Yifu Zhang

List of Publications by Year in Descending Order

153 papers	5,023 citations	42 h-index	62 g-index
157 ext. papers	6,162 ext. citations	5.8 avg, IF	6.48 L-index

#	Paper	IF	Citations
153	Cobalt oxide decorated three-dimensional amorphous carbon/cobalt silicate composite derived from bamboo leaves enables the enhanced oxygen evolution reaction. *Chemical Engineering Science*, **2022**, 251, 117490	4.4	1
152	A dual-polymer strategy boosts hydrated vanadium oxide for ammonium-ion storage. *Journal of Colloid and Interface Science*, **2022**, 606, 1322-1332	9.3	8
151	Three-in-One Strategy that Ensures V 2 O 5 n H 2 O with Superior Zn 2+ Storage by Simultaneous Protonated Polyaniline Intercalation and Encapsulation. *Small Structures*, **2022**, 3, 2100212	8.7	6
150	Nickel oxide nanoparticles dispersed on biomass-derived amorphous carbon/cobalt silicate support accelerate the oxygen evolution reaction.. *Journal of Colloid and Interface Science*, **2022**, 616, 476-487	9.3	2
149	Polypyrrole-intercalation tuning lamellar structure of V2O5nH2O boosts fast zinc-ion kinetics for aqueous zinc-ion battery. *Journal of Power Sources*, **2022**, 536, 231489	8.9	3
148	Structural Regulation of Vanadium Oxide by Poly(3,4-ethylenedioxithiophene) Intercalation for Ammonium-ion Supercapacitors **2022**, 100013		1
147	Engineering Interlayer Space of Vanadium Oxide by Pyridinesulfonic Acid-Assisted Intercalation of Polypyrrole Enables Enhanced Aqueous Zinc-Ion Storage.. *ACS Applied Materials & Interfaces*, **2021**,	9.5	10
146	Dual ions enable vanadium oxide hydration with superior Zn2+ storage for aqueous zinc-ion batteries. *Chemical Engineering Journal*, **2021**, 433, 133795	14.7	10
145	RGO/Manganese Silicate/MOF-derived carbon Double-Sandwich-Like structure as the cathode material for aqueous rechargeable Zn-ion batteries. *Journal of Colloid and Interface Science*, **2021**,	9.3	4
144	Dispersed FeO nanoparticles decorated with CoSiO hollow spheres for enhanced oxygen evolution reaction.. *Journal of Colloid and Interface Science*, **2021**, 611, 235-245	9.3	2
143	Synthesis and electrochemical properties of V2O5nH2O compound with reduced graphene oxide/polyvinyl alcohol film as the free-standing cathode for coin-typed aqueous Zn-ion batteries. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 613, 126087	5.1	5
142	Sandwich-like honeycomb Co2SiO4/rGO/honeycomb Co2SiO4 structures with enhanced electrochemical properties for high-performance hybrid supercapacitor. *Journal of Power Sources*, **2021**, 492, 229643	8.9	38
141	Double guarantee mechanism of Ca2+-intercalation and rGO-integration ensures hydrated vanadium oxide with high performance for aqueous zinc-ion batteries. *Inorganic Chemistry Frontiers*, **2021**, 8, 79-89	6.8	29
140	Synthesis of Co2SiO4/Ni(OH)2 core shell structure as the supercapacitor electrode material with enhanced electrochemical properties. *Materials Letters*, **2021**, 282, 128774	3.3	11
139	Hydrated vanadium pentoxide/reduced graphene oxide-polyvinyl alcohol (VO?nHO/rGO-PVA) film as a binder-free electrode for solid-state Zn-ion batteries. *Journal of Colloid and Interface Science*, **2021**, 587, 845-854	9.3	26
138	Alkali etching metal silicates derived from bamboo leaves with enhanced electrochemical properties for solid-state hybrid supercapacitors. *Chemical Engineering Journal*, **2021**, 417, 127964	14.7	29
137	Rice-like and rose-like zinc silicates anchored on amorphous carbon derived from natural reed leaves for high-performance supercapacitors. *Dalton Transactions*, **2021**, 50, 9438-9449	4.3	2

136	The synthesis and electrochemical properties of low-crystallinity iron silicate derived from reed leaves as a supercapacitor electrode material. *Dalton Transactions*, **2021**, 50, 8917-8926	4.3	7
135	Manganese Silicate Nanosheets for Quasi-Solid-State Hybrid Supercapacitors. *ACS Applied Nano Materials*, **2021**, 4, 8173-8183	5.6	10
134	PVA-assisted hydrated vanadium pentoxide/reduced graphene oxide films for excellent Li+ and Zn2+ storage properties. *Journal of Materials Science and Technology*, **2021**, 83, 7-17	9.1	12
133	Bamboo Leaves as Sustainable Sources for the Preparation of Amorphous Carbon/Iron Silicate Anode and Nickel–Cobalt Silicate Cathode Materials for Hybrid Supercapacitors. *ACS Applied Energy Materials*, **2021**, 4, 9328-9340	6.1	7
132	Mn as the "spearhead" preventing the trap of Zn in layered Mn inserted hydrated vanadium pentoxide enables high rate capacity. *Journal of Colloid and Interface Science*, **2021**, 602, 14-22	9.3	15
131	Layered silicate magadiite-derived three-dimensional honeycomb-like cobalt–nickel silicates as excellent cathode for hybrid supercapacitors. *Materials Today Chemistry*, **2021**, 22, 100550	6.2	3
130	Sandwich-Like Sulfur-Doped V2O5/Reduced graphene Oxide/Sulfur-Doped V2O5 Core-shell structure boosts Zinc-Ion storage. *Applied Surface Science*, **2021**, 568, 150919	6.7	4
129	Polyaniline-expanded the interlayer spacing of hydrated vanadium pentoxide by the interface-intercalation for aqueous rechargeable Zn-ion batteries. *Journal of Colloid and Interface Science*, **2021**, 603, 641-650	9.3	20
128	Fabrication and electrochemical properties of manganese dioxide coated on cobalt silicate nanobelts core-shell composites for hybrid supercapacitors. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 600, 124951	5.1	7
127	Facile hydrothermal synthesis and electrochemical properties of (NH4)2V6O16 nanobelts for aqueous rechargeable zinc ion batteries. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 593, 124621	5.1	20
126	In situ grown 2D hydrated ammonium vanadate nanosheets on carbon cloth as a free-standing cathode for high-performance rechargeable Zn-ion batteries. *Journal of Materials Chemistry A*, **2020**, 8, 15130-15139	13	39
125	NH4V3O8·0.5H2O nanobelts with intercalated water molecules as a high performance zinc ion battery cathode. *Materials Chemistry Frontiers*, **2020**, 4, 1434-1443	7.8	47
124	Ammonia-etching-assisted nanotailoring of manganese silicate boosts faradaic capacity for high-performance hybrid supercapacitors. *Sustainable Energy and Fuels*, **2020**, 4, 2220-2228	5.8	18
123	Quasi-solid-state fiber-shaped aqueous energy storage devices: recent advances and prospects. *Journal of Materials Chemistry A*, **2020**, 8, 6406-6433	13	34
122	Fast and reversible zinc ion intercalation in Al-ion modified hydrated vanadate. *Nano Energy*, **2020**, 70, 104519	17.1	100
121	Rapid Combustion Synthesis of Metal Oxides Species Highly Dispersed on Layered Silicate Magadiite. *ChemistrySelect*, **2020**, 5, 569-574	1.8	2
120	Fabrication of vanadium sulfide (VS) wrapped with carbonaceous materials as an enhanced electrode for symmetric supercapacitors. *Journal of Colloid and Interface Science*, **2020**, 574, 312-323	9.3	37
119	Fabrication of 3D hierarchical porous VO2(B)/CNT/rGO ternary nanocomposite with sandwich-like structure as enhanced electrodes for high-performance supercapacitors. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 586, 124222	5.1	8

118	All-in-one stretchable coaxial-fiber strain sensor integrated with high-performing supercapacitor. *Energy Storage Materials*, **2020**, 25, 124-130	19.4	67
117	Stitching of Zn(OH)VO□2HO 2D Nanosheets by 1D Carbon Nanotubes Boosts Ultrahigh Rate for Wearable Quasi-Solid-State Zinc-Ion Batteries. *ACS Nano*, **2020**, 14, 842-853	16.7	104
116	Synthesis of amorphous cobalt silicate nanobelts@manganese silicate core-shell structures as enhanced electrode for high-performance hybrid supercapacitors. *Journal of Colloid and Interface Science*, **2020**, 561, 762-771	9.3	40
115	Facile hydrothermal synthesis and electrochemical properties of (NH4)2V10O25□8H2O nanobelts for high-performance aqueous zinc ion batteries. *Electrochimica Acta*, **2020**, 332, 135506	6.7	39
114	Coupled cobalt silicate nanobelt-on-nanobelt hierarchy structure with reduced graphene oxide for enhanced supercapacitive performance. *Journal of Power Sources*, **2020**, 448, 227407	8.9	62
113	Ammonium ion intercalated hydrated vanadium pentoxide for advanced aqueous rechargeable Zn-ion batteries. *Materials Today Energy*, **2020**, 18, 100509	7	45
112	Fabrication of (NH4)2V3O8 nanoparticles encapsulated in amorphous carbon for high capacity electrodes in aqueous zinc ion batteries. *Chemical Engineering Journal*, **2020**, 382, 122844	14.7	102
111	Designed mesoporous hollow sphere architecture metal (Mn, Co, Ni) silicate: A potential electrode material for flexible all solid-state asymmetric supercapacitor. *Chemical Engineering Journal*, **2019**, 362, 818-829	14.7	174
110	V2O3/C nanocomposites with interface defects for enhanced intercalation pseudocapacitance. *Electrochimica Acta*, **2019**, 318, 635-643	6.7	33
109	Cobalt-nickel silicate hydroxide on amorphous carbon derived from bamboo leaves for hybrid supercapacitors. *Chemical Engineering Journal*, **2019**, 375, 121938	14.7	125
108	Template Fabrication of Amorphous Co2SiO4 Nanobelts/Graphene Oxide Composites with Enhanced Electrochemical Performances for Hybrid Supercapacitors. *ACS Applied Energy Materials*, **2019**, 2, 3830-3839	6.1	71
107	Synthesis of bimetallic-organic framework Cu/Co-BTC and the improved performance of thiophene adsorption.. *RSC Advances*, **2019**, 9, 15642-15647	3.7	18
106	3D Interlaced Networks of VO(OH)2 Nanoflakes Wrapped with Graphene Oxide Nanosheets as Electrodes for Energy Storage Devices. *ACS Applied Nano Materials*, **2019**, 2, 2934-2945	5.6	57
105	Self-assembled HVxOy nanobelts/rGO nanocomposite with an ultrahigh specific capacitance: Synthesis and promising applications in supercapacitors. *Applied Surface Science*, **2019**, 481, 59-68	6.7	13
104	Self-assembled intercalation of 8-hydroxyquinoline into metal ions exchanged magadiites via solid-solid reaction and their optical properties. *Applied Clay Science*, **2019**, 174, 47-56	5.2	8
103	In-situ synthesis of V2O5 hollow spheres coated Ni-foam as binder-free electrode for high-performance symmetrical supercapacitor. *Materials Letters*, **2019**, 248, 101-104	3.3	2
102	Influence of the electrochemical properties of vanadium oxides on specific capacitance by molybdenum doping. *Bulletin of Materials Science*, **2019**, 42, 1	1.7	3
101	Adsorption desulfurization of model gasoline by metal□rganic framework Ni3(BTC)2. *Journal of Energy Chemistry*, **2019**, 32, 8-14	12	17

100	Rice husk-derived Mn3O4/manganese silicate/C nanostructured composites for high-performance hybrid supercapacitors. *Inorganic Chemistry Frontiers*, **2019**, 6, 2788-2800	6.8	43
99	Hydrothermal synthesis of VS/CNTs composite with petal-shape structures performing a high specific capacity in a large potential range for high-performance symmetric supercapacitors. *Journal of Colloid and Interface Science*, **2019**, 554, 191-201	9.3	38
98	A novel ordered hollow spherical nickel silicate□ickel hydroxide composite with two types of morphologies for enhanced electrochemical storage performance. *Materials Chemistry Frontiers*, **2019**, 3, 2090-2101	7.8	55
97	Synthesis of urchin-like NiSiO(OH) hierarchical hollow spheres/GO composite with enhanced electrochemical properties for high-performance hybrid supercapacitors. *Dalton Transactions*, **2019** , 48, 11749-11762	4.3	26
96	A novel intercalation pseudocapacitive electrode material: VO(OH)2/CNT composite with cross-linked structure for high performance flexible symmetric supercapacitors. *Applied Surface Science*, **2019**, 492, 746-755	6.7	18
95	Ammonium Vanadium Oxide [(NH4)2V4O9] Sheets for High Capacity Electrodes in Aqueous Zinc Ion Batteries. *ACS Applied Energy Materials*, **2019**, 2, 7861-7869	6.1	63
94	Synthesis and phase transition properties of VO2 (M) hollow spheres with large thermal hysteresis width. *Micro and Nano Letters*, **2019**, 14, 819-822	0.9	1
93	In-situ grown manganese silicate from biomass-derived heteroatom-doped porous carbon for supercapacitors with high performance. *Journal of Colloid and Interface Science*, **2019**, 534, 142-155	9.3	120
92	Copper oxide/cuprous oxide/hierarchical porous biomass-derived carbon hybrid composites for high-performance supercapacitor electrode. *Journal of Alloys and Compounds*, **2019**, 782, 1103-1113	5.7	48
91	Fe3O4 nanoparticles/polymer immobilized on silicate platelets for crude oil recovery. *Microporous and Mesoporous Materials*, **2019**, 278, 185-194	5.3	16
90	Synthesis of amorphous MnSiO3/graphene oxide with excellent electrochemical performance as supercapacitor electrode. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 562, 93-100	5.1	28
89	Facile synthesis of high-surface vanadium nitride/vanadium sesquioxide/amorphous carbon composite with porous structures as electrode materials for high performance symmetric supercapacitors. *Applied Surface Science*, **2019**, 471, 842-851	6.7	24
88	Intercalation and in situ formation of coordination compounds with ligand 8-hydroxyquinoline-5-sulfonic acid in the interlayer space of layered silicate magadiite by solid-solid reactions. *Microporous and Mesoporous Materials*, **2018**, 266, 14-23	5.3	14
87	Kelp-derived three-dimensional hierarchical porous N, O-doped carbon for flexible solid-state symmetrical supercapacitors with excellent performance. *Applied Surface Science*, **2018**, 447, 876-885	6.7	71
86	Amorphous manganese silicate anchored on multiwalled carbon nanotubes with enhanced electrochemical properties for high performance supercapacitors. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 548, 158-171	5.1	37
85	Synthesis and characterization of Mn-Silicalite-1 by the hydrothermal conversion of Mn-magadiite under the neutral condition and its catalytic performance on selective oxidation of styrene. *Microporous and Mesoporous Materials*, **2018**, 268, 16-24	5.3	28
84	Designed Synthesis and Supercapacitor Electrode of V2O3@C Core-shell Structured Nanorods with Excellent Pseudo-capacitance in Na2SO4 Neutral Electrolyte. *ChemistrySelect*, **2018**, 3, 1577-1584	1.8	7
83	Hierarchical VOOH hollow spheres for symmetrical and asymmetrical supercapacitor devices. *Royal Society Open Science*, **2018**, 5, 171768	3.3	1

82	Encapsulating V2O3 nanorods into carbon core-shell composites with porous structures and large specific surface area for high performance solid-state supercapacitors. *Microporous and Mesoporous Materials*, **2018**, 262, 199-206	5.3	35
81	High pH promoting the synthesis of V-Silicalite-1 with high vanadium content in the framework and its catalytic performance in selective oxidation of styrene. *Dalton Transactions*, **2018**, 47, 11375-11385	4.3	5
80	In-situ hydrothermal growth of Zn4Si2O7(OH)2□H2O anchored on 3D N, S-enriched carbon derived from plant biomass for flexible solid-state asymmetrical supercapacitors. *Chemical Engineering Journal*, **2018**, 352, 519-529	14.7	115
79	3D hierarchical porous VO□HO nanobelts/CNT/reduced graphene oxide integrated composite with synergistic effect for supercapacitors with high capacitance and long cycling life. *Journal of Colloid and Interface Science*, **2018**, 531, 382-393	9.3	65
78	New Strategy for the Morphology-Controlled Synthesis of V2O5 Microcrystals with Enhanced Capacitance as Battery-type Supercapacitor Electrodes. *Crystal Growth and Design*, **2018**, 18, 5365-5376	3.5	63
77	In Situ Generated Ni3Si2O5(OH)4 on Mesoporous Heteroatom-Enriched Carbon Derived from Natural Bamboo Leaves for High-Performance Supercapacitors. *ACS Applied Energy Materials*, **2018**, 1, 3396-3409	6.1	88
76	Hydrothermal encapsulation of VO(A) nanorods in amorphous carbon by carbonization of glucose for energy storage devices. *Dalton Transactions*, **2018**, 47, 452-464	4.3	152
75	Formation and optical properties of metal/10-hydroxybenzo[h]quinolone complexes in the interlayer spaces of magadiite by solid-solid reactions. *Royal Society Open Science*, **2018**, 5, 171732	3.3	1
74	Three-Dimensional Network of Vanadium Oxyhydroxide Nanowires Hybridize with Carbonaceous Materials with Enhanced Electrochemical Performance for Supercapacitor. *ACS Applied Energy Materials*, **2018**,	6.1	5
73	Controlled synthesis of 3D porous VO2(B) hierarchical spheres with different interiors for energy storage. *Inorganic Chemistry Frontiers*, **2018**, 5, 2798-2810	6.8	65
72	PVP-assisted hydrothermal synthesis of VO(OH)2 nanorods for supercapacitor electrode with excellent pseudocapacitance. *Materials Letters*, **2018**, 227, 217-220	3.3	9
71	A strategy for the synthesis of VN@C and VC@C core-shell composites with hierarchically porous structures and large specific surface areas for high performance symmetric supercapacitors. *Dalton Transactions*, **2018**, 47, 8052-8062	4.3	47
70	Template-free synthesis of porous V2O5 flakes as a battery-type electrode material with high capacity for supercapacitors. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 553, 317-326	5.1	16
69	Facile template-free fabrication of hierarchical V2O5 hollow spheres with excellent charge storage performance for symmetric and hybrid supercapacitor devices. *Journal of Alloys and Compounds*, **2018**, 763, 180-191	5.7	28
68	Facile hydrothermal synthesis and electrochemical properties of (NH4)2V4O9 sheets for supercapacitor electrode with excellent performance. *Materials Letters*, **2018**, 229, 26-30	3.3	6
67	Study on the synthesis of FER and SOD in the presence of ethylene glycol and the oxidation transformation of ethylene glycol in a confined region of zeolites. *Journal of Alloys and Compounds*, **2017**, 696, 788-794	5.7	9
66	Synthesis of amorphous carbon coated on V2O3 core-shell composites for enhancing the electrochemical properties of V2O3 as supercapacitor electrode. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2017**, 518, 188-196	5.1	30
65	Study on the oxidation transformation of hexamethyleneimine in a confined region of zeolites. *Microporous and Mesoporous Materials*, **2017**, 244, 158-163	5.3	6

64	Metal oxide decorated layered silicate magadiite for enhanced properties: insight from ZnO and CuO decoration. *Dalton Transactions*, **2017**, 46, 4303-4316	4.3	35
63	Hydrothermal synthesis and electrochemical properties of hierarchical vanadyl hydroxide spheres with hollow core and mesoporous shell. *Microporous and Mesoporous Materials*, **2017**, 249, 137-145	5.3	24
62	Hydrothermal synthesis and supercapacitor electrode of low crystallinity VOOH hollow spheres with pseudocapacitance in aqueous solution. *Materials Letters*, **2017**, 205, 1-5	3.3	19
61	In situ preparation and optical properties of metal-8-hydroxyquinoline decoration of layered silicate: Self-assembly in the magadiite interface by solid-solid reaction. *Microporous and Mesoporous Materials*, **2017**, 246, 102-113	5.3	21
60	Synthesis and characterization of hollow V2O5 microspheres for supercapacitor electrode with pseudocapacitance. *Materials Science-Poland*, **2017**, 35, 188-196	0.6	7
59	Facile preparation, optical and electrochemical properties of layer-by-layer V 2 O 5 quadrate structures. *Applied Surface Science*, **2017**, 399, 151-159	6.7	52
58	Three-dimensional porous VO hierarchical spheres as a battery-type electrode for a hybrid supercapacitor with excellent charge storage performance. *Dalton Transactions*, **2017**, 46, 15048-15058	4.3	75
57	Facile synthesis and characterization of rough surface (mathrm{V}_{2}hbox {O}_{5}) nanomaterials for pseudo-supercapacitor electrode material with high capacitance. *Bulletin of Materials Science*, **2017**, 40, 1137-1149	1.7	14
56	Intercalation of calcein into layered silicate magadiite and their optical properties. *Royal Society Open Science*, **2017**, 4, 171258	3.3	5
55	Synthesis of zeolites Na-A and Na-X from tablet compressed and calcinated coal fly ash. *Royal Society Open Science*, **2017**, 4, 170921	3.3	33
54	One-step hydrothermal preparation of (NH4)2V3O8/carbon composites and conversion to porous V2O5 nanoparticles as supercapacitor electrode with excellent pseudocapacitive capability. *Applied Surface Science*, **2017**, 423, 728-742	6.7	51
53	Study on the oxidation transformation of diethylamine in a confined region of ZSM-22. *Materials Letters*, **2017**, 206, 84-86	3.3	3
52	Synthesis, structure, optical and magnetic properties of interlamellar decoration of magadiite using vanadium oxide species. *Microporous and Mesoporous Materials*, **2017**, 244, 264-277	5.3	30
51	Improvement of the specific capacitance of V2O5 nanobelts as supercapacitor electrode by tungsten doping. *Materials Chemistry and Physics*, **2017**, 186, 5-10	4.4	27
50	A novel route for synthesis and growth formation of metal oxides microspheres: Insights from V2O3 microspheres. *Materials Chemistry and Physics*, **2016**, 177, 543-553	4.4	13
49	Facile fabrication of Fe3O4 and Co3O4 microspheres and their influence on the thermal decomposition of ammonium perchlorate. *Journal of Alloys and Compounds*, **2016**, 674, 259-265	5.7	72
48	Fabrication of V2O5 with various morphologies for high-performance electrochemical capacitor. *Applied Surface Science*, **2016**, 377, 385-393	6.7	98
47	Facile synthesis and characterization of LiV 3 O 8 with sheet-like morphology for high-performance supercapacitors. *Materials Letters*, **2016**, 171, 240-243	3.3	25

46	Synthesis and supercapacitor electrode of VO2(B)/C core–shell composites with a pseudocapacitance in aqueous solution. *Applied Surface Science*, **2016**, 371, 189-195	6.7	70
45	VO2(B) conversion to VO2(A) and VO2(M) and their oxidation resistance and optical switching properties. *Materials Science-Poland*, **2016**, 34, 169-176	0.6	23
44	A facile hydrothermal synthesis of tungsten doped monoclinic vanadium dioxide with B phase for supercapacitor electrode with pseudocapacitance. *Materials Letters*, **2016**, 182, 285-288	3.3	19
43	Study on the synthesis of MFI and FER in the presence of n-butylamine and the property of n-butylamine in a confined region of zeolites. *RSC Advances*, **2016**, 6, 114808-114817	3.7	9
42	Synthesis of zeolite Y from diatomite and its modification by dimethylglyoxime for the removal of Ni(II) from aqueous solution. *Journal of Sol-Gel Science and Technology*, **2016**, 80, 215-225	2.3	12
41	Hydrothermal synthesis of vanadium dioxides/carbon composites and their transformation to surface-uneven V2O5 nanoparticles with high electrochemical properties. *RSC Advances*, **2016**, 6, 93741-93752	3.7	43
40	Hydrothermal treatment with VO2(B) nanobelts for synthesis of VO2(A) and W doped VO2(M) nanobelts. *Materials Research Innovations*, **2015**, 19, 295-302	1.9	5
39	Synthesis and characterization of VO2@poly(sodium styrene sulfonate)/polypyrrole using VO2@PSS as a template. *Materials Express*, **2015**, 5, 351-358	1.3	4
38	Facile one-pot hydrothermal synthesis of belt-like □V6O13 with rectangular cross sections for Li-ion battery application. *Materials Letters*, **2015**, 160, 404-407	3.3	25
37	The influence of VO2(B) nanobelts on thermal decomposition of ammonium perchlorate. *Materials Science-Poland*, **2015**, 33, 560-565	0.6	4
36	Controlled synthesis of V6 O13 nanobelts by a facile one-pot hydrothermal process and their effect on thermal decomposition of ammonium perchlorate. *Materials Express*, **2015**, 5, 105-112	1.3	12
35	Changes of medium-range structure in the course of crystallization of mordenite from diatomite. *Microporous and Mesoporous Materials*, **2015**, 206, 52-57	5.3	12
34	Facile hydrothermal synthesis of ultrahigh-aspect-ratio V2O5 nanowires for high-performance supercapacitors. *Current Applied Physics*, **2015**, 15, 493-498	2.6	96
33	Fabrication and catalytic activity of ultra-long V2O5 nanowires on the thermal decomposition of ammonium perchlorate. *Ceramics International*, **2014**, 40, 11393-11398	5.1	33
32	One-step hydrothermal conversion of VO2(B) into W-doped VO2(M) and its phase transition and optical switching properties. *Solid State Communications*, **2014**, 180, 24-27	1.6	30
31	Synthesis of V2O3/C composites with different morphologies by a facile route and phase transition properties of the compounds. *Materials Science-Poland*, **2014**, 32, 236-242	0.6	9
30	Active Functional Group-coated VO2(B) Nanorods: Facile One-pot Hydrothermal Synthesis and Conversion to V2O3. *Chemistry Letters*, **2014**, 43, 337-339	1.7	7
29	Changes of medium-range structure in the course of crystallization of zeolite omega from magadiite. *Microporous and Mesoporous Materials*, **2014**, 200, 86-91	5.3	15

28	One-step hydrothermal synthesis and characterization of V□rO nanospheres and their excellent performance in the ammoxidation of 3,4- and 2,6-DCT. *Materials Research Bulletin*, **2013**, 48, 3620-3624	5.1	19
27	Exploring a novel approach to fabricate vanadium carbide encapsulated into carbon nanotube (VC@C) with large specific surface area. *Bulletin of Materials Science*, **2013**, 36, 345-351	1.7	12
26	Influence of different additives on the synthesis of VO2 polymorphs. *Ceramics International*, **2013**, 39, 8363-8376	5.1	42
25	Direct preparation and formation mechanism of belt-like doped VO2(M) with rectangular cross sections by one-step hydrothermal route and their phase transition and optical switching properties. *Journal of Alloys and Compounds*, **2013**, 570, 104-113	5.7	46
24	Synthesis and characterization of addition-type silicone rubbers (ASR) using a novel cross linking agent PH prepared by vinyl-POSS and PMHS. *Polymer Degradation and Stability*, **2013**, 98, 916-925	4.7	26
23	Fabrication of belt-like VO2(M)@C core-shell structured composite to improve the electrochemical properties of VO2(M). *Current Applied Physics*, **2013**, 13, 47-52	2.6	23
22	Facile hydrothermal synthesis of vanadium oxides nanobelts by ethanol reduction of peroxovanadium complexes. *Ceramics International*, **2013**, 39, 129-141	5.1	66
21	The additives W, Mo, Sn and Fe for promoting the formation of VO2(M) and its optical switching properties. *Materials Letters*, **2013**, 92, 61-64	3.3	46
20	Preparation of Amorphous Carbon Nanotubes (a-CNTs) from Vanadium Dioxide@Organic Carbon Core□Shell-structured Composites and Their Thermal Stability in Air. *Chemistry Letters*, **2013**, 42, 1502-1504	1.7	1
19	Facile synthesis, phase transition, optical switching and oxidation resistance properties of belt-like VO2(A) and VO2(M) with a rectangular cross section. *Materials Research Bulletin*, **2012**, 47, 1978-1986	5.1	30
18	A novel route to fabricate belt-like VO2(M)@C core-shell structured composite and its phase transition properties. *Materials Letters*, **2012**, 71, 127-130	3.3	33
17	Synthesis of V O2(A) nanobelts by the transformation of V O2(B) under the hydrothermal treatment and its optical switching properties. *Solid State Communications*, **2012**, 152, 253-256	1.6	30
16	Preparation of W- and Mo-doped VO2(M) by ethanol reduction of peroxovanadium complexes and their phase transition and optical switching properties. *Journal of Alloys and Compounds*, **2012**, 544, 30-36	5.7	50
15	Fabrication of V2O3/C core□shell structured composite and VC nanobelts by the thermal treatment of VO2/C composite. *Applied Surface Science*, **2012**, 258, 9650-9655	6.7	16
14	Direct fabrication of organic carbon coated VO2(B) (VO2(B)@C) core□shell structured nanobelts by one step hydrothermal route and its formation mechanism. *Applied Surface Science*, **2012**, 263, 124-131	6.7	23
13	Controlled synthesis and electrochemical properties of vanadium oxides with different nanostructures. *Bulletin of Materials Science*, **2012**, 35, 369-376	1.7	22
12	Beltlike V2O3@C Core□Shell-Structured Composite: Design, Preparation, Characterization, Phase Transition, and Improvement of Electrochemical Properties of V2O3. *European Journal of Inorganic Chemistry*, **2012**, 2012, 1650-1659	2.3	93
11	Belt-like VO2(M) with a rectangular cross section: A new route to prepare, the phase transition and the optical switching properties. *Current Applied Physics*, **2012**, 12, 875-879	2.6	31

10	Synthesis and characterization of belt-like VO2(B)@carbon and V2O3@carbon core–shell structured composites. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2012**, 396, 144-152	5.1	39
9	Facile synthesis of V2O3/C composite and the effect of V2O3 and V2O3/C on decomposition of ammonium perchlorate. *Micro and Nano Letters*, **2012**, 7, 782	0.9	16
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