Kai Li

List of Publications by Year
in descending order

106 papers	6,516 citations	53794 45 h-index	66911 78 g-index
110 all docs	110 docs citations	110 times ranked	7176 citing authors

#	Article	IF	Citations
1	Deciphering a Nanocarbonâ€Based Artificial Peroxidase: Chemical Identification of the Catalytically Active and Substrateâ€Binding Sites on Graphene Quantum Dots. Angewandte Chemie - International Edition, 2015, 54, 7176-7180.	13.8	380
2	Synergistic Effect between Metalâ€"Nitrogenâ€"Carbon Sheets and NiO Nanoparticles for Enhanced Electrochemical Waterâ€Oxidation Performance. Angewandte Chemie - International Edition, 2015, 54, 10530-10534.	13.8	301
3	Recent development in phosphors with different emitting colors via energy transfer. Journal of Materials Chemistry C, 2016, 4, 5507-5530.	5.5	269
4	A Hollowâ€Structured CuS@Cu₂S@Au Nanohybrid: Synergistically Enhanced Photothermal Efficiency and Photoswitchable Targeting Effect for Cancer Theranostics. Advanced Materials, 2017, 29, 1701266.	21.0	252
5	A novel greenish yellow-orange red Ba₃Y₄O₉:Bi³⁺,Eu³⁺ phosphor with efficient energy transfer for UV-LEDs. Dalton Transactions, 2015, 44, 20542-20550.	3.3	250
6	Sr₂Y₈(SiO₄)₆O₂:Bi³⁺/Eu³⁺: a single-component white-emitting phosphor via energy transfer for UV w-LEDs. Journal of Materials Chemistry C, 2015, 3, 9989-9998.	5.5	199
7	In situ anchoring of Co9S8 nanoparticles on N and S co-doped porous carbon tube as bifunctional oxygen electrocatalysts. NPG Asia Materials, 2016, 8, e308-e308.	7.9	164
8	Host-Sensitized Luminescence Properties in CaNb₂O₆:Ln³⁺ (Ln³⁺ = Eu³⁺/Tb³⁺/Dy³⁺/Sm³⁺) Phosphors with Abundant Colors. Inorganic Chemistry, 2015, 54, 323-333.	4.0	157
9	Study of the Active Sites in Porous Nickel Oxide Nanosheets by Manganese Modulation for Enhanced Oxygen Evolution Catalysis. ACS Energy Letters, 2018, 3, 2150-2158.	17.4	131
10	Engineering Ultrathin C₃N₄ Quantum Dots on Graphene as a Metal-Free Water Reduction Electrocatalyst. ACS Catalysis, 2018, 8, 3965-3970.	11.2	130
11	Site occupancy and photoluminescence properties of a novel deep-red-emitting phosphor NaMgGdTeO6:Mn4+ with perovskite structure for w-LEDs. Journal of Luminescence, 2018, 198, 155-162.	3.1	126
12	Deep red MGe₄O₉:Mn⁴⁺(M = Sr, Ba) phosphors: structure, luminescence properties and application in warm white light emitting diodes. Journal of Materials Chemistry C, 2016, 4, 6409-6416.	5.5	117
13	In Situ Designing a Gradient Li⁺ Capture and Quasiâ€Spontaneous Diffusion Anode Protection Layer toward Longâ€Life Liâ^'O₂ Batteries. Advanced Materials, 2020, 32, e2004157.	21.0	114
14	A â€œSolid Dualâ€Ionsâ€Transformationâ€• Route to S,N Coâ€Doped Carbon Nanotubes as Highly Efficient â€œMetalâ€Freeâ€• Catalysts for Organic Reactions. Advanced Materials, 2016, 28, 10679-10683.	21.0	107
15	A far-red-emitting NaMgLaTeO6:Mn4+ phosphor with perovskite structure for indoor plant growth. Dyes and Pigments, 2019, 162, 214-221.	3.7	107
16	Host-sensitized luminescence in LaNbO₄:Ln³⁺ (Ln³⁺ =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 Chemistry Chemical Physics, 2015, 17, 4283-4292.	2.8	106
17	Photoluminescence and energy transfer properties of a novel molybdate KBaY(MoO₄)₃:Ln³⁺ (Ln³⁺ = Tb³⁺,) Tj ETQq1 1 0.784314 rgBT /Overl Transactions, 2018, 47, 6995-7004.	3.3	103
18	Tunable luminescence and energy transfer properties in Ca₈MgLu(PO₄)₇:Ce³⁺,Tb³⁺,Mn²⁺ phosphors. Journal of Materials Chemistry C, 2015, 3, 4471-4481.	5.5	102

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19	The oxygen reduction reaction on Pt(111) and Pt(100) surfaces substituted by subsurface Cu: a theoretical perspective. Journal of Materials Chemistry A, 2015, 3, 11444-11452.	10.3	102
20	Rational Design of Multifunctional Fe@Î³â€Fe₂O₃@Hâ€TiO₂ Nanocomposites with Enhanced Magnetic and Photoconversion Effects for Wide Applications: From Photocatalysis to Imagingâ€Guided Photothermal Cancer Therapy. Advanced Materials, 2018, 30, e1706747.	21.0	102
21	Photoluminescence properties of single-component white-emitting Ca₉Bi(PO₄)₇:Ce³⁺,Tb³⁺,Mn²⁺phosphors for UV LEDs. Journal of Materials Chemistry C, 2015, 3, 7096-7104.	5.5	99
22	Sulfur-Doped Nickel Phosphide Nanoplates Arrays: A Monolithic Electrocatalyst for Efficient Hydrogen Evolution Reactions. ACS Applied Materials & Interfaces, 2018, 10, 26303-26311.	8.0	97
23	A novel deep red-emitting phosphor KMgLaTeO₆:Mn⁴⁺ with high thermal stability and quantum yield for w-LEDs: structure, site occupancy and photoluminescence properties. Dalton Transactions, 2018, 47, 2501-2505.	3.3	91
24	An efficient rare-earth free deep red emitting phosphor for improving the color rendering of white light-emitting diodes. Journal of Materials Chemistry C, 2017, 5, 2927-2935.	5.5	88
25	Up-conversion luminescence and optical temperature sensing properties in novel KBaY(MoO4)3:Yb3+,Er3+ materials for temperature sensors. Journal of Alloys and Compounds, 2020, 816, 152554.	5.5	88
26	Resonance Emission Enhancement (REE) for Narrow Band Red-Emitting A₂GeF₆:Mn⁴⁺ (A = Na, K, Rb, Cs) Phosphors Synthesized via a Precipitationâ€“Cation Exchange Route. Inorganic Chemistry, 2017, 56, 11900-11910.	4.0	86
27	Site-Bi3+ and Eu3+ dual emissions in color-tunable Ca2Y8(SiO4)6O2:Bi3+, Eu3+ phosphors prepared via sol-gel synthesis for potentially ratiometric temperature sensing. Journal of Alloys and Compounds, 2019, 787, 86-95.	5.5	82
28	Mechanistic Analysis-Guided Pd-Based Catalysts for Efficient Hydrogen Production from Formic Acid Dehydrogenation. ACS Catalysis, 2020, 10, 3921-3932.	11.2	82
29	Epitaxial Growth of CsPbX₃ (X = Cl, Br, I) Perovskite Quantum Dots via Surface Chemical Conversion of Cs₂GeF₆ Double Perovskites: A Novel Strategy for the Formation of Leadless Hybrid Perovskite Phosphors with Enhanced Stability. Advanced Materials, 2019, 31, e1807592.	21.0	81
30	Synthesis, Luminescence, and Energy-Transfer Properties of Î²-Na₂Ca₄(PO₄)₂(SiO₄):A (A =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Chemistry, 2014, 53, 6743-6751.	4.0	79
31	Improved Doping and Emission Efficiencies of Mn-Doped CsPbCl₃ Perovskite Nanocrystals via Nickel Chloride. Journal of Physical Chemistry Letters, 2019, 10, 4177-4184.	4.6	79
32	Achieving the Tradeâ€Off between Selectivity and Activity in Semihydrogenation of Alkynes by Fabrication of (Asymmetrical Pd@Ag Core)@(CeO₂ Shell) Nanocatalysts via Autoredox Reaction. Advanced Materials, 2017, 29, 1605332.	21.0	73
33	Photoluminescence and Energy Transfer Properties with Y+SiO₄ Substituting Ba+PO₄ in Ba₃Y(PO₄)₃:Ce³⁺/Tb³⁺, Tb³⁺/Eu³⁺ Phosphors for w-LEDs. Inorganic Chemistry, 2016, 55, 7593-7604.	4.0	69
34	Photoluminescence Properties of Efficient Blue-Emitting Phosphor Î±-Ca_{1.65}Sr_{0.35}SiO₄:Ce³⁺: Color Tuning via the Substitutions of Si by Al/Ga/B. Inorganic Chemistry, 2015, 54, 7992-8002.	4.0	66
35	Tunable green to yellowish-orange phosphor Na₃LuSi₂O₇:Eu²⁺,Mn²⁺via energy transfer for UV-LEDs. Journal of Materials Chemistry C, 2015, 3, 11618-11628.	5.5	64
36	BaLu 6 (Si 2 O 7) 2 (Si 3 O 10):Ce 3+ ,Tb 3+ : A novel blue-green emission phosphor via energy transfer for UV LEDs. Dyes and Pigments, 2017, 139, 701-707.	3.7	64

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37	Ce³⁺ and Tb³⁺-doped lutetium-containing silicate phosphors: synthesis, structure refinement and photoluminescence properties. Journal of Materials Chemistry C, 2016, 4, 3443-3453.	5.5	60
38	Tunable blue-green emission and energy transfer properties in Î²-Ca₃(PO₄)₂:Eu²⁺, Tb³⁺ phosphors with high quantum efficiencies for UV-LEDs. Dalton Transactions, 2015, 44, 4683-4692.	3.3	56
39	Eu 3+ /Sm 3+ -doped Na 2 BiMg 2 (VO 4) 3 from substitution of Ca 2+ by Na + and Bi 3+ in Ca 2 NaMg 2 (VO) Tj ETQq1 1 0.784314 rgB Dyes and Pigments, 2018, 155, 258-264.	3.7	56
40	Improved Oxygen Reduction Activity in Heteronuclear FeCo-Codoped Graphene: A Theoretical Study. ACS Sustainable Chemistry and Engineering, 2019, 7, 17273-17281.	6.7	56
41	Unravel the Catalytic Effect of Two-Dimensional Metal Sulfides on Polysulfide Conversions for Lithiumâ€"Sulfur Batteries. ACS Applied Materials & Interfaces, 2020, 12, 43560-43567.	8.0	52
42	Tunable-Color Luminescence via Energy Transfer in NaCa_{13/18}Mg_{5/18}PO₄:A (A =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (Eu²⁺, Lighting. Inorganic Chemistry, 2014, 53, 12141-12150.	4.0	51
43	Photoluminescence properties and crystal field analysis of a novel red-emitting phosphor K 2 BaGe 8 O 18 :Mn 4+. Dyes and Pigments, 2017, 142, 69-76.	3.7	48
44	Light-Driven CO₂ Reduction over Prussian Blue Analogues as Heterogeneous Catalysts. ACS Catalysis, 2022, 12, 89-100.	11.2	47
45	Design of broadband near-infrared Y_{0.57}La_{0.72}Sc_{2.71}(BO₃)₄:Cr³⁺ phosphors based on one-site occupation and their application in NIR light-emitting diodes. Journal of Materials Chemistry C, 2021, 9, 11761-11771.	5.5	46
46	Realizing a novel dazzling far-red-emitting phosphor NaLaCaTeO₆:Mn⁴⁺with high quantum yield and luminescence thermal stability<i>via</i>the ionic couple substitution of Na⁺+ La³⁺for 2Ca²⁺in Ca₃TeO₆:Mn⁴⁺for indoor plant cultivation LEDs. Chemical [illegible], 2019, 55, 10697-10700.	4.1	45
47	Exceptional low-temperature fluorescence sensing properties in novel KBaY(MoO₄)₃:Yb³⁺,Ho³⁺ materials based on FIR of Ho³⁺ transitions ⁵F₅₍₁₎ â†' ⁵I₈/⁵S₂ â†' ⁵I₈. Journal of Materials Chemistry C, 2022, 10, 6603-6610.	5.5	45
48	Rhodium and Nitrogen Codoped Graphene as a Bifunctional Electrocatalyst for the Oxygen Reduction Reaction and CO₂ Reduction Reaction: Mechanism Insights. Journal of Physical Chemistry C, 2019, 123, 5176-5187.	3.1	44
49	Color Tuning from Greenish-Yellow to Orange-Red in Thermal-Stable KBaY(MoO₄)₃:Dy³⁺, Eu³⁺ Phosphors via Energy Transfer for UV W-LEDs. ACS Applied Electronic Materials, 2020, 2, 1735-1744.	4.3	43
50	First-Principles Study on Nitrobenzene-Doped Graphene as a Metal-Free Electrocatalyst for Oxygen Reduction Reaction. Journal of Physical Chemistry C, 2016, 120, 8804-8812.	3.1	42
51	CoN₃ embedded graphene, a potential catalyst for the oxygen reduction reaction from a theoretical perspective. Physical Chemistry Chemical Physics, 2017, 19, 17670-17676.	2.8	41
52	A density functional study on the oxygen reduction reaction mechanism on FeN₂-doped graphene. New Journal of Chemistry, 2018, 42, 6873-6879.	2.8	41
53	Ultrathin gâ€C₃N₄ Nanosheets Coupled with AgIO₃ as Highly Efficient Heterostructured Photocatalysts for Enhanced Visibleâ€Light Photocatalytic Activity. Chemistry - A European Journal, 2015, 21, 17739-17747.	3.3	40
54	Deciphering a Nanocarbonâ€Based Artificial Peroxidase: Chemical Identification of the Catalytically Active and Substrateâ€Binding Sites on Graphene Quantum Dots. Angewandte Chemie, 2015, 127, 7282-7286.	2.0	39

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55	Dualâ€Site Singleâ€Atom Catalysts with High Performance for Threeâ€Way Catalysis. Advanced Materials, 2022, 34, e2201859.	21.0	39
56	An efficient green-emitting Î±-Ca_{1.65}Sr_{0.35}SiO₄:Eu²⁺ phosphor for UV/n-UV w-LEDs: synthesis, luminescence and thermal properties. Journal of Materials Chemistry C, 2015, 3, 6341-6349.	5.5	37
57	Low-Temperature Solid-State Synthesis and Upconversion Luminescence Properties in (Na/Li)Bi(MoO₄)₂:Yb³⁺,Er³⁺ and Color Tuning in (Na/Li)Bi(MoO₄)₂:Yb³⁺,Ho³⁺,Ce³⁺ Phosphors. Inorganic Chemistry, 2019, 58, 6821-6831.	4.0	36
58	Crystalline Ni3C as both carbon source and catalyst for graphene nucleation: a QM/MD study. Scientific Reports, 2015, 5, 12091.	3.3	35
59	Insight of Enhanced Redox Chemistry for Porous MoO₂ Carbon-Derived Framework as Polysulfide Reservoir in Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2018, 10, 42286-42293.	8.0	35
60	Mutual energy transfer luminescent properties in novel CsGd(MoO₄)₂:Yb³⁺,Er³⁺/Ho³⁺ phosphors for solid-state lighting and solar cells. Physical Chemistry Chemical Physics, 2019, 21, 4746-4754.	2.8	35
61	Achieving Efficient Red-Emitting Sr₂Ca_{1â^'Î´}Ln_{Î´}WO₆:Mn⁴⁺ (Ln = La, Gd, Y, Lu, Î´) Tj ETQq1 1 0.784314 Application via Facile Ion Substitution in Luminescence-Ignorable Sr₂CaWO₆:Mn⁴⁺. , 2020, 2, 771-778.		35
62	A direct four-electron process on Feâ€“N₃ doped graphene for the oxygen reduction reaction: a theoretical perspective. RSC Advances, 2017, 7, 23812-23819.	3.6	33
63	Synthesis of porous and metallic CoB nanosheets towards a highly efficient electrocatalyst for rechargeable Naâ€“O₂ batteries. Energy and Environmental Science, 2018, 11, 2833-2838.	30.8	33
64	Novel Intense Emission-Tunable Li_{1.5}La_{1.5}WO₆:Mn⁴⁺,Nd³⁺,Yb³⁺ Material with Good Luminescence Thermal Stability for Potential Applications in c-Si Solar Cells and Plant-Cultivation Far-Red-NIR LEDs. ACS Sustainable Chemistry and Engineering, 2019, 7, 16284-16294.	6.7	33
65	A highly active (102) surface-induced rapid degradation of a CuS nanotheranostic platform for <i>in situ T</i>₁-weighted magnetic resonance imaging-guided synergistic therapy. Nanoscale, 2019, 11, 12853-12857.	5.6	33
66	Wide-Band Excited YTiTaO₆: Eu³⁺/Er³⁺ Phosphors: Structure Refinement, Luminescence Properties, and Energy Transfer Mechanisms. Journal of Physical Chemistry C, 2014, 118, 17983-17991.	3.1	31
67	Enhancing the energy transfer from Mn4+ to Yb3+ via a Nd3+ bridge role in Ca3La2W2O12:Mn4+,Nd3+,Yb3+ phosphors for spectral conversion of c-Si solar cells. Dyes and Pigments, 2019, 162, 990-997.	3.7	31
68	Interplay between local environments and photoluminescence of Eu²⁺in Ba₂Zr₂Si₃O₁₂: blue shift emission, optimal bond valence and luminescence mechanisms. Journal of Materials Chemistry C, 2015, 3, 3294-3303.	5.5	29
69	RuN₄ Doped Graphene Oxide, a Highly Efficient Bifunctional Catalyst for Oxygen Reduction and CO₂ Reduction from Computational Study. ACS Sustainable Chemistry and Engineering, 2019, 7, 8136-8144.	6.7	29
70	MnO₂â€“Graphene-oxide-scrollâ€“TiO₂ composite catalyst for low-temperature NH₃-SCR of NO with good steam and SO₂ resistance obtained by low-temperature carbon-coating and selective atomic layer deposition. Catalysis Science and Technology, 2019, 9, 1602-1608.	4.1	28
71	Obtaining Efficiently Tunable Red Emission in Ca_{3-Î´}Ln_{Î´}WO₆:Mn⁴⁺ (Ln = La, Gd, Y, Lu, Î´ = 0.1) Phosphors Derived from Nearly Nonluminescent Ca₃WO₆:Mn⁴⁺ via Ionic Substitution Engineering for Solid-State Lighting. ACS Sustainable Chemistry and Engineering, 2020, 8, 7256-7261.	6.7	28
72	The oxygen reduction reaction mechanism on Sn doped graphene as an electrocatalyst in fuel cells: a DFT study. RSC Advances, 2017, 7, 729-734.	3.6	27

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73	Synthesis and luminescence properties of a novel dazzling red-emitting phosphor NaSr₃SbO₆:Mn⁴⁺ for UV/n-UV w-LEDs. Dalton Transactions, 2019, 48, 3187-3192.	3.3	27
74	Cr³⁺-doped borate phosphors for broadband near-infrared LED applications. Inorganic Chemistry Frontiers, 2022, 9, 2240-2251.	6.0	27
75	Ca₃La₂Te₂O₁₂:Mn⁴⁺,Nd³⁺,Yb³⁺: an efficient thermally-stable UV/visibleâ€“far red/NIR broadband spectral converter for c-Si solar cells and plant-growth LEDs. Materials Chemistry Frontiers, 2019, 3, 403-413.	5.9	26
76	Synthesis and up-conversion luminescence properties of a novel Yb3+, Er3+ co-doped Ca5Mg4(VO4)6 phosphor. Journal of Alloys and Compounds, 2018, 737, 767-773.	5.5	23
77	A Singleâ€Atom Manipulation Approach for Synthesis of Atomically Mixed Nanoalloys as Efficient Catalysts. Angewandte Chemie - International Edition, 2020, 59, 13568-13574.	13.8	23
78	Theoretical insight into the catalytic activities of oxygen reduction reaction on transition metalâ€“N₄ doped graphene. New Journal of Chemistry, 2018, 42, 9620-9625.	2.8	21
79	Nearâ€Infrared Persistent Luminescence and Trap Reshuffling in Mn⁴⁺ Doped Alkaliâ€Earth Metal Tungstates. Advanced Optical Materials, 2022, 10, 2101714.	7.3	20
80	DFT Study on the Methane Synthesis from Syngas on a Cerium-Doped Ni(111) Surface. Journal of Physical Chemistry C, 2016, 120, 23030-23043.	3.1	19
81	Effectively realizing broadband spectral conversion of UV/visible to near-infrared emission in (Na,K)Mg(La,Gd)TeO₆:Mn⁴⁺,Nd³⁺,Yb³⁺ materials for c-Si solar cells <i>via</i> efficient energy transfer. Journal of Materials Chemistry C, 2018, 6, 7302-7310.	5.5	19
82	Phase Transformation and Thermal Decomposition Kinetics of a Mixed Rare Earth Concentrate. ACS Omega, 2018, 3, 17036-17041.	3.5	15
83	Lanthanide-centered luminescence evolution and potential anti-counterfeiting application of Tb³⁺/Eu³⁺ grafted melamine cyanurate hydrogen-bonded triazine frameworks. Materials Chemistry Frontiers, 2019, 3, 579-586.	5.9	15
84	Colorâ€Tunable Luminescence of Y₄Si₂N₂O₇:Ce³⁺, Tb³⁺, Dy³⁺ Phosphors Prepared by the Softâ€Chemical Ammonolysis Method. European Journal of Inorganic Chemistry, 2014, 2014, 1955-1964.	2.0	12
85	Insight into emission-tuning and luminescence thermal quenching investigations in NaLa_{1â^’x}Gd_xCa₄W₂O₁₂:Mn⁴⁺ phosphors <i>via</i> the ionic couple substitution of Na⁺ + Ln³⁺ (Ln = La, Gd) for 2Ca²⁺ in Ca₆W₂O₁₂:Mn⁴⁺ for plant-cultivation LED applications. Dalton Transactions, 2019, 48, 15936-15941.	3.3	12
86	Fe-porphyrin carbon matrix as a bifunctional catalyst for oxygen reduction and CO₂ reduction from theoretical perspective. Molecular Physics, 2019, 117, 1805-1812.	1.7	12
87	Achievement of safer palladium nanocrystals by enlargement of {100} crystallographic facets. Nanotoxicology, 2017, 11, 907-922.	3.0	11
88	The reaction pathways of the oxygen reduction reaction on IrN 4 doped divacancy graphene: A theoretical study. Journal of Molecular Graphics and Modelling, 2018, 80, 293-298.	2.4	11
89	Theoretical study of two-dimensional bis(iminothiolato)metal monolayers as promising electrocatalysts for carbon dioxide reduction. New Journal of Chemistry, 2020, 44, 12299-12306.	2.8	11
90	Ligand centered electrocatalytic efficient CO2 reduction reaction at low overpotential on single-atom Ni regulated molecular catalyst. Nano Research, 2022, 15, 5816-5823.	10.4	11

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91	Theoretical Investigation on the Reaction Pathways of the Oxygen Reduction Reaction on Graphene Codoped with Manganese and Phosphorus as a Potential Nonprecious Metal Catalyst. ChemCatChem, 2016, 8, 3353-3360.	3.7	10
92	A Density Functional Theory Study of the Two-Dimensional Bis(iminothiolato)metal Monolayers as Efficient Electrocatalysts for Oxygen Reduction Reaction. Journal of Physical Chemistry C, 2020, 124, 7803-7811.	3.1	10
93	A density functional theory study on 3d metal/graphene for the removal of CO from H2feed gas in hydrogen fuel cells. RSC Advances, 2015, 5, 16394-16399.	3.6	9
94	Methylammonium cation deficient surface for enhanced binding stability at TiO2/CH3NH3PbI3 interface. Nano Research, 2017, 10, 483-490.	10.4	8
95	Thermal Decomposition of CdS Nanowires Assisted by ZIF-67 to Induce the Formation of Co₉S₈-Based Carbon Nanomaterials with High Lithium-Storage Abilities. ACS Applied Energy Materials, 2018, 1, 6242-6249.	5.1	8
96	A Singleâ€Atom Manipulation Approach for Synthesis of Atomically Mixed Nanoalloys as Efficient Catalysts. Angewandte Chemie, 2020, 132, 13670-13676.	2.0	8
97	FeRh and Nitrogen Codoped Graphene, a Highly Efficient Bifunctional Catalyst toward Oxygen Reduction and Oxygen Evolution Reactions. Journal of Physical Chemistry C, 2020, 124, 9142-9150.	3.1	8
98	Engineering Gadoliniumâ€Integrated Tellurium Nanorods for Theoryâ€Oriented Photonic Hyperthermia in the NIRâ€II Biowindow. Small, 2020, 16, 2003508.	10.0	7
99	Sinter-resistant and high-efficient Pt/CeO2/NiAl2O4/Al2O3@SiO2 model catalysts with â€œcomposite energy trapsâ€• Science China Chemistry, 2020, 63, 519-525.	8.2	6
100	Theoretical insights on the oxygen-reduction reaction mechanism of LaN4-embedded graphene. Journal of Molecular Modeling, 2018, 24, 14.	1.8	5
101	Selenium Vacancy Engineering Using Bi₂Se₃ Nanodots for Boosting Highly Efficient Photonic Hyperthermia. ACS Applied Materials & Interfaces, 2021, 13, 48378-48385.	8.0	5
102	Searching for highly efficient multifunctional electrocatalysts based on the single metal doped graphitic carbon nitride. Molecular Physics, 2021, 119, .	1.7	3
103	Regulation of the electronic structure of perovskites to improve the electrocatalytic performance for the nitrogen-reduction reaction. Journal of Materials Chemistry A, 2022, 10, 2819-2825.	10.3	3
104	InnenrÃ¼cktitelbild: Deciphering a Nanocarbonâ€Based Artificial Peroxidase: Chemical Identification of the Catalytically Active and Substrateâ€Binding Sites on Graphene Quantum Dots (Angew. Chem. 24/2015). Angewandte Chemie, 2015, 127, 7305-7305.	2.0	2
105	Theoretical study on the two-dimensional bis(iminothiolato)rhodium as oxygen reduction reaction catalyst. Molecular Physics, 2021, 119, e1817593.	1.7	0
106	Density functional study on formic acid decomposition on Pd(111) surface: a revisit and comparison with other density functional methods. Journal of Molecular Modeling, 2021, 27, 285.	1.8	0