Qinxing Xie

List of Publications by Year
in descending order

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41	822	430754	501076
papers	citations	18 h-index	28 g-index

42	42	42	1153
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sustainable Low-Cost Green Electrodes with High Volumetric Capacitance for Aqueous Symmetric Supercapacitors with High Energy Density. ACS Sustainable Chemistry and Engineering, 2016, 4, 1422-1430.	3.2	116
2	Core-shell N-doped active carbon fiber@graphene composites for aqueous symmetric supercapacitors with high-energy and high-power density. Journal of Power Sources, 2016, 317, 133-142.	4.0	79
3	Graphene enhanced anchoring of nanosized Co3O4 particles on carbon fiber cloth as free-standing anode for lithium-ion batteries with superior cycling stability. Electrochimica Acta, 2017, 247, 125-131.	2.6	44
4	Sandwich-like nitrogen-enriched porous carbon/graphene composites as electrodes for aqueous symmetric supercapacitors with high energy density. Electrochimica Acta, 2016, 189, 22-31.	2.6	42
5	In-plane porous Co₃O₄ nanosheet assembled 3D hierarchical clusters grown on stainless steel mesh as binder-free anodes for high performance lithium ion batteries. Journal of Materials Chemistry A, 2018, 6, 8388-8395.	5.2	40
6	Nitrogen-enriched graphene-like carbon architecture with tunable porosity derived from coffee ground as high performance anodes for lithium ion batteries. Applied Surface Science, 2021, 537, 148092.	3.1	38
7	Reed straw derived active carbon/graphene hybrids as sustainable high-performance electrodes for advanced supercapacitors. Journal of Solid State Electrochemistry, 2016, 20, 449-457.	1.2	36
8	Novel nanoarchitectured Zn2SnO4 anchored on porous carbon as high performance anodes for lithium ion batteries. Materials Letters, 2015, 138, 120-123.	1.3	34
9	Polystyrene foam derived nitrogen-enriched porous carbon/graphene composites with high volumetric capacitances for aqueous supercapacitors. Microporous and Mesoporous Materials, 2017, 239, 130-137.	2.2	34
10	High performance aqueous symmetric supercapacitors based on advanced carbon electrodes and hydrophilic poly(vinylidene fluoride) porous separator. Applied Surface Science, 2018, 443, 412-420.	3.1	33
11	A facile fabrication of MnO2/graphene hybrid microspheres with a porous secondary structure for high performance supercapacitors. Journal of Solid State Electrochemistry, 2015, 19, 949-956.	1.2	32
12	EDTA-Co(II) sodium complex derived Co(OH)2/Co3O4/Co nanoparticles embedded in nitrogen-enriched graphitic porous carbon as lithium-ion battery anode with superior cycling stability. Applied Surface Science, 2020, 504, 144515.	3.1	26
13	Graphene functionalized attapulgite/sulfur composite as cathode of lithiumâ€“sulfur batteries for energy storage. Microporous and Mesoporous Materials, 2016, 224, 239-244.	2.2	23
14	Nitrogen-enriched graphitic carbon encapsulated Fe3O4/Fe3C/Fe composite derived from EDTA-Fe(III) sodium complex as LiBs anodes with boosted performance. Journal of Electroanalytical Chemistry, 2020, 857, 113749.	1.9	21
15	Structural and Electronic Characterization of Eu2LiSi3, Eu2LiGe3 and EuxSr2â"xLiGe3 Mixed Crystals. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 1743-1751.	0.6	20
16	Flexible carbon@graphene composite cloth for advanced lithiumâ€“sulfur batteries and supercapacitors with enhanced energy storage capability. Journal of Materials Science, 2017, 52, 13478-13489.	1.7	20
17	Supercapacitive behavior of laminar-structured carbon cloth with alternating graphene and hybrid nanofibers: A synergistic effect of graphene-coating and post-oxidization. Applied Surface Science, 2017, 407, 36-43.	3.1	19
18	Nitrogen-enriched flexible porous carbon/graphene composite cloth as free-standing electrodes for high performance aqueous supercapacitors. Journal of Electroanalytical Chemistry, 2017, 801, 57-64.	1.9	19

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19	A facile fabrication of micro/nano-sized silicon/carbon composite with a honeycomb structure as high-stability anodes for lithium-ion batteries. Journal of Electroanalytical Chemistry, 2021, 884, 115074.	1.9	19
20	Ttâ€Tt (Tt = Si, Ge) Dumbâ€Bell Structures at Different Valence Electron Concentrations: Ln₂MgSi₂ (Ln = La, Ce), Yb₂Li_{0.5}Ge₂, and Yb_{1.75}Mg_{0.75}Si₂. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 2469-2476.	0.6	16
21	A Bis(1,2-Azaborolyl)yttrium Alkyl Complex: Synthesis, Structure, and Polymerization Study. Organometallics, 2008, 27, 2892-2895.	1.1	16
22	One-pot hydrothermal fabrication and enhanced lithium storage capability of SnO2 nanorods intertangled with carbon nanotubes and graphene nanosheets. Journal of Materials Science, 2018, 53, 9206-9216.	1.7	16
23	EDTA-Fe(III) sodium complexâ€“derived bubble-like nitrogen-enriched highly graphitic carbon nanospheres as anodes with high specific capacity for lithium-ion batteries. Ionics, 2020, 26, 85-94.	1.2	15
24	Facile fabrication of honeycomb-like restacking-inhibited graphene architecture with superior electrochemical performance for energy storage. Materials Letters, 2018, 225, 93-96.	1.3	10
25	Polytypism of LiSr2Ge3 and the Solid Solutions LiSr2SixGe3-x and LiSr2-xEuxGe3 (0 < x < 1). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 846-858.	0.6	9
26	Wrinkled p-phenylenediamine grafted graphene oxide as reinforcement for polyvinyl butyral anti-corrosive coating. Journal of Materials Science, 2021, 56, 12686-12699.	1.7	8
27	N/O co-enriched amorphous carbon coated graphene with a sandwiched porous architecture as supercapacitor electrodes with high volumetric specific capacitance. Journal of Materials Science: Materials in Electronics, 2019, 30, 20265-20275.	1.1	6
28	A strategic co-assembly of carbon nanotubes and graphene on hierarchical flower-like Sn3O4 clusters aimed to enhance lithium storage capability. Journal of Electroanalytical Chemistry, 2021, 880, 114898.	1.9	6
29	Attapulgite and multiwalled carbon nanotubes co-integrated hierarchical porous polyacrylonitrile membrane as a multifunctional interlayer for lithium-sulfur batteries with enhanced performance. Journal of Electroanalytical Chemistry, 2021, 898, 115629.	1.9	6
30	Heterostructured Î´-MnO2/Fe2O3 nanoarrays layer-by-layer assembled on stainless-steel mesh as free-standing anodes for lithium ion batteries towards enhanced performance. Materials Today Communications, 2022, 32, 104034.	0.9	4
31	Microstructure and mechanical properties of Al₂O₃/MgAl₂O₄/ZrO₂ eutectic ceramic prepared with induction zone melting. Materials Research Innovations, 2015, 19, S1-355-S1-358.	1.0	3
32	Influence of graphene coating on supercapacitive behavior of sandwich-like N- and O-enriched porous carbon/graphene composites in aqueous and organic electrolytes. Ionics, 2017, 23, 1499-1507.	1.2	3
33	Composite membrane of poly-guanidine cationic surface for desalination. Water Science and Technology: Water Supply, 0, , .	1.0	3
34	Ball-Milled Silicon with Amorphous Al₂O₃/C Hybrid Coating Embedded in Graphene/Graphite Nanosheets with a Boosted Lithium Storage Capability. Langmuir, 2022, 38, 8555-8563.	1.6	3
35	Propane dehydrogenation over PtSnMg/Cr₂O₃Â·Al₂O₃ catalysts: effect of the amount of Mg loading. IOP Conference Series: Materials Science and Engineering, 2017, 167, 012053.	0.3	2
36	Crystal structure of sodium strontium monogermanide, NaxSr1â€“xGe (x = 0.14). Zeitschrift Fur Kristallographie - New Crystal Structures, 2003, 218, 291-292.	0.1	1

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37	Crystal structure of distrontium lithium magnesium trisilicide, Sr2(LixMg2-x)Si3(x=1). Zeitschrift Fur Kristallographie - New Crystal Structures, 2003, 218, 311-312.	0.1	0
38	Crystal structure of octa(barium, strontium)hexazinc tetracontagermanide, Ba7.56Ge40Sr0.44Zn6. Zeitschrift Fur Kristallographie - New Crystal Structures, 2013, 228, 443-444.	0.1	0
39	Crystal structure of barium germanide, BaGe1.51. Zeitschrift Fur Kristallographie - New Crystal Structures, 2013, 228, 441-442.	0.1	0
40	Crystal structure of sodium strontium monogermanide, NaxSr1-xGe(x=0.14). Zeitschrift Fur Kristallographie - New Crystal Structures, 2003, 218, 313-314.	0.1	0
41	Crystal structure of dieuropium and distrontium di(lithium, magnesium) trigermanide, M2LixMg2-x Ge3 (M = Eu, x = 1.16; M = Sr, x = 0.94). Zeitschrift Fur Kristallographie - New Crystal Structures, 2004, 219, 93-94.	0.1	0