical forms. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 396, 1105-14	4-4	101
103	Surface chemistry and aspect ratio mediated cellular uptake of Au nanorods. <i>Biomaterials</i> , 2010 , 31, 7606-7	6-10	547
102	The enthalpies of formation of brominated benzenes and phenols: A theoretical prediction. <i>Computational and Theoretical Chemistry</i> , 2010 , 957, 72-76		5
101	Microstructures and mechanical properties of as-cast Mg ₉₀ Y _{0.5} Nd _{0.5} Er _x Gd (x=0, 2 and 4wt.%) alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010 , 527, 1891-1895	5-3	23
100	Grain refinement and mechanism of Ca _{0.5} W _{0.5} compound in Mg-Al alloys. <i>Rare Metals</i> , 2010 , 29, 630-634	3-5	35
99	Influences of low-Ti substitution for La and Mg on the electrochemical and kinetic characteristics of AB ₃ -type hydrogen storage alloy electrodes. <i>Science China Technological Sciences</i> , 2010 , 53, 242-247	3-5	8
98	Electrochemical properties of (La _{1-x} Ti _x) _{0.67} Mg _{0.33} Ni _{2.75} Co _{0.25} (x=0-0.20, at%) hydrogen storage alloys. <i>Materials Research Bulletin</i> , 2010 , 45, 256-261	5-1	10
97	Effects of Sn content on the microstructure and mechanical properties of Mg ₇₀ Zn ₁₀ Al based alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010 , 527, 7002-7007	5-3	38
96	The influences of rare earth content on the microstructure and mechanical properties of Mg ₇₀ Zn ₁₀ Al alloy. <i>Materials & Design</i> , 2010 , 31, 3542-3549		25
95	Microstructures and mechanical properties of Mg ₉₀ Y _{0.5} Mn _{0.5} Nd alloys fabricated by extrusion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010 , 527, 4383-4388	5-3	12
94	Direct numerical simulation of particle-fluid systems by combining time-driven hard-sphere model and lattice Boltzmann method. <i>Particuology</i> , 2010 , 8, 379-382	2-8	51
93	Gibbs energies of formation of chlorinated benzoic acids and benzoates and application to their reductive dechlorination. <i>Computational and Theoretical Chemistry</i> , 2010 , 960, 31-39		7
92	Effect of zinc and mischmetal on microstructure and mechanical properties of Mg-Al-Mn alloy. <i>Journal of Rare Earths</i> , 2010 , 28, 794-797	3-7	9

91	Selective Separation of Cd(II) Ion from Aqueous Solution by Cd(II)-Imprinted Polymers 2009 ,		1
90	MICROSTRUCTURE AND MECHANICAL PROPERTIES OF TI-BASED METALLIC GLASS MATRIX COMPOSITES. <i>International Journal of Modern Physics B</i> , 2009 , 23, 1260-1264	1.1	
89	Preparation and characterization of As-cast and hot-rolled Mg ₉₀ Al _{0.5} Mn _{0.5} Zn ₁ MM alloy. <i>Materials Characterization</i> , 2009 , 60, 1507-1511	3.9	6
88	A Highly Efficient and Environmentally Friendly CMC-Supported Lanthanide Catalyst for One-pot Synthesis of Substituted Imidazoles. <i>Chinese Journal of Chemistry</i> , 2009 , 27, 343-346	4.9	1
87	Microstructure and mechanical properties of Mg ₉₀ Al _{0.5} Nd _{0.5} Zn _{0.3} Mn alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009 , 515, 98-101	5.3	16
86	Electrochemical hydrogen storage in (Ti _{1-x}) ₂ Ni (x= 0.05-0.3) alloys comprising icosahedral quasicrystalline phase. <i>Electrochimica Acta</i> , 2009 , 54, 2770-2773	6.7	42
85	Effect of AB ₅ alloy on Ti _{0.10} Zr _{0.15} V _{0.35} Cr _{0.10} Ni _{0.30} hydrogen storage alloy. <i>Journal of Applied Electrochemistry</i> , 2009 , 39, 1565-1572	2.6	
84	Cations of halogenated methanes: adiabatic ionization energies, potential energy surfaces, and ion fragment appearance energies. <i>Structural Chemistry</i> , 2009 , 20, 461-479	1.8	14
83	Electrolytic Deposition and Diffusion of Lithium onto Magnesium-9 Wt Pct Yttrium Bulk Alloy in Low-Temperature Molten Salt of Lithium Chloride and Potassium Chloride. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2009 , 40, 779-784	2.5	3
82	Effect of La on the crystalline and electrochemical properties of Ti-Zr-Ni melt-spun alloys. <i>Rare Metals</i> , 2009 , 28, 333-337	5.5	0
81	Structure and mechanical properties of extruded Mg ₉₀ based alloy sheet. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009 , 520, 162-167	5.3	50
80	Crystallographic and electrochemical characteristics of Ti ₄₅ Zr ₃₅ Ni ₁₃ Pd ₇ melt-spun alloys. <i>International Journal of Hydrogen Energy</i> , 2009 , 34, 1890-1895	6.7	14
79	Effect of La/Mg-based alloy addition on structure and electrochemical characteristics of Ti _{0.10} Zr _{0.15} V _{0.35} Cr _{0.10} Ni _{0.30} hydrogen storage alloy. <i>International Journal of Hydrogen Energy</i> , 2009 , 34, 2646-2653	6.7	11
78	Crystallographic and electrochemical characteristics of Ti ₄₅ Zr ₃₅ Ni ₁₃ Pd ₇ quasicrystalline alloys. <i>International Journal of Hydrogen Energy</i> , 2009 , 34, 6925-6929	6.7	18
77	Potential energy surfaces for protonation of hydrochlorofluoromethanes. <i>Computational and Theoretical Chemistry</i> , 2009 , 913, 240-246		2
76	Strings of interconnected hollow carbon nanoparticles with porous shells prepared using simple solid-phase synthesis. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2009 , 158, 79-81	3.1	3
75	Microstructure and mechanical properties of high performance Mg ₉₀ based alloys. <i>Materials & Design</i> , 2009 , 30, 292-296		106
74	The enthalpies of formation for polychlorinated dibenzofurans with use of G3XMP2 model chemistry and density functional theory. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 238-45	2.8	9

73	Evidence of formation of bicyclic species in the early stages of atmospheric benzene oxidation. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 5385-96	2.8	72
72	Electrochemical corrosion behavior of Mg ₉₅ Al _{0.4} Mn _{4.6} Nd in NaCl solution. <i>Corrosion Science</i> , 2009 , 51, 1328-1333	6.8	38
71	Refinement of edge-to-edge matching model and its application in the Mg ₁₇ Al ₁₂ /Mg and Mg/Mg systems. <i>Intermetallics</i> , 2009 , 17, 104-108	3.5	4
70	Structure stability and strengthening mechanism of die-cast Mg ₉₀ Y ₁₀ based alloy. <i>Journal of Alloys and Compounds</i> , 2009 , 469, 587-592	5.7	23
69	Crystallographic and electrochemical characteristics of melt-spun Ti ₅₀ Zr ₃₀ Ni ₂₀ Al ₀ alloys. <i>Journal of Alloys and Compounds</i> , 2009 , 475, 881-884	5.7	13
68	Investigations of the properties of Mg ₉₅ Al _{0.3} Mn _{4.7} Ce ($x = 0.3$, wt.%) alloys. <i>Journal of Alloys and Compounds</i> , 2009 , 477, 341-345	5.7	30
67	The microstructures and mechanical properties of cast Mg ₉₀ Zn ₁₀ Al _{0.5} RE alloys. <i>Journal of Alloys and Compounds</i> , 2009 , 480, L33-L36	5.7	23
66	ELECTROCHEMICAL DEPOSITION OF MAGNESIUM IN ETHEREAL GRIGNARD SALT SOLUTION WITH IONIC LIQUID ADDITIVE. <i>International Journal of Modern Physics B</i> , 2009 , 23, 838-842	1.1	1
65	Counterion exchange at the surface of polyelectrolyte multilayer film for wettability modulation. <i>Soft Matter</i> , 2009 , 5, 2072	3.6	36
64	The effect of La or Ce on ageing response and mechanical properties of cast Mg ₉₀ Zr ₁₀ alloys. <i>Materials Characterization</i> , 2008 , 59, 435-439	3.9	33
63	Aging behavior and mechanical properties of Mg ₉₀ Zr ₁₀ alloys. <i>Materials Characterization</i> , 2008 , 59, 983-986	3.9	17
62	Influences of Gd on the microstructure and strength of Mg ₉₅ Zn ₅ alloy. <i>Materials Characterization</i> , 2008 , 59, 1667-1674	3.9	28
61	Quantum chemistry study on cation structures of fluorinated and chlorinated germanes and their radicals. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 3454-65	2.8	9
60	Phase separation and crystallization in a melt-spun Ti ₄₅ Zr ₃₅ Ni ₁₇ Cu ₃ alloy. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 1010-1014	3.9	5
59	Glass formation ability and mechanical properties of Ti ₄₀ Cu ₄₀ Zr ₁₀ Ni ₁₀ alloy. <i>Journal of Non-Crystalline Solids</i> , 2008 , 354, 3653-3658	3.9	7
58	Age hardening and mechanical properties of Mg ₉₀ Zr ₁₀ alloy. <i>Journal of Alloys and Compounds</i> , 2008 , 456, 395-399	5.7	26
57	Investigation on the microstructure and mechanical properties of a cast Mg ₉₅ Zn ₅ Al _{0.5} RE alloy. <i>Journal of Alloys and Compounds</i> , 2008 , 458, 178-183	5.7	18
56	Microstructures and mechanical properties of the Mg ₉₅ Zn ₅ Gd ($x=0, 2, 3$ and 5) alloys. <i>Journal of Alloys and Compounds</i> , 2008 , 459, 274-280	5.7	44

55	Layer-by-layer assembly of single-charged ions with a rigid polyampholyte. <i>Chemical Communications</i> , 2008 , 1741-3	5.8	17
54	Tunable wettability by counterion exchange at the surface of electrostatic self-assembled multilayers. <i>Chemical Communications</i> , 2008 , 5972-4	5.8	39
53	Theoretical studies on the thermochemistry of stable closed-shell C1 and C2 brominated hydrocarbons. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 4951-7	2.8	7
52	A Gaussian-3X prediction on the enthalpies of formation of chlorinated phenols and dibenzo-p-dioxins. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 1832-40	2.8	19
51	Microstructure and strengthening mechanism of die-cast Mg ₉₂ Gd based alloys. <i>Journal of Materials Research</i> , 2008 , 23, 1269-1275	2.5	2
50	Effects of rare earth on the structure and properties of Mg ₈₅ Zn ₁₅ Al _x Gd _{1-x} RE (RE = Ce or Y) alloys. <i>Journal of Materials Research</i> , 2008 , 23, 2609-2621	2.5	4
49	Microstructure and mechanical properties of Mg _{91.3} Zn _{5.8} Y _{1.4} Al alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008 , 485, 55-60	5.3	11
48	Halogenated silanes, radicals, and cations: Theoretical predictions on ionization energies, structures and potential energy surfaces of cations, proton affinities, and enthalpies of formation. <i>International Journal of Mass Spectrometry</i> , 2008 , 276, 56-76	1.9	18
47	Electrochemical corrosion behavior of cast Mg _{91.8} RE _{0.2} Mn Alloys in NaCl solution. <i>Journal of Materials Science</i> , 2008 , 43, 2550-2554	4.3	25
46	Microstructure and Elevated Temperature Properties of Die-cast AZ91-xNd Magnesium Alloys. <i>Journal of Materials Engineering and Performance</i> , 2008 , 17, 725-729	1.6	20
45	Synthesis, Structure, Electronic State, and Luminescent Properties of Novel Blue-Light-Emitting Aryl-Substituted 9,9-Di(4-(di-p-tolyl)aminophenyl)fluorenes. <i>Advanced Functional Materials</i> , 2008 , 18, 2335-2347	15.6	29
44	Structures and electrochemical characteristics of Ti _{0.26} Zr _{0.07} V _{0.24} Mn _{0.1} Ni _{0.33} Mox (x=0.1) hydrogen storage alloys. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008 , 150, 168-174	3.1	13
43	Structure and electrochemical characteristics of melted composite Ti _{0.10} Zr _{0.15} V _{0.35} Cr _{0.10} Ni _{0.30} LaNi ₅ hydrogen storage alloys. <i>Electrochimica Acta</i> , 2008 , 53, 7831-7837	6.7	18
42	The influence of mischmetal and tin on the microstructure and mechanical properties of Mg ₈₅ Zn ₁₅ Al-based alloys. <i>Acta Materialia</i> , 2008 , 56, 934-941	8.4	33
41	Microstructures and mechanical properties of as-cast Mg ₈₅ Al _{10.4} Mn _x Nd (x=0, 1, 2 and 4) alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008 , 472, 332-337	5.3	43
40	Effects of cerium on the microstructure and mechanical properties of Mg ₉₀ Zn ₁₀ Al alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008 , 474, 317-322	5.3	45
39	Microstructure and mechanical property of Mg _{85.31} Gd _{1.12} Dy _{0.38} Zr alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008 , 477, 193-197	5.3	35
38	Microstructure and mechanical properties of Mg _{95.5} Zn _x Nd (x = 0, 1 and 2, wt%) alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008 , 479, 339-344	5.3	33

37	Clusters of hydrated methane sulfonic acid $\text{CH}_3\text{SO}_3\text{H} \cdot (\text{H}_2\text{O})_n$ ($n = 1-5$): a theoretical study. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 3642-51	2.8	25
36	Crystallographic and electrochemical characteristics of melt-spun Ti-Zr-Ni-Cu alloys. <i>Rare Metals</i> , 2007 , 26, 440-444	5.5	3
35	Hydrogen absorption in $\text{Ti}_{45}\text{Zr}_{35}\text{Ni}_{17}\text{Cu}_3$ amorphous and quasicrystalline alloy powders. <i>International Journal of Hydrogen Energy</i> , 2007 , 32, 2429-2433	6.7	19
34	The gas-phase thermochemistry of SeF_n , SeF_n^+ , and SeF_n^- ($n = 1-8$) from Gaussian-3 calculations. <i>International Journal of Mass Spectrometry</i> , 2007 , 264, 84-91	1.9	11
33	Preparation and transport properties of a bulk icosahedral quasicrystalline $\text{Ti}_{45}\text{Zr}_{35}\text{Ni}_{17}\text{Cu}_3$ alloy. <i>Physica B: Condensed Matter</i> , 2007 , 393, 316-320	2.8	
32	Microstructures and mechanical properties of $\text{Mg}_{80}\text{Gd}_{10}\text{Zr}_x\text{Nd}_y$ ($x = 0, 1, 2$ and 3 mass%) alloys. <i>Journal of Materials Science</i> , 2007 , 42, 3908-3913	4.3	31
31	Crystallographic and electrochemical characteristics of TiZrNiCu quasicrystal ball-milled with $\text{La}_{0.9}\text{Zr}_{0.1}\text{Ni}_{4.5}\text{Al}_{0.5}$ alloy. <i>Electrochimica Acta</i> , 2007 , 52, 3550-3555	6.7	8
30	Crystallographic and electrochemical characteristics of icosahedral quasicrystalline $\text{Ti}_{45}\text{Zr}_{35}\text{Ni}_{17+2x}\text{Cu}_3$ ($x=0-8$) powders. <i>Journal of Power Sources</i> , 2006 , 162, 713-718	8.9	20
29	On the origin of the Murchison meteorite phosphonates. Implications for pre-biotic chemistry. <i>Chemical Communications</i> , 2006 , 1643-5	5.8	21
28	Cavity ring-down spectroscopy of ambient NO_2 with quantification and elimination of interferences. <i>Environmental Science & Technology</i> , 2006 , 40, 7868-73	10.3	23
27	Crystallographic and electrochemical properties of ball-milled quasicrystalline $\text{Ti}_{45}\text{Zr}_{35}\text{Ni}_{17}\text{Cu}_3$ alloy with 20mass% Ni. <i>Journal of Alloys and Compounds</i> , 2006 , 425, 296-301	5.7	10
26	Preparation and mechanical properties of a bulk icosahedral quasicrystalline $\text{Ti}_{45}\text{Zr}_{35}\text{Ni}_{17}\text{Cu}_3$ alloy. <i>Journal of Non-Crystalline Solids</i> , 2006 , 352, 3936-3941	3.9	7
25	Microstructures and Properties of Melt-Spun and As-Cast Mg-20Gd Binary Alloy. <i>Journal of Rare Earths</i> , 2006 , 24, 466-470	3.7	14
24	Crystallographic and electrochemical characteristics of $\text{Ti}_{45}\text{Zr}_{35}\text{Ni}_{17}\text{Cu}_3$ quasicrystalline alloy ball-milled with nickel powder. <i>Electrochimica Acta</i> , 2006 , 51, 3586-3591	6.7	15
23	Kinetic and electrochemical properties of icosahedral quasicrystalline $\text{Ti}_{45}\text{Zr}_{35}\text{Ni}_{17}\text{Cu}_3$ powder. <i>International Journal of Hydrogen Energy</i> , 2006 , 31, 1394-1400	6.7	34
22	Electrochemical properties of amorphous and icosahedral quasicrystalline $\text{Ti}_{45}\text{Zr}_{35}\text{Ni}_{17}\text{Cu}_3$ powders. <i>Journal of Power Sources</i> , 2006 , 159, 1458-1463	8.9	33
21	Microstructures and tensile properties of $\text{Mg}_{80}\text{Gd}_{10}\text{Zr}_x\text{Nd}_y$ ($x+y=3$, mass%) alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006 , 433, 133-138	5.3	62
20	Mechanistic studies of the pyrolysis of 1,3-butadiene, 1,3-butadiene-1,1,4,4-d ₄ , 1,2-butadiene, and 2-butyne by supersonic jet/photoionization mass spectrometry. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 2190-6	2.8	39

19	Formation and decomposition of phenylvinylperoxy radicals in the reaction: $C_6H_5C_2H_2 + O_2$. <i>ChemPhysChem</i> , 2004 , 5, 1231-4	3.2	8
18	Kinetics of phenyl radical reactions with propane, n-butane, n-hexane, and n-octane: Reactivity of C_6H_5 toward the secondary C-H bond of alkanes. <i>International Journal of Chemical Kinetics</i> , 2004 , 36, 49-56	1.4	9
17	Theoretical Study on the Thermochemistry of Chlorinated and Fluorinated Germanes and Their Radical Fragments. <i>Journal of Physical Chemistry A</i> , 2004 , 108, 10346-10353	2.8	20
16	Formations of amorphous and quasicrystal phases in TiZrNiCu alloys. <i>Journal of Alloys and Compounds</i> , 2003 , 361, 234-240	5.7	28
15	Ab initio calculation on thermochemistry of CH_3SO_xH ($x=1B$) and H_2SO_y ($y=2,3$). <i>Computational and Theoretical Chemistry</i> , 2002 , 581, 129-138		27
14	Ab initio study of reaction of dimethyl sulfoxide (DMSO) with OH radical. <i>Chemical Physics Letters</i> , 2002 , 356, 490-496	2.5	35
13	Highly Unsaturated Hydrogenated Silicon Clusters, Si_nH_x ($n=3-10, x=0B$), in Flash Pyrolysis of Silane and Disilane. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 5081-5087	2.8	20
12	Microstructure and crystallization of melt-spun TiNiZr alloys. <i>Journal of Alloys and Compounds</i> , 2002 , 339, 216-220	5.7	14
11	Formation of Ti-Zr(Hf)-Ni-Cu Amorphous Alloys and Quasicrystal Precipitation upon Annealing. <i>Materials Transactions</i> , 2001 , 42, 528-531	1.3	19
10	Icosahedral and Amorphous Phases in Melt-Spun Ti-Zr-Ni-Cu Alloys. <i>Materials Transactions</i> , 2001 , 42, 2637-2640	1.3	11
9	Addition complexes of dimethyl sulfide (DMS) and OH radical and their reactions with O_2 by ab initio and density functional theory. <i>Computational and Theoretical Chemistry</i> , 2001 , 543, 167-175		32
8	Effect of configuration and conformation on the spin multiplicity in xylylene type biradicals. <i>Science in China Series B: Chemistry</i> , 2000 , 43, 524-530		9
7	Detection of Nitrous Acid by Cavity Ring-Down Spectroscopy. <i>Environmental Science & Technology</i> , 2000 , 34, 4221-4227	10.3	52
6	Stabilizing effects of atomic Ti doping on high-voltage high-nickel layered oxide cathode for lithium-ion rechargeable batteries. <i>Nano Research</i> , 1	10	4
5	Manganese coating $\beta-Ni(OH)_2$ as high-performance cathode material for Ni-MH battery. <i>Ionics</i> , 1	2.7	0
4	Large-Sized Nickel-Cobalt-Manganese Composite Oxide Agglomerate Anode Material for Long-Life-Span Lithium-Ion Batteries. <i>ACS Applied Energy Materials</i> ,	6.1	2
3	Carbon Supported MoO_2 Spheres Boosting Ultra-Stable Lithium Storage with High Volumetric Density. <i>Energy and Environmental Materials</i> ,	13	2
2	Microstructure, Texture and Mechanical Properties of Mg-Gd-Nd-Y-Zn Alloy Manufactured under Various Thermomechanical Treatments 471-478		

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