

# Xin-Hao Li

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7967751/xin-hao-li-publications-by-citations.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

113  
papers

7,067  
citations

40  
h-index

83  
g-index

121  
ext. papers

8,187  
ext. citations

9.6  
avg, IF

6.37  
L-index

#	Paper	IF	Citations
113	Metal nanoparticles at mesoporous N-doped carbons and carbon nitrides: functional Mott-Schottky heterojunctions for catalysis. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 6593-604	58.5	595
112	Metal-free activation of dioxygen by graphene/g-C <sub>3</sub> N <sub>4</sub> nanocomposites: functional dyads for selective oxidation of saturated hydrocarbons. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 8074-7	16.4	505
111	Janus Co/CoP Nanoparticles as Efficient Mott-Schottky Electrocatalysts for Overall Water Splitting in Wide pH Range. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1602355	21.8	370
110	Mesoporous g-C <sub>3</sub> N <sub>4</sub> nanorods as multifunctional supports of ultrafine metal nanoparticles: hydrogen generation from water and reduction of nitrophenol with tandem catalysis in one step. <i>Chemical Science</i> , <b>2012</b> , 3, 2170	9.4	356
109	Condensed Graphitic Carbon Nitride Nanorods by Nanoconfinement: Promotion of Crystallinity on Photocatalytic Conversion. <i>Chemistry of Materials</i> , <b>2011</b> , 23, 4344-4348	9.6	348
108	Surface and interface engineering of electrode materials for lithium-ion batteries. <i>Advanced Materials</i> , <b>2015</b> , 27, 527-45	24	344
107	Synthesis of monolayer-patched graphene from glucose. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 9689-92	16.4	332
106	Activating Cobalt Nanoparticles via the Mott-Schottky Effect in Nitrogen-Rich Carbon Shells for Base-Free Aerobic Oxidation of Alcohols to Esters. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 811-818	16.4	266
105	Solvent-Free and Metal-Free Oxidation of Toluene Using O <sub>2</sub> and g-C <sub>3</sub> N <sub>4</sub> with Nanopores: Nanostructure Boosts the Catalytic Selectivity. <i>ACS Catalysis</i> , <b>2012</b> , 2, 2082-2086	13.1	198
104	Polycondensation of boron- and nitrogen-codoped holey graphene monoliths from molecules: carbocatalysts for selective oxidation. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 4572-6	16.4	195
103	Highly efficient dehydrogenation of formic acid over a palladium-nanoparticle-based Mott-Schottky photocatalyst. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 11822-5	16.4	180
102	Electrochemical Reduction of N into NH by Donor-Acceptor Couples of Ni and Au Nanoparticles with a 67.8% Faradaic Efficiency. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 14976-14980	16.4	178
101	Utilizing the Space-Charge Region of the FeNi-LDH/CoP p-n Junction to Promote Performance in Oxygen Evolution Electrocatalysis. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 11903-11909	16.4	163
100	Strongly veined carbon nanoleaves as a highly efficient metal-free electrocatalyst. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 6905-9	16.4	148
99	Encapsulating Palladium Nanoparticles Inside Mesoporous MFI Zeolite Nanocrystals for Shape-Selective Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 9178-82	16.4	138
98	Facilitating room-temperature Suzuki coupling reaction with light: Mott-Schottky photocatalyst for C-C-coupling. <i>Scientific Reports</i> , <b>2013</b> , 3,	4.9	137
97	Synthesis of amphiphilic superparamagnetic ferrite/block copolymer hollow submicrospheres. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 8382-3	16.4	136

96	Boosting selective nitrogen reduction to ammonia on electron-deficient copper nanoparticles. <i>Nature Communications</i> , <b>2019</b> , 10, 4380	17.4	117
95	2D/2D Heterojunctions for Catalysis. <i>Advanced Science</i> , <b>2019</b> , 6, 1801702	13.6	115
94	Multifunctional Au Nanocatalyst for Highly Efficient Hydrolysis of Ammonia Borane. <i>ACS Catalysis</i> , <b>2015</b> , 5, 388-392	13.1	111
93	Anchoring Cobalt Nanocrystals through the Plane of Graphene: Highly Integrated Electrocatalyst for Oxygen Reduction Reaction. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 544-549	9.6	89
92	Palladium/Graphitic Carbon Nitride (g-C <sub>3</sub> N <sub>4</sub> ) Stabilized Emulsion Microreactor as a Store for Hydrogen from Ammonia Borane for Use in Alkene Hydrogenation. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 14857-14861	16.4	85
91	Poly(tetrabutylphosphonium 4-styrenesulfonate): a poly(ionic liquid) stabilizer for graphene being multi-responsive. <i>Polymer Chemistry</i> , <b>2012</b> , 3, 871	4.9	84
90	Hierarchical carbon nanopapers coupled with ultrathin MoS <sub>2</sub> nanosheets: Highly efficient large-area electrodes for hydrogen evolution. <i>Nano Energy</i> , <b>2015</b> , 15, 335-342	17.1	76
89	Nitrogen-doped graphene microtubes with opened inner voids: Highly efficient metal-free electrocatalysts for alkaline hydrogen evolution reaction. <i>Nano Research</i> , <b>2016</b> , 9, 2606-2615	10	76
88	Schottky Barrier Induced Coupled Interface of Electron-Rich N-Doped Carbon and Electron-Deficient Cu: In-Built Lewis Acid-Base Pairs for Highly Efficient CO Fixation. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 38-41	16.4	72
87	Room-temperature transfer hydrogenation and fast separation of unsaturated compounds over heterogeneous catalysts in an aqueous solution of formic acid. <i>Green Chemistry</i> , <b>2014</b> , 16, 3746-3751	10	68
86	Oxygen Vacancy Engineering of Co <sub>3</sub> O <sub>4</sub> Nanocrystals through Coupling with Metal Support for Water Oxidation. <i>ChemSusChem</i> , <b>2017</b> , 10, 2875-2879	8.3	64
85	Controlled synthesis, growth mechanism, and properties of monodisperse CdS colloidal spheres. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 8754-61	4.8	62
84	Enriching Co nanoparticles inside carbon nanofibers via nanoscale assembly of metal-organic complexes for highly efficient hydrogen evolution. <i>Nano Energy</i> , <b>2016</b> , 22, 79-86	17.1	59
83	Tuning the Adsorption Energy of Methanol Molecules Along Ni-N-Doped Carbon Phase Boundaries by the Mott-Schottky Effect for Gas-Phase Methanol Dehydrogenation. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 2697-2701	16.4	58
82	Highly Efficient Dehydrogenation of Formic Acid over a Palladium-Nanoparticle-Based Mott-Schottky Photocatalyst. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 12038-12041	3.6	54
81	In situ catalytic growth of large-area multilayered graphene/MoS <sub>2</sub> heterostructures. <i>Scientific Reports</i> , <b>2014</b> , 4, 4673	4.9	51
80	Constructing holey graphene monoliths via supramolecular assembly: Enriching nitrogen heteroatoms up to the theoretical limit for hydrogen evolution reaction. <i>Nano Energy</i> , <b>2015</b> , 15, 567-575	17.1	51
79	A green chemistry of graphene: photochemical reduction towards monolayer graphene sheets and the role of water adlayers. <i>ChemSusChem</i> , <b>2012</b> , 5, 642-6	8.3	51

78	Polycondensation of Boron- and Nitrogen-Codoped Holey Graphene Monoliths from Molecules: Carbocatalysts for Selective Oxidation. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 4670-4674	3.6	50
77	Heterometal alkoxides as precursors for the preparation of porous Fe- and Mn-TiO <sub>2</sub> photocatalysts with high efficiencies. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 11123-31	4.8	50
76	Polarized few-layer g-C <sub>3</sub> N <sub>4</sub> as metal-free electrocatalyst for highly efficient reduction of CO <sub>2</sub> . <i>Nano Research</i> , <b>2018</b> , 11, 2450-2459	10	47
75	Strongly Veined Carbon Nanoleaves as a Highly Efficient Metal-Free Electrocatalyst. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 7025-7029	3.6	43
74	Photochemically engineering the metal-semiconductor interface for room-temperature transfer hydrogenation of nitroarenes with formic acid. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 16732-7	4.8	40
73	Synthese von Batchwork-Graphen aus Glucose. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 9827-9830	3.6	40
72	A COOH-terminated nitrogen-doped carbon aerogel as a bulk electrode for completely selective two-electron oxygen reduction to HO. <i>Chemical Communications</i> , <b>2019</b> , 55, 6173-6176	5.8	38
71	Wrinkled Graphene Monoliths as Superabsorbing Building Blocks for Superhydrophobic and Superhydrophilic Surfaces. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 15165-9	16.4	35
70	Atomic-Scale Mott-Schottky Heterojunctions of Boron Nitride Monolayer and Graphene as Metal-Free Photocatalysts for Artificial Photosynthesis. <i>Advanced Science</i> , <b>2018</b> , 5, 1800062	13.6	34
69	Grouping Effect of Single Nickel-N Sites in Nitrogen-Doped Carbon Boosts Hydrogen Transfer Coupling of Alcohols and Amines. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 15194-15198	16.4	33
68	Co-based binder-free cathodes for lithium-oxygen batteries with improved cycling stability. <i>Dalton Transactions</i> , <b>2015</b> , 44, 8678-84	4.3	31
67	General transfer hydrogenation by activating ammonia-borane over cobalt nanoparticles. <i>RSC Advances</i> , <b>2015</b> , 5, 102736-102740	3.7	30
66	Constructing Ohmic contact in cobalt selenide/Ti dyadic electrode: The third aspect to promote the oxygen evolution reaction. <i>Nano Energy</i> , <b>2017</b> , 39, 321-327	17.1	28
65	Converting waste paper to multifunctional graphene-decorated carbon paper: from trash to treasure. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 13926-13932	13	28
64	Nanoscale Kirkendall growth of silicalite-1 zeolite mesocrystals with controlled mesoporosity and size. <i>Chemical Communications</i> , <b>2015</b> , 51, 12563-6	5.8	27
63	A Polyimide Nanolayer as a Metal-Free and Durable Organic Electrode Toward Highly Efficient Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 12563-12566	16.4	26
62	Ultra-durable two-electrode Zn-air secondary batteries based on bifunctional titania nanocatalysts: a Co <sup>2+</sup> dopant boosts the electrochemical activity. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 7841-7847	13	24
61	Activating Oxygen Molecules over Carbonyl-Modified Graphitic Carbon Nitride: Merging Supramolecular Oxidation with Photocatalysis in a Metal-Free Catalyst for Oxidative Coupling of Amines into Imines. <i>ChemCatChem</i> , <b>2016</b> , 8, 3441-3445	5.2	23

60	The crystallinity effect of mesocrystalline BaZrO <sub>3</sub> hollow nanospheres on charge separation for photocatalysis. <i>Chemical Communications</i> , <b>2014</b> , 50, 3021-3	5.8	22
59	Effect of Surface Cations on Photoelectric Conversion Property of Nanosized Zirconia. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 9114-9120	3.8	21
58	Enhanced oxygen electroreduction over nitrogen-free carbon nanotube-supported CuFeO <sub>2</sub> nanoparticles. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 4331-4336	13	20
57	Programmable synthesis of mesoporous ZSM-5 nanocrystals as selective and stable catalysts for the methanol-to-propylene process. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 5262-5266	5.5	18
56	Accelerated room-temperature crystallization of ultrahigh-surface-area porous anatase titania by storing photogenerated electrons. <i>Chemical Communications</i> , <b>2017</b> , 53, 1619-1621	5.8	17
55	Activating Pd nanoparticles on sol-gel prepared porous g-C <sub>3</sub> N <sub>4</sub> /SiO <sub>2</sub> via enlarging the Schottky barrier for efficient dehydrogenation of formic acid. <i>Inorganic Chemistry Frontiers</i> , <b>2016</b> , 3, 1124-1129	6.8	17
54	Mesoporous H-ZSM-5 nanocrystals with programmable number of acid sites as solid ligands to activate Pd nanoparticles for C-C coupling reactions. <i>Nano Research</i> , <b>2018</b> , 11, 874-881	10	17
53	General synthesis of uniform metal sulfide colloidal particles via autocatalytic surface growth: a self-correcting system. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 3132-8	5.1	16
52	Spontaneous superlattice formation of ZnO nanocrystals capped with ionic liquid molecules. <i>Chemical Communications</i> , <b>2007</b> , 4131-3	5.8	16
51	The solution-phase process of a g-CN/BiVO <sub>4</sub> dyad to a large-area photoanode: interfacial synergy for highly efficient water oxidation. <i>Chemical Communications</i> , <b>2017</b> , 53, 10544-10547	5.8	15
50	Bio-inspired noble metal-free reduction of nitroarenes using NiS <sub>2+x</sub> /g-C <sub>3</sub> N <sub>4</sub> . <i>RSC Advances</i> , <b>2014</b> , 4, 60873-60877	3.7	15
49	Tuning the Adsorption Energy of Methanol Molecules Along Ni-N-Doped Carbon Phase Boundaries by the Mott-Schottky Effect for Gas-Phase Methanol Dehydrogenation. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 2727-2731	3.6	14
48	Synergistic effect of Brønsted acid and platinum on purification of automobile exhaust gases. <i>Scientific Reports</i> , <b>2013</b> , 3, 2349	4.9	14
47	Engineering the Interfaces of Superadsorbing Graphene-Based Electrodes with Gas and Electrolyte to Boost Gas Evolution and Activation Reactions. <i>ChemSusChem</i> , <b>2018</b> , 11, 2306-2309	8.3	14
46	Schottky Barrier-Induced Surface Electric Field Boosts Universal Reduction of NO in Water to Ammonia. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 20711-20716	16.4	14
45	Utilizing the Space-Charge Region of the FeNi-LDH/CoP p-n Junction to Promote Performance in Oxygen Evolution Electrocatalysis. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 12029-12035	3.6	13
44	Wrinkled Graphene Monoliths as Superabsorbing Building Blocks for Superhydrophobic and Superhydrophilic Surfaces. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 15380-15384	3.6	13
43	Photocatalytic Stille Cross-coupling on Gold/g-C <sub>3</sub> N <sub>4</sub> Nano-heterojunction. <i>Chemical Research in Chinese Universities</i> , <b>2020</b> , 36, 1013-1016	2.2	13

42	Oriented arrays of CoO nanoneedles for highly efficient electrocatalytic water oxidation. <i>Chemical Communications</i> , <b>2019</b> , 55, 3971-3974	5.8	13
41	Synergy of Fe-N <sub>4</sub> and non-coordinated boron atoms for highly selective oxidation of amine into nitrile. <i>Nano Research</i> , <b>2020</b> , 13, 2079-2084	10	12
40	Chemical "top-down" synthesis of amphiphilic superparamagnetic Fe <sub>3</sub> O <sub>4</sub> nanobelts from exfoliated FeOCl layers. <i>Dalton Transactions</i> , <b>2014</b> , 43, 16173-7	4.3	12
39	Isoelectric Si Heteroatoms as Electron Traps for N <sub>2</sub> Fixation and Activation. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2005779	15.6	12
38	A Facile Route to Mesoporous Carbon Catalyst Support Modified with Magnetic Nanoparticles. <i>Chemistry Letters</i> , <b>2007</b> , 36, 422-423	1.7	11
37	Mild and selective hydrogenation of CO <sub>2</sub> into formic acid over electron-rich MoC nanocatalysts. <i>Science Bulletin</i> , <b>2020</b> , 65, 651-657	10.6	10
36	Mono-Atomic Fe Centers in Nitrogen/Carbon Monolayers for Liquid-Phase Selective Oxidation Reaction. <i>ChemCatChem</i> , <b>2018</b> , 10, 3539-3545	5.2	9
35	A Polyimide Nanolayer as a Metal-Free and Durable Organic Electrode Toward Highly Efficient Oxygen Evolution. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 12743-12746	3.6	9
34	Crystal Structure of the Ergothioneine Sulfoxide Synthase from and Structure-Guided Engineering To Modulate Its Substrate Selectivity. <i>ACS Catalysis</i> , <b>2019</b> , 9, 6955-6961	13.1	9
33	Photogenerated singlet oxygen over zeolite-confined carbon dots for shape selective catalysis. <i>Science China Chemistry</i> , <b>2019</b> , 62, 434-439	7.9	9
32	Palladium/Graphitic Carbon Nitride (g-C <sub>3</sub> N <sub>4</sub> ) Stabilized Emulsion Microreactor as a Store for Hydrogen from Ammonia Borane for Use in Alkene Hydrogenation. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 15073-15077	2.6	9
31	Autoxidation of polythiophene tethered to carbon cloth boosts its electrocatalytic activity towards durable water oxidation. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 19793-19798	13	8
30	Trapping oxygen in hierarchically porous carbon nano-nets: graphitic nitrogen dopants boost the electrocatalytic activity. <i>RSC Advances</i> , <b>2016</b> , 6, 56765-56771	3.7	7
29	Nitrogen-thermal modification of the bifunctional interfaces of transition metal/carbon dyads for the reversible hydrogenation and dehydrogenation of heteroarenes. <i>Chemical Communications</i> , <b>2019</b> , 55, 11394-11397	5.8	7
28	Schottky Barrier-Induced Surface Electric Field Boosts Universal Reduction of NO <sub>x</sub> in Water to Ammonia. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 20879-20884	3.6	7
27	Mesoporous TS-1 Nanocrystals as Low Cost and High Performance Catalysts for Epoxidation of Styrene. <i>Chinese Journal of Chemistry</i> , <b>2017</b> , 35, 577-580	4.9	6
26	Synergy of B and Al Dopants in Mesoporous MFI Nanocrystals for Highly Selective Alcoholysis of Furfuryl Alcohol into Ethyl Levulinate. <i>Energy Technology</i> , <b>2019</b> , 7, 1900271	3.5	6
25	Supramolecular nano-assemblies with tailorable surfaces: recyclable hard templates for engineering hollow nanocatalysts. <i>Science China Materials</i> , <b>2014</b> , 57, 7-12	7.1	6

24	Single-step Replacement of an Unreactive C-H Bond by a C-S Bond Using Polysulfide as the Direct Sulfur Source in Anaerobic Ergothioneine Biosynthesis. <i>ACS Catalysis</i> , <b>2020</b> , 10, 8981-8994	13.1	6
23	Chemical fixation of CO <sub>2</sub> on nanocarbons and hybrids. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 20857-20873	3.7	6
22	Biomimetic Design of a 3 D Transition Metal/Carbon Dyad for the One-Step Hydrodeoxygenation of Vanillin. <i>ChemSusChem</i> , <b>2020</b> , 13, 1900-1905	8.3	5
21	Designed electron-deficient gold nanoparticles for a room-temperature C-C coupling reaction. <i>Chemical Communications</i> , <b>2021</b> , 57, 741-744	5.8	5
20	Heterojunction-Based Electron Donators to Stabilize and Activate Ultrafine Pt Nanoparticles for Efficient Hydrogen Atom Dissociation and Gas Evolution. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 25766-25770	16.4	5
19	Use of Nitrogen-Containing Carbon Supports To Control the Acidity of Supported Heteropolyacid Model Catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 13999-14010	3.9	4
18	Formation of a built-in field at the porphyrin/ITO interface directly proven by the time-resolved photovoltage technique. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 5202-6	3.6	3
17	Atomically Dispersed Ni-Based Anti-Coking Catalysts for Methanol Dehydrogenation in a Fixed-Bed Reactor. <i>ACS Catalysis</i> , <b>2020</b> , 10, 12569-12574	13.1	3
16	Grouping Effect of Single Nickel <sup>II</sup> Sites in Nitrogen-Doped Carbon Boosts Hydrogen Transfer Coupling of Alcohols and Amines. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 15414-15418	3.6	3
15	A New Route to Cyclohexanone using H <sub>2</sub> CO <sub>3</sub> as a Molecular Catalytic Ligand to Boost the Thorough Hydrogenation of Nitroarenes over Pd Nanocatalysts. <i>ChemCatChem</i> , <b>2019</b> , 11, 2837-2842	5.2	2
14	A bioinspired microreactor with interfacial regulation for maximizing selectivity in a catalytic reaction. <i>Chemical Communications</i> , <b>2020</b> , 56, 8059-8062	5.8	2
13	Electrostatically mediated selectivity of Pd nanocatalyst via rectifying contact with semiconductor: Replace ligands with light. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 238, 404-409	21.8	2
12	Room-Temperature Activation of Molecular Oxygen Over a Metal-Free Triazine-Decorated sp <sup>2</sup> -Carbon Framework for Green Synthesis. <i>ChemCatChem</i> , <b>2018</b> , 10, 5331-5335	5.2	2
11	Direct reduction of oxygen gas over dendritic carbons with hierarchical porosity: beyond the diffusion limitation. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 2023-2030	6.8	1
10	Carbon monoliths with programmable valence bands as de novo anodes for additive-free coupling of alcohols into acetals. <i>FlatChem</i> , <b>2021</b> , 27, 100248	5.1	1
9	Electrochemical activation of C-H by electron-deficient WC nanocrystals for simultaneous alkoxylation and hydrogen evolution. <i>Nature Communications</i> , <b>2021</b> , 12, 3882	17.4	1
8	Heterojunction-based electron donators to stabilize and activate ultrafine Pt nanoparticles for efficient hydrogen atom dissociation and gas evolution. <i>Angewandte Chemie</i> ,	3.6	1
7	Semiconductor-based nanocomposites for selective organic synthesis. <i>Nano Select</i> , <b>2021</b> , 2, 1799	3.1	0

6	Accelerating the Activation of NO <sub>x</sub> on Ru Nanoparticles for Ammonia Production by Tuning Their Electron Deficiency. <i>CCS Chemistry</i> ,1-8	7.2	0
5	A Polyimide-Based Photocatalyst for Continuous Hydrogen Peroxide Production Using Air and Water under Solar Light. <i>CCS Chemistry</i> ,1-9	7.2	0
4	Facilitating Hot Electron Injection from Graphene to Semiconductor by Rectifying Contact for Vis-NIR-Driven H <sub>2</sub> O Production.. <i>Small</i> , <b>2022</b> , e2200885	11	0
3	Design of Functional Carbon Composite Materials for Energy Conversion and Storage. <i>Chemical Research in Chinese Universities</i> ,1	2.2	0
2	Nanoporous Carbon/Nitrogen Materials and their Hybrids for Biomass Conversion <b>2017</b> , 55-77		
1	Innenrücktitelbild: Wrinkled Graphene Monoliths as Superabsorbing Building Blocks for Superhydrophobic and Superhydrophilic Surfaces (Angew. Chem. 50/2015). <i>Angewandte Chemie</i> , <b>2015</b> , 127, 15515-15515	3.6	