Chaoliang Tan

List of Publications by Citations

Source: https://exaly.com/author-pdf/7992560/chaoliang-tan-publications-by-citations.pdf
Version: 2024-04-19

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.

146 papers	19,920 citations	62 h-index	141 g-index
167 ext. papers	23,346 ext. citations	15.4 avg, IF	7.31 L-index

#	Paper	IF	Citations
146	Recent Advances in Ultrathin Two-Dimensional Nanomaterials. *Chemical Reviews*, **2017**, 117, 6225-6331	68.1	2919
145	Two-dimensional transition metal dichalcogenide nanosheet-based composites. *Chemical Society Reviews*, **2015**, 44, 2713-31	58.5	1191
144	Ni3S2 nanorods/Ni foam composite electrode with low overpotential for electrocatalytic oxygen evolution. *Energy and Environmental Science*, **2013**, 6, 2921	35.4	814
143	Hybrid micro-/nano-structures derived from metal-organic frameworks: preparation and applications in energy storage and conversion. *Chemical Society Reviews*, **2017**, 46, 2660-2677	58.5	697
142	Two-dimensional graphene analogues for biomedical applications. *Chemical Society Reviews*, **2015**, 44, 2681-701	58.5	687
141	25th anniversary article: hybrid nanostructures based on two-dimensional nanomaterials. *Advanced Materials*, **2014**, 26, 2185-204	24	514
140	Carbon fiber aerogel made from raw cotton: a novel, efficient and recyclable sorbent for oils and organic solvents. *Advanced Materials*, **2013**, 25, 5916-21	24	513
139	Black phosphorus quantum dots. *Angewandte Chemie - International Edition*, **2015**, 54, 3653-7	16.4	491
138	Synthesis of Two-Dimensional CoS1.097/Nitrogen-Doped Carbon Nanocomposites Using Metal-Organic Framework Nanosheets as Precursors for Supercapacitor Application. *Journal of the American Chemical Society*, **2016**, 138, 6924-7	16.4	485
137	Solution-Processed Two-Dimensional MoS2 Nanosheets: Preparation, Hybridization, and Applications. *Angewandte Chemie - International Edition*, **2016**, 55, 8816-38	16.4	447
136	Graphene-based electrochemical sensors. *Small*, **2013**, 9, 1160-72	11	434
135	Wet-chemical synthesis and applications of non-layer structured two-dimensional nanomaterials. *Nature Communications*, **2015**, 6, 7873	17.4	425
134	Solution-Processed Two-Dimensional Metal Dichalcogenide-Based Nanomaterials for Energy Storage and Conversion. *Advanced Materials*, **2016**, 28, 6167-96	24	372
133	Graphene-Based Materials for Solar Cell Applications. *Advanced Energy Materials*, **2014**, 4, 1300574	21.8	325
132	Bioinspired Design of Ultrathin 2D Bimetallic Metal-Organic-Framework Nanosheets Used as Biomimetic Enzymes. *Advanced Materials*, **2016**, 28, 4149-55	24	320
131	Three-Dimensional Architectures Constructed from Transition-Metal Dichalcogenide Nanomaterials for Electrochemical Energy Storage and Conversion. *Angewandte Chemie - International Edition*, **2018**, 57, 626-646	16.4	305
130	Ultrathin Two-Dimensional Covalent Organic Framework Nanosheets: Preparation and Application in Highly Sensitive and Selective DNA Detection. *Journal of the American Chemical Society*, **2017**, 139, 8698-8704	16.4	301

129	Self-Assembly of Single-Layer CoAl-Layered Double Hydroxide Nanosheets on 3D Graphene Network Used as Highly Efficient Electrocatalyst for Oxygen Evolution Reaction. *Advanced Materials*, **2016**, 28, 7640-5	24	296
128	Growth of noble metal nanoparticles on single-layer TiS2 and TaS2 nanosheets for hydrogen evolution reaction. *Energy and Environmental Science*, **2014**, 7, 797-803	35.4	292
127	Growth of Au Nanoparticles on 2D Metalloporphyrinic Metal-Organic Framework Nanosheets Used as Biomimetic Catalysts for Cascade Reactions. *Advanced Materials*, **2017**, 29, 1700102	24	283
126	Ultrathin S-doped MoSe2 nanosheets for efficient hydrogen evolution. *Journal of Materials Chemistry A*, **2014**, 2, 5597-5601	13	278
125	Single-layer transition metal dichalcogenide nanosheet-based nanosensors for rapid, sensitive, and multiplexed detection of DNA. *Advanced Materials*, **2015**, 27, 935-9	24	275
124	One-Pot Synthesis of Highly Anisotropic Five-Fold-Twinned PtCu Nanoframes Used as a Bifunctional Electrocatalyst for Oxygen Reduction and Methanol Oxidation. *Advanced Materials*, **2016**, 28, 8712-8717	24	275
123	Non-volatile resistive memory devices based on solution-processed ultrathin two-dimensional nanomaterials. *Chemical Society Reviews*, **2015**, 44, 2615-28	58.5	269
122	Preparation of High-Percentage 1T-Phase Transition Metal Dichalcogenide Nanodots for Electrochemical Hydrogen Evolution. *Advanced Materials*, **2018**, 30, 1705509	24	234
121	Synthesis and applications of graphene-based noble metal nanostructures. *Materials Today*, **2013**, 16, 29-36	21.8	226
120	Epitaxial growth of hybrid nanostructures. *Nature Reviews Materials*, **2018**, 3,	73.3	201
119	Hybridization of MOFs and COFs: A New Strategy for Construction of MOF@COF Core-Shell Hybrid Materials. *Advanced Materials*, **2018**, 30, 1705454	24	200
118	Epitaxial growth of hetero-nanostructures based on ultrathin two-dimensional nanosheets. *Journal of the American Chemical Society*, **2015**, 137, 12162-74	16.4	198
117	Phase engineering of nanomaterials. *Nature Reviews Chemistry*, **2020**, 4, 243-256	34.6	198
116	Ultrathin Two-Dimensional Multinary Layered Metal Chalcogenide Nanomaterials. *Advanced Materials*, **2017**, 29, 1701392	24	190
115	High-Yield Exfoliation of Ultrathin Two-Dimensional Ternary Chalcogenide Nanosheets for Highly Sensitive and Selective Fluorescence DNA Sensors. *Journal of the American Chemical Society*, **2015**, 137, 10430-6	16.4	187
114	Carbon microbelt aerogel prepared by waste paper: an efficient and recyclable sorbent for oils and organic solvents. *Small*, **2014**, 10, 3544-50	11	176
113	Solution-Synthesized High-Mobility Tellurium Nanoflakes for Short-Wave Infrared Photodetectors. *ACS Nano*, **2018**, 12, 7253-7263	16.7	175
112	Thin metal nanostructures: synthesis, properties and applications. *Chemical Science*, **2015**, 6, 95-111	9.4	169

111	Ultrathin Two-Dimensional Organic-Inorganic Hybrid Perovskite Nanosheets with Bright, Tunable Photoluminescence and High Stability. *Angewandte Chemie - International Edition*, **2017**, 56, 4252-4255	16.4	165
110	A facile and universal top-down method for preparation of monodisperse transition-metal dichalcogenide nanodots. *Angewandte Chemie - International Edition*, **2015**, 54, 5425-8	16.4	156
109	Lithiation-induced amorphization of Pd3P2S8 for highly efficient hydrogen evolution. *Nature Catalysis*, **2018**, 1, 460-468	36.5	153
108	Controlled growth of high-density CdS and CdSe nanorod arrays on selective facets of two-dimensional semiconductor nanoplates. *Nature Chemistry*, **2016**, 8, 470-5	17.6	142
107	Coating two-dimensional nanomaterials with metal-organic frameworks. *ACS Nano*, **2014**, 8, 8695-701	16.7	141
106	Carbon-Based Sorbents with Three-Dimensional Architectures for Water Remediation. *Small*, **2015**, 11, 3319-36	11	136
105	Two-dimensional transition metal dichalcogenide nanomaterials for biosensing applications. *Materials Chemistry Frontiers*, **2017**, 1, 24-36	7.8	130
104	Two-dimensional NiCo2O4 nanosheet-coated three-dimensional graphene networks for high-rate, long-cycle-life supercapacitors. *Nanoscale*, **2015**, 7, 7035-9	7.7	126
103	Self-assembled chiral nanofibers from ultrathin low-dimensional nanomaterials. *Journal of the American Chemical Society*, **2015**, 137, 1565-71	16.4	105
102	A Robust Hybrid Zn-Battery with Ultralong Cycle Life. *Nano Letters*, **2017**, 17, 156-163	11.5	103
101	DNA-templated silver nanoclusters for multiplexed fluorescent DNA detection. *Small*, **2015**, 11, 1385-9	11	98
100	Preparation of Single-Layer MoS(2x)Se2(1-x) and Mo(x)W(1-x)S2 Nanosheets with High-Concentration Metallic 1T Phase. *Small*, **2016**, 12, 1866-74	11	91
99	Ag@MoS Core-Shell Heterostructure as SERS Platform to Reveal the Hydrogen Evolution Active Sites of Single-Layer MoS. *Journal of the American Chemical Society*, **2020**, 142, 7161-7167	16.4	88
98	In Situ Synthesis of Metal Sulfide Nanoparticles Based on 2D Metal-Organic Framework Nanosheets. *Small*, **2016**, 12, 4669-74	11	88
97	Synthesis, properties and applications of one- and two-dimensional gold nanostructures. *Nano Research*, **2015**, 8, 40-55	10	84
96	Optical and electrochemical responses of an anthrax biomarker based on single-walled carbon nanotubes covalently loaded with terbium complexes. *Chemical Communications*, **2011**, 47, 12521-3	5.8	84
95	Liquid-phase epitaxial growth of two-dimensional semiconductor hetero-nanostructures. *Angewandte Chemie - International Edition*, **2015**, 54, 1841-5	16.4	79
94	Preparation of 1TQPhase ReSSe (x = 0-1) Nanodots for Highly Efficient Electrocatalytic Hydrogen Evolution Reaction. *Journal of the American Chemical Society*, **2018**, 140, 8563-8568	16.4	77

93	Liquid-phase growth of platinum nanoparticles on molybdenum trioxide nanosheets: an enhanced catalyst with intrinsic peroxidase-like catalytic activity. *Nanoscale*, **2014**, 6, 12340-4	7.7	76
92	Metallic 1T Phase Enabling MoS Nanodots as an Efficient Agent for Photoacoustic Imaging Guided Photothermal Therapy in the Near-Infrared-II Window. *Small*, **2020**, 16, e2004173	11	76
91	Black Phosphorus Quantum Dots. *Angewandte Chemie*, **2015**, 127, 3724-3728	3.6	73
90	Synthesis of graphene-conjugated polymer nanocomposites for electronic device applications. *Nanoscale*, **2013**, 5, 1440-51	7.7	72
89	Single-layer transition metal dichalcogenide nanosheet-assisted assembly of aggregation-induced emission molecules to form organic nanosheets with enhanced fluorescence. *Advanced Materials*, **2014**, 26, 1735-9	24	70
88	Recent Progress on Two-Dimensional Materials. *Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica*, **2021**, 2108017-0	3.8	69
87	Self-Assembly of Two-Dimensional Nanosheets into One-Dimensional Nanostructures. *CheM*, **2016**, 1, 59-77	16.2	67
86	Ternary Chalcogenide Nanosheets with Ultrahigh Photothermal Conversion Efficiency for Photoacoustic Theranostics. *Small*, **2017**, 13, 1604139	11	63
85	Evaporated tellurium thin films for p-type field-effect transistors and circuits. *Nature Nanotechnology*, **2020**, 15, 53-58	28.7	63
84	AuAg nanosheets assembled from ultrathin AuAg nanowires. *Journal of the American Chemical Society*, **2015**, 137, 1444-7	16.4	61
83	Reversible terbium luminescent polyelectrolyte hydrogels for detection of H2PO4(-) and HSO4(-) in water. *Inorganic Chemistry*, **2011**, 50, 2953-6	5.1	61
82	Preparation of Cobalt Sulfide Nanoparticle-Decorated Nitrogen and Sulfur Co-Doped Reduced Graphene Oxide Aerogel Used as a Highly Efficient Electrocatalyst for Oxygen Reduction Reaction. *Small*, **2016**, 12, 5920-5926	11	61
81	A universal method for preparation of noble metal nanoparticle-decorated transition metal dichalcogenide nanobelts. *Advanced Materials*, **2014**, 26, 6250-4	24	58
80	A New Fluoride Luminescence Quencher Based on a Nanostructured Covalently Bonded Terbium Hybrid Material. *Journal of Physical Chemistry C*, **2010**, 114, 13879-13883	3.8	57
79	Synthesis of Palladium-Based Crystalline@Amorphous Core-Shell Nanoplates for Highly Efficient Ethanol Oxidation. *Advanced Materials*, **2020**, 32, e2000482	24	53
78	Phase-Selective Epitaxial Growth of Heterophase Nanostructures on Unconventional 2H-Pd Nanoparticles. *Journal of the American Chemical Society*, **2020**, 142, 18971-18980	16.4	53
77	Lösungsprozessierte MoS2-Nanoplättchen: Herstellung, Hybridisierung und Anwendungen. *Angewandte Chemie*, **2016**, 128, 8960-8984	3.6	51
76	Preparation of Ultrathin Two-Dimensional Ti Ta S O Nanosheets as Highly Efficient Photothermal Agents. *Angewandte Chemie - International Edition*, **2017**, 56, 7842-7846	16.4	50

75	Ordered Porous Pd Octahedra Covered with Monolayer Ru Atoms. *Journal of the American Chemical Society*, **2015**, 137, 14566-9	16.4	50
74	Activating Layered Metal Oxide Nanomaterials via Structural Engineering as Biodegradable Nanoagents for Photothermal Cancer Therapy. *Small*, **2021**, 17, e2007486	11	49
73	Two-Dimensional Nanomaterials with Unconventional Phases. *CheM*, **2020**, 6, 1237-1253	16.2	45
72	Optical and electrical properties of two-dimensional palladium diselenide. *Applied Physics Letters*, **2019**, 114, 253102	3.4	44
71	Preparation and applications of novel composites composed of metal-organic frameworks and two-dimensional materials. *Chemical Communications*, **2016**, 52, 1555-62	5.8	41
70	Selective Epitaxial Growth of Oriented Hierarchical Metal-Organic Framework Heterostructures. *Journal of the American Chemical Society*, **2020**, 142, 8953-8961	16.4	40
69	Quest for p-Type Two-Dimensional Semiconductors. *ACS Nano*, **2019**, 13, 12294-12300	16.7	36
68	Metastable 1T-phase group VIB transition metal dichalcogenide crystals. *Nature Materials*, **2021**, 20, 1113-1120	27	36
67	Triangular Ag-Pd alloy nanoprisms: rational synthesis with high-efficiency for electrocatalytic oxygen reduction. *Nanoscale*, **2014**, 6, 11738-43	7.7	35
66	Terbium hybrid particles with spherical shape as luminescent probe for detection of Cu2+ and Fe3+ in water. *Analytica Chimica Acta*, **2011**, 708, 111-5	6.6	35
65	Dreidimensionale Architekturen aus Übergangsmetall-Dichalkogenid-Nanomaterialien zur elektrochemischen Energiespeicherung und -umwandlung. *Angewandte Chemie*, **2018**, 130, 634-655	3.6	33
64	Fluorescent-based solid sensor for HSO4(-) in water. *Photochemistry and Photobiology*, **2010**, 86, 1191-6	3.6	33
63	A Safe Flexible Self-Powered Wristband System by Integrating Defective MnO Nanosheet-Based Zinc-Ion Batteries with Perovskite Solar Cells. *ACS Nano*, **2021**, 15, 10597-10608	16.7	33
62	Emission response towards three anions (F-, HSO4- and AcO-) by a luminescent europium ternary complex with a 2-arylimidazole-1,10-phenanthroline conjugate. *Photochemical and Photobiological Sciences*, **2010**, 9, 791-5	4.2	32
61	A Facile and Universal Top-Down Method for Preparation of Monodisperse Transition-Metal Dichalcogenide Nanodots. *Angewandte Chemie*, **2015**, 127, 5515-5518	3.6	31
60	A luminescent lanthanide complex-based anion sensor with electron-donating methoxy groups for monitoring multiple anions in environmental and biological processes. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2012**, 96, 387-94	4.4	31
59	Intramolecular Hydrogen Bonding-Based Topology Regulation of Two-Dimensional Covalent Organic Frameworks. *Journal of the American Chemical Society*, **2020**, 142, 13162-13169	16.4	29
58	Roll-to-Roll Manufacturing of Robust Superhydrophobic Coating on Metallic Engineering Materials. *ACS Applied Materials & Interfaces*, **2018**, 10, 2174-2184	9.5	29

57	Ultrathin Amorphous/Crystalline Heterophase Rh and Rh Alloy Nanosheets as Tandem Catalysts for Direct Indole Synthesis. *Advanced Materials*, **2021**, 33, e2006711	24	28
56	A targetable fluorescent sensor for hypochlorite based on a luminescent europium complex loaded carbon nanotube. *Analyst, The*, **2012**, 137, 1872-5	5	26
55	Anion/cation induced optical switches based on luminescent lanthanide (Tb3+ and Eu3+) hydrogels. *Photochemistry and Photobiology*, **2011**, 87, 1036-41	3.6	25
54	Single-Layer Ternary Chalcogenide Nanosheet as a Fluorescence-Based "Capture-Release" Biomolecular Nanosensor. *Small*, **2017**, 13, 1601925	11	24
53	Electrochemically "writing" graphene from graphene oxide. *Small*, **2014**, 10, 3555-9	11	24
52	A universal method for rapid and large-scale growth of layered crystals. *SmartMat*, **2020**, 1, e1011	22.8	23
51	Transition metal dichalcogenide/multi-walled carbon nanotube-based fibers as flexible electrodes for electrocatalytic hydrogen evolution. *Chemical Communications*, **2020**, 56, 5131-5134	5.8	23
50	Preparation of graphene-MoS2 hybrid aerogels as multifunctional sorbents for water remediation. *Science China Materials*, **2017**, 60, 1102-1108	7.1	23
49	Liquid-Phase Epitaxial Growth of Two-Dimensional Semiconductor Hetero-nanostructures. *Angewandte Chemie*, **2015**, 127, 1861-1865	3.6	22
48	Evaporated Se Te Thin Films with Tunable Bandgaps for Short-Wave Infrared Photodetectors. *Advanced Materials*, **2020**, 32, e2001329	24	22
47	Synthesis of WO -WX (n=2.7, 2.9; X=S, Se) Heterostructures for Highly Efficient Green Quantum Dot Light-Emitting Diodes. *Angewandte Chemie - International Edition*, **2017**, 56, 10486-10490	16.4	20
46	Luminescent Cu2+ probes based on rare-earth (Eu3+ and Tb3+) emissive transparent cellulose hydrogels. *Journal of Fluorescence*, **2012**, 22, 1581-6	2.4	19
45	Eu3+ chelate with phenanthroline derivative gives selective emission responses to Cu(II) ions. *Journal of Organometallic Chemistry*, **2011**, 696, 829-831	2.3	18
44	Electrochemical signal response for vitamin B1 using terbium luminescent nanoscale building blocks as optical sensors. *Sensors and Actuators B: Chemical*, **2013**, 188, 1176-1182	8.5	17
43	Synthesis of Pd Sn and PdCuSn Nanorods with L1 Phase for Highly Efficient Electrocatalytic Ethanol Oxidation. *Advanced Materials*, **2021**, e2106115	24	17
42	Photophysical studies of novel lanthanide (Eu3+ and Tb3+) luminescent hydrogels. *Inorganic Chemistry Communication*, **2011**, 14, 515-518	3.1	16
41	Ultrathin Two-Dimensional Organic–Inorganic Hybrid Perovskite Nanosheets with Bright, Tunable Photoluminescence and High Stability. *Angewandte Chemie*, **2017**, 129, 4316-4319	3.6	15
40	A simple electrochemical method for conversion of Pt wires to Pt concave icosahedra and nanocubes on carbon paper for electrocatalytic hydrogen evolution. *Science China Materials*, **2019**, 62, 115-121	7.1	15

39	Intercalation-Activated Layered MoO3 Nanobelts as Biodegradable Nanozymes for Tumor-Specific Photo-Enhanced Catalytic Therapy.. *Angewandte Chemie - International Edition*, **2022**,	16.4	15
38	In-Situ Probing of Crystal-Phase-Dependent Photocatalytic Activities of Au Nanostructures by Surface-Enhanced Raman Spectroscopy **2020**, 2, 409-414		14
37	Luminescence recognition behavior concerning different anions by lanthanide complex equipped with electron-withdraw groups and in PMMA matrix. *Synthetic Metals*, **2010**, 160, 1780-1786	3.6	14
36	Infrared Photodetectors Based on 2D Materials and Nanophotonics. *Advanced Functional Materials*,2111970	15.6	14
35	2-(3-Pyridyl)imidazole-4,5-dicarboxylic acid based lanthanide luminescent anion sensor. *Solid State Sciences*, **2011**, 13, 1687-1691	3.4	13
34	Recognition of H2PO4(-) and Cu2+ in water by luminescent terbium silica xerogel. *Journal of Fluorescence*, **2011**, 21, 1117-22	2.4	13
33	Ultrathin CuFe2S3 nanosheets derived from CuFe-layered double hydroxide as an efficient nanoagent for synergistic chemodynamic and NIR-II photothermal therapy. *Chemical Engineering Journal*, **2021**, 419, 129458	14.7	13
32	Unconventional-Phase Crystalline Materials Constructed from Multiscale Building Blocks. *Chemical Reviews*, **2021**, 121, 5830-5888	68.1	12
31	Crystal phase-controlled growth of PtCu and PtCo alloys on 4H Au nanoribbons for electrocatalytic ethanol oxidation reaction. *Nano Research*, **2020**, 13, 1970-1975	10	11
30	Ultrathin 2D Copper(I) 1,2,4-Triazolate Coordination Polymer Nanosheets for Efficient and Selective Gene Silencing and Photodynamic Therapy. *Advanced Materials*, **2021**, 33, e2100849	24	11
29	Two-dimensional alloyed transition metal dichalcogenide nanosheets: Synthesis and applications. *Chinese Chemical Letters*, **2021**,	8.1	11
28	Preparation of Ultrathin Two-Dimensional TixTa1⊠SyOz Nanosheets as Highly Efficient Photothermal Agents. *Angewandte Chemie*, **2017**, 129, 7950-7954	3.6	10
27	Soft Matter Anion Sensing Based on Lanthanide (Eu3+ and TB3+) Luminescent Hydrogels. *Soft Materials*, **2014**, 12, 98-102	1.7	10
26	Centimeter-Scale and Visible Wavelength Monolayer Light-Emitting Devices. *Advanced Functional Materials*, **2020**, 30, 1907941	15.6	8
25	Nanodots Derived from Layered Materials: Synthesis and Applications. *Advanced Materials*, **2021**, 33, e2006661	24	8
24	Synthesis of WOn-WX2 (n=2.7, 2.9; X=S, Se) Heterostructures for Highly Efficient Green Quantum Dot Light-Emitting Diodes. *Angewandte Chemie*, **2017**, 129, 10622-10626	3.6	7
23	Two novel europium (III) centered anion receptors and their naked eye detections. *Synthetic Metals*, **2012**, 162, 1416-1420	3.6	7
22	Novel pH Induced Reversible Luminescent Lanthanide Hydrogels. *Journal of Cluster Science*, **2013**, 24, 449-458	3	6

21	Recent advances in wearable self-powered energy systems based on flexible energy storage devices integrated with flexible solar cells. *Journal of Materials Chemistry A*, **2021**, 9, 18887-18905	13	6
20	Graphene-based mid-infrared photodetectors using metamaterials and related concepts. *Applied Physics Reviews*, **2021**, 8, 031303	17.3	6
19	Metallic phase enabling MoS nanosheets as an efficient sonosensitizer for photothermal-enhanced sonodynamic antibacterial therapy.. *Journal of Nanobiotechnology*, **2022**, 20, 136	9.4	6
18	From molecule to complex: Design of smart fluorescent anion-sensors. *Optical Materials*, **2013**, 35, 1157-1161	3.3	5
17	Anion responsive dibenzoyl-L-cystine and luminescent lanthanide soft material. *Photochemistry and Photobiology*, **2011**, 87, 641-5	3.6	5
16	Anion/Cation (H2PO4 and Fe3+) induced dual luminescence quenching effect based on terbium solid sensor. *Journal of Rare Earths*, **2010**, 28, 888-892	3.7	5
15	Two-dimensional metallic MoS2-amorphous CoNi(OH)2 nanocomposite for enhanced electrochemical water splitting in alkaline solutions. *Applied Surface Science*, **2021**, 561, 150079	6.7	5
14	A Nb2CTx/sodium alginate-based composite film with neuron-like network for self-powered humidity sensing. *Chemical Engineering Journal*, **2022**, 438, 135588	14.7	5
13	Selective signaling of fluoride anion based on imidazole moieties. *Luminescence*, **2012**, 27, 302-6	2.5	4
12	A General Method for the Synthesis of Hybrid Nanostructures Using MoSe Nanosheet-Assembled Nanospheres as Templates. *Research*, **2019**, 2019, 6439734	7.8	4
11	Preparation of Dye Molecule-Intercalated MoO 3 Organic/Inorganic Superlattice Nanoparticles for Fluorescence Imaging-Guided Catalytic Therapy. *Small*,2200595	11	4
10	Self-Assembly of 2D Nanosheets into 1D Nanostructures for Sensing NO2. *Small Structures*, **2021**, 2, 2100067	8.7	3
9	High-Yield Exfoliation of Ultrathin 2D Ni Cr P S and Ni Cr P Se Nanosheets. *Small*, **2021**, 17, e2006866	11	2
8	General Synthesis of Ordered Mesoporous Carbonaceous Hybrid Nanostructures with Molecularly Dispersed Polyoxometallates. *Angewandte Chemie - International Edition*, **2021**, 60, 15556-15562	16.4	2
7	Exonuclease III-Regulated Target Cyclic Amplification-Based Single Nucleotide Polymorphism Detection Using Ultrathin Ternary Chalcogenide Nanosheets. *Frontiers in Chemistry*, **2019**, 7, 844	5	2
6	Growth of Tellurium Nanobelts on h-BN for p-type Transistors with Ultrahigh Hole Mobility.. *Nano-Micro Letters*, **2022**, 14, 109	19.5	2
5	Sensors: DNA-Templated Silver Nanoclusters for Multiplexed Fluorescent DNA Detection (Small 12/2015). *Small*, **2015**, 11, 1384-1384	11	1
4	Preparation of hierarchical hollow structures assembled from porous NiCo2O4 nanosheets for diesel soot elimination. *EcoMat*, **2020**, 2, e12041	9.4	0

3	Carbon: Carbon-Based Sorbents with Three-Dimensional Architectures for Water Remediation (Small 27/2015). *Small*, **2015**, 11, 3388-3388	11
2	Optical Properties of Two Novel Terbium Thermo-Sensitive Poly(N-Isopropylacrylamide) Gels. *Advanced Materials Research*, **2011**, 399-401, 886-889	0.5
1	General Synthesis of Ordered Mesoporous Carbonaceous Hybrid Nanostructures with Molecularly Dispersed Polyoxometallates. *Angewandte Chemie*, **2021**, 133, 15684-15690	3.6