CITATION REPORT List of articles citing

Determination of the specific capacitance of conducting polymer/nanotubes composite electrodes using different cell configurations

DOI: 10.1016/j.electacta.2004.10.078 Electrochimica Acta, 2005, 50, 2499-2506.

Source: https://exaly.com/paper-pdf/38123021/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. 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.

#	Paper IF	Citations
686	Electric Potential-Controlled Interfacial Interaction between Gold and Hydrophilic/Hydrophobic Surfaces in Aqueous Solutions.	
685	Hierarchical Nanocomposites by Oligomer-Initiated Controlled Polymerization of Aniline on Graphene Oxide Sheets for Energy Storage.	
684	A Self-Supporting Electrode for Supercapacitors Prepared by One-Step Pyrolysis of Carbon Nanotube/Polyacrylonitrile Blends. 2005 , 17, 2380-2384	271
683	Highly dispersed ruthenium oxide nanoparticles on carboxylated carbon nanotubes for supercapacitor electrode materials. 2005 , 15, 4914	139
682	Nanotechnology. 2005 ,	
681	Nanotubes Based Composites for Energy Storage in Supercapacitors. 2006 , 51, 145-155	1
680	Surface Properties, Porosity, Chemical and Electrochemical Applications. 2006, 495-549	10
679	Chapter 6 Application of nanotextured carbons for supercapacitors and hydrogen storage. 2006 , 7, 293-343	9
678	Preparation and Electrochemical Characterization of Polyaniline-Carbon Nanotubes Supercapacitors. 2006 ,	
677	Addition of Capacitor Property into Polymer Electrolyte Fuel Cell by Using Composite of Conducting Polymer and Pt-deposited Carbon. 2006 , 74, 394-396	
676	Characteristics of polypyrrole electrodeposited onto roughened substrates composed of goldBilver bimetallic nanoparticles. 2006 , 44, 2724-2731	22
675	Electrochemical sensors based on conducting polymerpolypyrrole. <i>Electrochimica Acta</i> , 2006 , 51, 6025-6 63 ,7	655
674	Composite anode material of silicon/graphite/carbon nanotubes for Li-ion batteries. <i>Electrochimica Acta</i> , 2006 , 51, 4994-5000	189
673	Polypyrrole/carbon composite electrode for high-power electrochemical capacitors. <i>Electrochimica Acta</i> , 2006 , 52, 1727-1732	121
672	Capacitance properties of multi-walled carbon nanotubes modified by activation and ammoxidation. 2006 , 44, 2368-2375	103
671	High-performance polypyrrole electrode materials for redox supercapacitors. 2006 , 8, 937-940	354
670	Fabrication of network films of conducting polymer-linked polyoxometallate-stabilized carbon nanostructures. <i>Electrochimica Acta</i> , 2006 , 51, 2373-2379	92

(2007-2006)

669	Hydrothermal synthesis of binary Rulli oxides with excellent performances for supercapacitors. <i>Electrochimica Acta</i> , 2006 , 52, 1749-1757	6.7	36
668	Influence of the microstructure on the supercapacitive behavior of polyaniline/single-wall carbon nanotube composites. 2006 , 157, 616-620		122
667	Capacitance properties of poly(3,4-ethylenedioxythiophene)/polypyrrole composites. 2006, 159, 370-37	'3	72
666	Polypyrrole-Fe2O3 nanohybrid materials for electrochemical storage. 2006 , 11, 398-406		56
665	High-voltage asymmetric supercapacitors operating in aqueous electrolyte. 2006 , 82, 567-573		310
664	Polyaniline/single-wall carbon nanotube (PANI/SWCNT) composites for high performance supercapacitors. <i>Electrochimica Acta</i> , 2006 , 52, 1721-1726	6.7	346
663	Development and characterization of flexible electrochromic devices based on polyaniline and poly(3,4-ethylenedioxythiophene)-poly(styrene sulfonic acid). <i>Electrochimica Acta</i> , 2006 , 51, 5858-5863	6.7	48
662	Preparation and electrochemical characterization of C/PANI composite electrode materials. 2006 , 13, 353-359		10
661	A High-Performance Carbon for Supercapacitors Obtained by Carbonization of a Seaweed Biopolymer. 2006 , 18, 1877-1882		711
660	Understanding Carbon©arbon Composites as Electrodes of Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2007 , 154, A579	3.9	30
659	Effect of Pore Morphology on the Electrochemical Properties of Electric Double Layer Carbon Cryogel Supercapacitors. 2007 , 1056, 1		
658	????????????(SG-SWCNT)???????. 2007 , 75, 374-379		2
657	Applications of Nanostructured Hybrid Materials for Supercapacitors. 219-248		
656	Polyaniline/Carbon Nanotube Composite Cathode for Rechargeable Lithium Polymer Batteries Assembled with Gel Polymer Electrolyte. <i>Journal of the Electrochemical Society</i> , 2007 , 154, A134	3.9	74
655	. 2007,		84
654	High Electroactivity of Polyaniline in Supercapacitors by Using a Hierarchically Porous Carbon Monolith as a Support. 2007 , 17, 3083-3087		389
653	Characterization of a manganese dioxide/carbon nanotube composite fabricated using an in situ coating method. 2007 , 45, 2365-2373		343
652	Nanotubes based composites rich in nitrogen for supercapacitor application. 2007 , 9, 1828-1832		214

651	A study of the electrochemical behaviour of electrodes in operating solid-state supercapacitors. <i>Electrochimica Acta</i> , 2007 , 53, 710-719	6.7	22
650	Supercapacitive properties of polyaniline/Nafion/hydrous RuO2 composite electrodes. 2007 , 166, 297-3	01	84
649	Synthesis and electrochemical capacitance of binderless nanocomposite electrodes formed by dispersion of carbon nanotubes and carbon aerogels. 2007 , 172, 991-998		49
648	Electrochemical performance of polyaniline nanofibres and polyaniline/multi-walled carbon nanotube composite as an electrode material for aqueous redox supercapacitors. 2007 , 171, 1062-1068		326
647	Synthesis of polyaniline-coated ordered mesoporous carbon and its enhanced electrochemical properties. 2007 , 61, 4627-4630		23
646	Carbon materials for supercapacitor application. 2007 , 9, 1774-85		1539
645	High capacitance properties of polyaniline by electrochemical deposition on a porous carbon substrate. <i>Electrochimica Acta</i> , 2007 , 52, 3258-3264	6.7	89
644	Polyaniline/porous carbon electrodes by chemical polymerisation: Effect of carbon surface chemistry. <i>Electrochimica Acta</i> , 2007 , 52, 4962-4968	6.7	53
643	Electrochemical supercapacitor electrode material based on poly(3,4-ethylenedioxythiophene)/polypyrrole composite. 2007 , 163, 1120-1125		147
642	Preparation and electrochemical characterization of polyaniline/multi-walled carbon nanotubes composites for supercapacitor. 2007 , 143, 7-13		173
641	A novel capacitor material based on Nafion-doped polypyrrole. 2008, 177, 665-668		95
640	Composite electrode composed of bimodal porous carbon and polypyrrole for electrochemical capacitors. 2008 , 185, 1589-1593		37
639	Electron field emission properties of conducting polymer coated multi walled carbon nanotubes. 2008 , 254, 6770-6774		33
638	Enhanced electrochemical properties of polyaniline-coated multiwall carbon nanotubes. 2008, 15, 647-6	51	5
637	Electrochemical capacitance of the composite of poly (3,4-ethylenedioxythiophene) and functionalized single-walled carbon nanotubes. 2008 , 12, 947-952		27
636	Preparation and electrochemical performance of activated carbon thin films with polyethylene oxide-salt addition for electrochemical capacitor applications. 2008 , 12, 1349-1355		48
635	Novel chemically synthesized polyaniline electrodes containing a fluoroboric acid dopant for supercapacitors. 2008 , 107, 1887-1892		44
634	3D aperiodic hierarchical porous graphitic carbon material for high-rate electrochemical capacitive energy storage. 2008 , 47, 373-6		1604

(2008-2008)

633	Capacitive Energy Storage. 2008 , 120, 379-382		441
632	On the performance of supercapacitors with electrodes based on carbon nanotubes and carbon activated material review. 2008 , 40, 2596-2605		327
631	Fabrication and electrochemical properties of carbon nanotube/polypyrrole composite film electrodes with controlled pore size. 2008 , 176, 396-402		85
630	The effect of the conditions of electrodeposition on the capacitive properties of dinitrobenzoyl-derivative polypyrrole films. 2008 , 177, 669-675		10
629	Improved capacitance characteristics during electrochemical charging of carbon nanotubes modified with polyoxometallate monolayers. <i>Electrochimica Acta</i> , 2008 , 53, 3862-3869	6.7	66
628	Facile synthesis and electrochemical capacitance of composites of polypyrrole/multi-walled carbon nanotubes. <i>Electrochimica Acta</i> , 2008 , 53, 4990-4997	6.7	49
627	Electrochemical properties of electrospun PAN/MWCNT carbon nanofibers electrodes coated with polypyrrole. <i>Electrochimica Acta</i> , 2008 , 53, 5796-5803	6.7	131
626	Preparation of polyaniline nanowire arrayed electrodes for electrochemical supercapacitors. 2008 , 110, 590-594		69
625	Graphene-based ultracapacitors. 2008 , 8, 3498-502		6815
624	Preparation and study of polyaniline-and multiwall-carbon-nanotube-based composite materials. 2008 , 44, 828-834		6
623	Carbon nanotube and conducting polymer composites for supercapacitors. 2008, 18, 777-788		570
622	Exfoliated Graphene Separated by Platinum Nanoparticles. 2008 , 20, 6792-6797		984
621	Electrochemical Energy Storage. 2008 , 593-629		2
620	High-Rate Lithium-Ion Battery Cathodes Using Nanostructured Polyaniline/Carbon Nanotube Array Composites. 2008 , 11, A223		16
619	Synthesis, characterization and microwave absorption property of doped polyaniline nanocomposites containing TiO2 nanoparticles and carbon nanotubes. 2008 , 158, 251-258		111
618	Gelatin Hydrogel Electrolytes and Their Application to Electrochemical Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2008 , 155, A74	3.9	47
617	Polyaniline-carbon nanotube composites. 2008 , 80, 2377-2395		116
616	Electrochemical Methods to Enhance the Capacitance in Activated Carbon/Polyaniline Composites. <i>Journal of the Electrochemical Society</i> , 2008 , 155, A672	3.9	47

615	Effect of pore morphology on the electrochemical properties of electric double layer carbon cryogel supercapacitors. 2008 , 104, 014305		44
614	Monomer concentration effect on electrochemically modified carbon fiber with poly[1-(4-methoxyphenyl)-1H-pyrrole] as microcapacitor electrode. 2009 , 28, 120-130		21
613	Electrochemical synthesis and studies of polypyrroles doped by renewable dopant cardanol azophenylsulfonic acid derived from cashew nutshells. 2009 , 114, 3125-3131		8
612	Microstructural behaviors of polyaniline/CB Composites by SAXS. 2009 , 116, n/a-n/a		4
611	Supercapacitive properties of composite electrodes consisting of polyaniline, carbon nanotube, and RuO2. 2009 , 39, 1331-1337		41
610	A non-aqueous electrolyte-based asymmetric supercapacitor with polymer and metal oxide/multiwalled carbon nanotube electrodes. 2009 , 11, 725-729		44
609	Hybrid supercapacitor based on polyaniline doped with lithium salt and activated carbon electrodes. 2009 , 16, 434-439		8
608	Improvement of polypyrrole and carbon nanotube co-deposition techniques for high charge-transfer electrodes. 2009 , 246, 2469-2472		6
607	Flexible carbon nanotube/polyaniline paper-like films and their enhanced electrochemical properties. 2009 , 11, 186-189		283
606	Influence of microstructure on the capacitive performance of polyaniline/carbon nanotube array composite electrodes. <i>Electrochimica Acta</i> , 2009 , 54, 1153-1159	6.7	143
605	Incorporation of polyaniline into macropores of three-dimensionally ordered macroporous carbon electrode for electrochemical capacitors. 2009 , 190, 596-600		47
604	Graphene oxide doped polyaniline for supercapacitors. 2009 , 11, 1158-1161		702
603	The composites of polyaniline with multiwall carbon nanotubes: Preparation, electrochemical properties, and conductivity. 2009 , 45, 1266-1275		8
602	In-situ electrochemical polymerization of multi-walled carbon nanotube/polyaniline composite films for electrochemical supercapacitors. 2009 , 159, 260-266		209
601	Carbon nanotube arrays and their composites for electrochemical capacitors and lithium-ion batteries. 2009 , 2, 932		224
600	Novel Nanocomposite Materials for Advanced Li-Ion Rechargeable Batteries. 2009 , 2, 1205-1238		24
599	Hydrogel-Assisted Polyaniline Microfiber as Controllable Electrochemical Actuatable Supercapacitor. <i>Journal of the Electrochemical Society</i> , 2009 , 156, A313	3.9	51
598	Electrical Double-Layer Capacitors and Pseudocapacitors. <i>Advanced Materials and Technologies</i> , 2009 , 329-375		10

597 Carbon, 7. Fullerenes and Carbon Nanomaterials. 2010,

596	The carbon nanotubes-polyaniline composites and their effect on catalytic properties of deposited catalysts. 2010 , 46, 1280-1288	4
595	Best practice methods for determining an electrode material's performance for ultracapacitors. 2010 , 3, 1294	1715
594	Graphene/Polyaniline Nanofiber Composites as Supercapacitor Electrodes. 2010 , 22, 1392-1401	1884
593	Polypyrrole/carbon aerogel composite materials for supercapacitor. 2010 , 195, 6964-6969	178
592	Carbon nanotubes for supercapacitor. <i>Nanoscale Research Letters</i> , 2010 , 5, 654-68	515
591	Usefulness of a composite electrode with a carbon surface modified by electrosynthesized polypyrrole for supercapacitor applications. 2010 , 40, 1925-1931	16
590	Nanostructured carbon and carbon nanocomposites for electrochemical energy storage applications. 2010 , 3, 136-68	563
589	Synthesis and Electrical Capacitance of Carbon Nanoplates. 2010 , 2010, 4314-4320	10
588	Detonation Nanodiamond and Onion-Like-Carbon-Embedded Polyaniline for Supercapacitors. 2010 , 20, 3979-3986	208
587	Nitrogen-containing hydrothermal carbons with superior performance in supercapacitors. 2010 , 22, 5202-6	789
586	Synthesis of copolymer of aniline and pyrrole by inverted emulsion polymerization method for supercapacitor. 2010 , 115, 1695-1701	29
585	Characterization and Properties of Poly[N-(2-cyanoethyl)pyrrole]. 2010, 211, 1663-1672	18
584	Self-supported supercapacitor membranes: Polypyrrole-coated carbon nanotube networks enabled by pulsed electrodeposition. 2010 , 195, 674-679	159
583	Preparation of graphene nanosheet/carbon nanotube/polyaniline composite as electrode material for supercapacitors. 2010 , 195, 3041-3045	498
582	A new type of high energy asymmetric capacitor with nanoporous carbon electrodes in aqueous electrolyte. 2010 , 195, 4234-4241	186
581	Highly conductive, melt processable polymer composites based on nickel and low melting eutectic metal. 2010 , 51, 2954-2958	29
580	Properties and chemical oxidation polymerization of polyaniline/neutral red/TiO2 composite electrodes. 2010 , 171, 104-108	18

579	Polyaniline/multi-walled carbon nanotube composites with coreBhell structures as supercapacitor electrode materials. <i>Electrochimica Acta</i> , 2010 , 55, 3904-3908	233
578	Nano-composite of polypyrrole/modified mesoporous carbon for electrochemical capacitor application. <i>Electrochimica Acta</i> , 2010 , 55, 8067-8073	53
577	Carbon/Carbon Nanotubes (CNTs) Composites from Green Pellets Contain CNTs and Self-adhesive Carbon Grains from Fibres of Oil Palm Empty Fruit Bunch. 2010 ,	6
576	Electrochemical Deposition of Polypyrrole/Sulfonated Graphene Composite Films. 2010 , 114, 22783-22789	213
575	Enzyme-Doped Graphene Nanosheets for Enhanced Glucose Biosensing. 2010 , 114, 12920-12924	246
574	Preparation and enhanced stability of flexible supercapacitor prepared from Nafion/polyaniline nanofiber. 2010 , 160, 94-98	81
573	Enhanced electrical conductivity of polyaniline film by a low magnetic field. 2010, 160, 728-731	15
572	Fuzzy nanofibrous network of polyaniline electrode for supercapacitor application. 2010 , 160, 519-522	77
571	RuOx/polypyrrole nanocomposite electrode for electrochemical capacitors. 2010 , 160, 1055-1059	70
570	Preparation and electrochemical performances of graphite oxide/polypyrrole composites. 2010 , 160, 2336-2340	40
569	Hybrid Supercapacitor Based on Coaxially Coated Manganese Oxide on Vertically Aligned Carbon Nanofiber Arrays. 2010 , 22, 5022-5030	231
568	Mechanism of Reductive C60 Electropolymerization in the Presence of Dioxygen and Application of the Resulting Fullerene Polymer for Preparation of a Conducting Composite with Single-Wall Carbon Nanotubes. 2010 , 114, 8150-8160	11
567	Electrochemical Capacitance of Nanocomposite Polypyrrole/Cellulose Films. 2010, 114, 17926-17933	101
566	Improving electrochemical performance of polyaniline by introducing carbon aerogel as filler. 2010 , 12, 3270-5	60
565	High-Performance Li-ion Batteries and Supercapacitors Based on Prospective 1-D Nanomaterials. 2011 , 3, 62-71	45
564	Preparation of hybrid film of polyaniline and organically pillared zirconium phosphate nanosheet by electrodeposition. 2011 , 27, 126-31	18
563	Structural and electronic properties of poly[N-(2-cyanoalkyl)pyrrole]s bearing small alkyl groups. 2011 , 115, 2882-9	7
562	Electrochemical Energy Storage Devices Using Electrodes Incorporating Carbon Nanocoils and Metal Oxides Nanoparticles. 2011 , 115, 14392-14399	86

(2011-2011)

561	Fabrication of Co3O4-reduced graphene oxide scrolls for high-performance supercapacitor electrodes. 2011 , 13, 14462-5	192
560	Benzoyl Peroxide Oxidation Route to Nano Form Polyaniline Salt Containing Dual Dopants for Pseudocapacitor. <i>Journal of the Electrochemical Society</i> , 2011 , 159, A6-A13	53
559	High-power supercapacitor electrodes from single-walled carbon nanohorn/nanotube composite. 2011 , 5, 811-9	231
558	Conducting polymer film-based immunosensors using carbon nanotube/antibodies doped polypyrrole. 2011 , 257, 9817-9824	31
557	Polyaniline-Coated Electro-Etched Carbon Fiber Cloth Electrodes for Supercapacitors. 2011 , 115, 23584-2359	0196
556	Microwave assisted chemical bath deposited polyaniline films for supercapacitor application. 2011 , 509, 5064-5069	39
555	New application and electrochemical characterization of a nickel-doped mesoporous carbon for supercapacitors. 2011 , 509, 9858-9864	16
554	A flexible capacitor based on conducting polymer electrodes. 2011 , 161, 1130-1132	53
553	Electrochemical characterization of in situ polypyrrole coated graphene nanocomposites. 2011 , 161, 1713-1719	100
552	The effect of carbon particle morphology on the electrochemical properties of nanocarbon/polyaniline composites in supercapacitors. 2011 , 26, 180-186	31
551	Comparison of GO, GO/MWCNTs composite and MWCNTs as potential electrode materials for supercapacitors. 2011 , 4, 1855	348
550	Graphene and carbon nanotube composite electrodes for supercapacitors with ultra-high energy density. 2011 , 13, 17615-24	525
549	High performance supercapacitors using metal oxide anchored graphene nanosheet electrodes. 2011 , 21, 16197	253
548	Chemical synthesis of highly stable PVA/PANI films for supercapacitor application. 2011 , 128, 449-455	102
547	Enhancement of the energy storage properties of supercapacitors using graphene nanosheets dispersed with metal oxide-loaded carbon nanotubes. 2011 , 196, 8858-8865	112
546	Characterisation of doped polypyrrole/manganese oxide nanocomposite for supercapacitor electrodes. 2011 , 131, 529-534	61
545	Cycling stability and self-protective properties of a paper-based polypyrrole energy storage device. 2011 , 13, 869-871	64
544	Micro-supercapacitors based on three dimensional interdigital polypyrrole/C-MEMS electrodes. Electrochimica Acta, 2011 , 56, 9508-9514	149

543	Ultrahigh-energy and stable supercapacitors based on intertwined porous MoO3MWCNT nanocomposites. <i>Electrochimica Acta</i> , 2011 , 58, 76-80	67
542	Acid blue AS doped polypyrrole (PPy/AS) nanomaterials with different morphologies as electrode materials for supercapacitors. 2011 , 172, 1137-1144	36
541	Regularities of electrochemical behavior of polyaniline doped by electroactive anions. 2011 , 47, 1307-1316	7
540	Carbon nanotubes and their composites in electrochemical applications. 2011 , 4, 1592	476
539	Emerging Applications of Carbon Nanotubes 2011 , 23, 646-657	584
538	Exfoliated graphite nanosheets/carbon nanotubes hybrid materials for superior performance supercapacitors. 2011 , 15, 1179-1184	35
537	Conducting-polymer-based supercapacitor devices and electrodes. 2011 , 196, 1-12	2699
536	Effect of nitrogen-containing groups on enhanced capacitive behaviors of multi-walled carbon nanotubes. 2011 , 184, 2184-2189	23
535	Toward flexible polymer and paper-based energy storage devices. 2011 , 23, 3751-69	790
534	Material advancements in supercapacitors: From activated carbon to carbon nanotube and graphene. 2011 , 89, 1342-1357	129
533	Carbon nanotubes as nanotexturing agents for high power supercapacitors based on seaweed carbons. 2011 , 4, 943-9	68
532	Electrical response of polypyrrole films doped with dodecylbenzene sulfonic acid to acetone vapor. 2011 , 121, 2518-2525	1
531	Thin films of carbon nanotubes and chemically reduced graphenes for electrochemical micro-capacitors. 2011 , 49, 457-467	237
530	High performance supercapacitors based on reduced graphene oxide in aqueous and ionic liquid electrolytes. 2011 , 49, 573-580	555
529	Graphene and nanostructured MnO2 composite electrodes for supercapacitors. 2011 , 49, 2917-2925	616
528	Influence of multi-walled carbon nanotubes on the electrochemical performance of graphene nanocomposites for supercapacitor electrodes. <i>Electrochimica Acta</i> , 2011 , 56, 1629-1635	90
527	Single-walled carbon nanotubes and their composites with polyaniline. Structure, catalytic and capacitive properties as applied to fuel cells and supercapacitors. <i>Electrochimica Acta</i> , 2011 , 56, 3656-3667	47
526	Electrodeposition and pseudocapacitive properties of tungsten oxide/polyaniline composite. 2011 , 196, 4842-4848	104

525	Capacitance studies of cobalt compound nanowires prepared via electrodeposition. 2011 , 196, 5215-5222	23
524	One-dimensional conducting polymer nanocomposites: Synthesis, properties and applications. 2011 , 36, 671-712	490
523	Synthesis of Polymer Nanocomposites Under Microwave Irradiation. 2011 , 15, 178-188	20
522	In situ polymerization synthesis and characterization of single wall nanotubes/ poly(vinyl)triazole nanocomposites. 2011 , 45, 1523-1531	5
521	Recent Progress in Synthesis, Vibrational Characterization and Applications Trend of Conjugated Polymers/Carbon Nanotubes Composites. 2011 , 15, 1160-1196	15
520	Synthesis of Polypyrrole-Intercalated Grafted Zirconium Phosphate Films by Anodic Electrodeposition and Their Electrochemical Capacities. <i>Polymers</i> , 2011 , 3, 1-9	4
519	Electrochemical Detection of Iron in a Lixiviant Solution of Polluted Soil Using a Modified Glassy Carbon Electrode. 2012 , 2012, 1-6	7
518	Perspectives on supercapacitors, pseudocapacitors and batteries. 2012 , 1, 136-158	35
517	Review on Conducting Polymers and Their Applications. 2012 , 51, 1487-1500	374
516	Unusual energy enhancement in carbon-based electrochemical capacitors. 2012 , 22, 24213	105
515	Electrochemical Study of Functionalized Carbon Nano-Onions for High-Performance Supercapacitor Electrodes. 2012 , 116, 15068-15075	79
514	Bacterial Cellulose Nanofiber-Supported Polyaniline Nanocomposites with Flake-Shaped Morphology as Supercapacitor Electrodes. 2012 , 116, 13013-13019	178
513	Review of Electrochemical Capacitors Based on Carbon Nanotubes and Graphene. 2012 , 01, 1-13	88
512	Enhanced electrochemical performance of polyaniline/sulfonated polyhedral oligosilsesquioxane nanocomposites with porous and ordered hierarchical nanostructure. 2012 , 22, 1884-1892	54
511	Pseudo Capacitive Studies of Polyaniline-Carbon Nanotube Composites as Electrode Material for Supercapacitor. 2012 , 45, 2075-2085	14
510	ZnO/CNT nanocomposite electrode for aqueous electrochemical supercapacitor. 2012 , 16, 96-100	15
509	Electropolymerization of polypyrrole films on stainless steel substrates for electrodes of electrochemical supercapacitors. 2012 , 162, 868-872	33
508	Poly(p-phenylenediamine)/graphene nanocomposites for supercapacitor applications. 2012 , 22, 18775-18783	110

507	A review of electrode materials for electrochemical supercapacitors. 2012 , 41, 797-828		6816
506	Synthesis and electrochemical performance of sandwich-like polyaniline/graphene composite nanosheets. 2012 , 48, 1406-1412		70
505	High performance hybrid supercapacitor based on two nanostructured conducting polymers: Self-doped polyaniline and polypyrrole nanofibers. <i>Electrochimica Acta</i> , 2012 , 78, 212-222	. ₇	146
504	Factors affecting the performance of supercapacitors assembled with polypyrrole/multi-walled carbon nanotube composite electrodes. <i>Electrochimica Acta</i> , 2012 , 78, 649-655	5-7	63
503	Functionalized Carbon Nanotubes and Their Enhanced Polymers. 2012, 439-478		4
502	Electrochemical Supercapacitors. 2012 , 317-382		10
501	Morphology control and high electrochemical performance of flower-like N-enriched porous carbons for supercapacitor. 2012 , 687, 18-24		7
500	Fabrication of carbon nanotubes from conducting polymer precursor as field emitter. 2012 , 18, 1921-192	4	13
499	Microwave-Assisted Polymerization. 2012 , 981-1027		5
498	Composite electronic materials based on poly(3,4-propylenedioxythiophene) and highly charged poly(aryleneethynylene)-wrapped carbon nanotubes for supercapacitors. <i>ACS Applied Materials & Amp; Interfaces</i> , 2012 , 4, 102-9	0.5	44
497	Transition Metal Salt Doping on Polypyrrole/MWCNT Composites for Supercapacitor Applications. 2012 , 315, 98-105		4
496	Atomic layer deposition of vanadium oxide on carbon nanotubes for high-power supercapacitor electrodes. 2012 , 5, 6872		400
495	Preparation of supercapacitor electrodes through selection of graphene surface functionalities. 2012 , 6, 5941-51		279
494	The synthesis of covalent bonded single-walled carbon nanotube/polyvinylimidazole composites by in situ polymerization and their physical characterization. 2012 , 33, 1255-1262		6
493	High energy density supercapacitors using macroporous kitchen sponges. 2012 , 22, 14394		75
492	Free-standing 3D polyaniline-CNT/Ni-fiber hybrid electrodes for high-performance supercapacitors. 2012 , 4, 2867-9		44
491	Nanostructured Ternary Electrodes for Energy-Storage Applications. 2012 , 2, 381-389		154
490	Exploring aligned-carbon-nanotubes@polyaniline arrays on household Al as supercapacitors. 2012 , 5, 888-95		33

489	On the configuration of supercapacitors for maximizing electrochemical performance. 2012 , 5, 818-41		359
488	Conducting polymer/carbon nanocoil composite electrodes for efficient supercapacitors. 2012 , 22, 517	7	81
487	Piezoresistive effect in spin-coated polyaniline thin films. 2012 , 19, 1		19
486	A simple and controllable nanostructure comprising non-conductive poly(vinylidene fluoride) and graphene nanosheets for supercapacitor. 2012 , 6, 149-159		4
485	Synthesis and high electrochemical performance of polyaniline/MnO2-coated multi-walled carbon nanotube-based hybrid electrodes. 2012 , 16, 2751-2758		34
484	Increased response/recovery lifetimes and reinforcement of polyaniline nanofiber films using carbon nanotubes. 2012 , 50, 1447-1454		26
483	Electrochemically synthesized graphene/polypyrrole composites and their use in supercapacitor. 2012 , 50, 2331-2336		275
482	One-step electrochemical composite polymerization of polypyrrole integrated with functionalized graphene/carbon nanotubes nanostructured composite film for electrochemical capacitors. <i>Electrochimica Acta</i> , 2012 , 62, 132-139	6.7	33
481	Preparation and electrochemical capacitance of hierarchical graphene/polypyrrole/carbon nanotube ternary composites. <i>Electrochimica Acta</i> , 2012 , 69, 160-166	6.7	83
480	Supercapacitor electrode based on three-dimensional graphenepolyaniline hybrid. 2012 , 134, 576-580		116
480	Supercapacitor electrode based on three-dimensional graphene polyaniline hybrid. 2012, 134, 576-580 Capacitive behaviour of polypyrrole films prepared on stainless steel substrates by electropolymerization. 2012, 76, 15-17		116
	Capacitive behaviour of polypyrrole films prepared on stainless steel substrates by		
479	Capacitive behaviour of polypyrrole films prepared on stainless steel substrates by electropolymerization. 2012 , 76, 15-17 Electrochemical actuator based on polypyrrole/sulfonated graphene/graphene tri-layer film. 2012 ,		24
479 478	Capacitive behaviour of polypyrrole films prepared on stainless steel substrates by electropolymerization. 2012 , 76, 15-17 Electrochemical actuator based on polypyrrole/sulfonated graphene/graphene tri-layer film. 2012 , 520, 6307-6312	2.4	24
479 478 477	Capacitive behaviour of polypyrrole films prepared on stainless steel substrates by electropolymerization. 2012, 76, 15-17 Electrochemical actuator based on polypyrrole/sulfonated graphene/graphene tri-layer film. 2012, 520, 6307-6312 Synthesis and Polymerization of Fused-Ring Thienodipyrrole Monomers. 2012, 213, 425-430 Development of supercapacitor active composites by electrochemical deposition of polypyrrole on	2.4	24 21 11
479 478 477 476	Capacitive behaviour of polypyrrole films prepared on stainless steel substrates by electropolymerization. 2012, 76, 15-17 Electrochemical actuator based on polypyrrole/sulfonated graphene/graphene tri-layer film. 2012, 520, 6307-6312 Synthesis and Polymerization of Fused-Ring Thienodipyrrole Monomers. 2012, 213, 425-430 Development of supercapacitor active composites by electrochemical deposition of polypyrrole on carbon nanofibres. <i>Polymer Bulletin</i> , 2012, 68, 1395-1404 Facile synthesis of reduced graphene oxide/MWNTs nanocomposite supercapacitor materials	2.4	24 21 11
479 478 477 476 475	Capacitive behaviour of polypyrrole films prepared on stainless steel substrates by electropolymerization. 2012, 76, 15-17 Electrochemical actuator based on polypyrrole/sulfonated graphene/graphene tri-layer film. 2012, 520, 6307-6312 Synthesis and Polymerization of Fused-Ring Thienodipyrrole Monomers. 2012, 213, 425-430 Development of supercapacitor active composites by electrochemical deposition of polypyrrole on carbon nanofibres. <i>Polymer Bulletin</i> , 2012, 68, 1395-1404 Facile synthesis of reduced graphene oxide/MWNTs nanocomposite supercapacitor materials tested as electrophoretically deposited films on glassy carbon electrodes. 2013, 43, 865-877 A Versatile Material for a Symmetrical Electric Energy Storage Device: A Composite of the Polymer of the Ferrocene Adduct of C60 and Single-Wall Carbon Nanotubes Exhibiting Redox Conductivity	2.4	24 21 11 9

471	Multifunctional CNT-polymer composites for ultra-tough structural supercapacitors and desalination devices. 2013 , 25, 6625-32	130
47°	Fabrication and performance evaluation of button cell supercapacitors based on MnO2 nanowire/carbon nanobead electrodes. 2013 , 3, 17492	32
469	Controlling the formation of rodlike V2O5 nanocrystals on reduced graphene oxide for high-performance supercapacitors. <i>ACS Applied Materials & amp; Interfaces</i> , 2013 , 5, 11462-70	154
468	The structure characteristic and electrochemical performance of graphene/polyaniline composites. 2013 , 170, 57-62	20
467	New polyaniline/polypyrrole/polythiophene and functionalized multiwalled carbon nanotube-based nanocomposites: Layer-by-layer in situ polymerization. 2013 , 25, 70-78	37
466	Fully-flexible supercapacitors using spray-deposited carbon-nanotube films as electrodes. 2013 , 63, 2190-21	93 5
465	Polyaniline nanowire arrays aligned on nitrogen-doped carbon fabric for high-performance flexible supercapacitors. 2013 , 29, 12051-8	99
464	Tubular graphitic-C3N4: a prospective material for energy storage and green photocatalysis. 2013 , 1, 13949	211
463	Flexible and high surface area composites of carbon fiber, polypyrrole, and poly(DMcT) for supercapacitor electrodes. <i>Electrochimica Acta</i> , 2013 , 93, 93-100	52
462	Relationship between capacitance of activated carbon composite electrodes measured at a low electrolyte concentration and their desalination performance in capacitive deionization. 2013 , 704, 169-174	63
461	New energy storage option: toward ZnCo2O4 nanorods/nickel foam architectures for high-performance supercapacitors. <i>ACS Applied Materials & amp; Interfaces</i> , 2013 , 5, 10011-7	310
460	Polyaniline/carbon nanotube nanocomposite electrodes with biomimetic hierarchical structure for supercapacitors. 2013 , 1, 14719	64
459	A seeded synthetic strategy for uniform polymer and carbon nanospheres with tunable sizes for high performance electrochemical energy storage. 2013 , 49, 3043-5	55
458	Metallocene/carbon hybrids prepared by a solution process for supercapacitor applications. 2013 , 1, 13120	30
457	Intrinsic electrochemical activity of single walled carbon nanotube-Nafion assemblies. 2013, 15, 5030-8	13
456	Tuning the porous texture and specific surface area of nanoporous carbons for supercapacitor electrodes by adjusting the hydrothermal synthesis temperature. 2013 , 1, 12962	33
455	Graphene-beaded carbon nanofibers for use in supercapacitor electrodes: Synthesis and electrochemical characterization. 2013 , 222, 410-416	145
454	Effect of pH-induced chemical modification of hydrothermally reduced graphene oxide on supercapacitor performance. 2013 , 233, 313-319	159

(2013-2013)

453	In situ growth of ordered polyaniline nanowires on surfactant stabilized exfoliated graphene as high-performance supercapacitor electrodes. 2013 , 185-186, 89-95		34
452	Supercapacitance of chemically converted graphene with composite pores. 2013 , 581, 64-69		14
451	Structure and properties of solid-state synthesized poly(3,4-propylenedioxythiophene)/nano-ZnO composite. 2013 , 23, 524-531		20
450	Growing highly capacitive nano-Ni(OH)2 on freshly cut graphite electrode by electrochemically enhanced self-assembly. <i>Electrochimica Acta</i> , 2013 , 99, 198-203	6.7	13
449	Chapter 1:Conducting Polymer-based Carbon Nanotube Composites: Preparation and Applications. 2013 , 1-21		2
448	Controlled electrochemical charge injection to maximize the energy density of supercapacitors. 2013 , 52, 3722-5		142
447	Electrode Materials with Pseudocapacitive Properties. 2013, 207-237		18
446	Three-dimensional graphene/polyaniline composite material for high-performance supercapacitor applications. 2013 , 178, 293-298		90
445	Comparison of the electrochemical properties of thin films of MWCNTs/C60-Pd, SWCNTs/C60-Pd and ox-CNOs/C60-Pd. <i>Electrochimica Acta</i> , 2013 , 96, 274-284	6.7	30
444	Asymmetric supercapacitor containing poly(3-methyl thiophene)-multiwalled carbon nanotubes nanocomposites and activated carbon. <i>Electrochimica Acta</i> , 2013 , 94, 182-191	6.7	48
443	High performance supercapacitor prepared from hollow mesoporous carbon capsules with hierarchical nanoarchitecture. 2013 , 244, 799-805		114
442	Supercapacitors from Free-Standing Polypyrrole/Graphene Nanocomposites. 2013, 117, 10270-10276		137
441	Fabrication of graphene oxide/polypyrrole nanowire composite for high performance supercapacitor electrodes. 2013 , 241, 388-395		99
440	Vapor phase polymerization deposition of conducting polymer/graphene nanocomposites as high performance electrode materials. <i>ACS Applied Materials & Description of State of </i>	9.5	34
439	Recent advances in conjugated polymer energy storage. 2013 , 51, 468-480		139
438	Electrochemical supercapacitor electrode material based on polyacrylic acid/polypyrrole/silver composite. <i>Electrochimica Acta</i> , 2013 , 105, 569-577	6.7	66
437	A novel multilayered architecture of graphene oxide nanosheets for high supercapacitive performance electrode material. 2013 , 175, 62-67		11
436	Mesoporous nitrogen-rich carbons derived from protein for ultra-high capacity battery anodes and supercapacitors. 2013 , 6, 871		872

435	High total-electrode and mass-specific capacitance cellulose nanocrystal-polypyrrole nanocomposites for supercapacitors. 2013 , 3, 9158		44
434	Conducting polymers-based electrochemical supercapacitors Progress and prospects. <i>Electrochimica Acta</i> , 2013 , 101, 109-129	6.7	311
433	Carbon-Based Nanomaterials for Electrochemical Energy Storage. 2013 , 299-326		
432	Progress in the electrochemical modification of graphene-based materials and their applications. <i>Electrochimica Acta</i> , 2013 , 107, 425-440	6.7	96
431	EFFECT OF RUTHENIUM (III) INCORPORATION IN POLYANILINE BACKBONE: MATERIALS FOR SUPERCAPACITIVE ENERGY STORAGE APPLICATION. 2013 , 08, 1350026		4
430	Polyaniline modified graphene and carbon nanotube composite electrode for asymmetric supercapacitors of high energy density. 2013 , 241, 423-428		152
429	Novel conducting polySchiff base of N-(3-aminopropyl) pyrrole-salicylaldehyde and its copolymers with pyrrole: synthesis and characterization. 2013 , 16, 263-273		3
428	Polyaniline nanowire electrodes with high capacitance synthesized by a simple approach. 2013 , 33, 209	-12	17
427	Vapor Phase Polymerization Deposition Conducting Polymer Nanocomposites on Porous Dielectric Surface as High Performance Electrode Materials. 2013 , 5, 40-46		18
426	Multiwalled Carbon Nanotubes with Tuned Surface Functionalities for Electrochemical Energy Storage. 2013 , 2, M3008-M3014		17
425	Benign enzymatic synthesis of multiwalled carbon nanotube composites uniformly coated with polypyrrole for supercapacitors. 2013 , 88, 788-793		9
424	Supercapacitance of Single-Walled Carbon Nanotubes-Polypyrrole Composites. 2013 , 2013, 1-7		11
423	Nanostructured Materials for Energy-Related Applications. 2013, 1013-1038		
422	Electropolymerized Polyaniline Nanocomposites from Multi-Walled Carbon Nanotubes with Tuned Surface Functionalities for Electrochemical Energy Storage. <i>Journal of the Electrochemical Society</i> , 2013 , 160, G3038-G3045	3.9	56
421	Controlled Electrochemical Charge Injection to Maximize the Energy Density of Supercapacitors. 2013 , 125, 3810-3813		23
420	Nanofibers of Conducting Polymer Nanocomposites. 2013 , 303-355		
419	Morphology and cyclic voltammetry analysis of in situ polymerized polyaniline/graphene composites. 2013 ,		2
418	Facile synthesis and strongly microstructure-dependent electrochemical properties of graphene/manganese dioxide composites for supercapacitors. <i>Nanoscale Research Letters</i> , 2014 , 9, 490	5	39

417	Graphitic Petal Electrodes for All-Solid-State Flexible Supercapacitors. 2014 , 4, 1300515		133
416	More conductive polypyrrole electrodeposited on substrates with close-packed gold nanoparticles. 2014 , 722-723, 83-89		3
4 ¹ 5	Enzymatic synthesis of polyaniline/multi-walled carbon nanotube composite with core shell structure and its electrochemical characterization for supercapacitor application. <i>Electrochimica Acta</i> , 2014 , 123, 151-157	7	76
414	Carbons and electrolytes for advanced supercapacitors. 2014 , 26, 2219-51, 2283		1808
413	Electrochemical synthesis and corrosion behaviour of polypyrrole and polypyrrole/carbon nanotube nanocomposite films. 2014 , 48, 2215-2225		11
412	Chitosan-ZnO/polyaniline ternary nanocomposite for high-performance supercapacitor. 2014 , 20, 551-561		63
411	Integration of supercapacitors with enzymatic biobatteries toward more effective pulse-powered use in small-scale energy harvesting devices. 2014 , 44, 497-507		25
410	Theoretical guidelines to designing high performance energy storage device based on hybridization of lithium-ion battery and supercapacitor. 2014 , 259, 1-14		53
409	Graphene-based nanowire supercapacitors. 2014 , 30, 3567-71		62
408	Polyaniline based electrodes for electrochemical supercapacitor: Synergistic effect of silver, activated carbon and polyaniline. 2014 , 724, 21-28		39
407	Recent advances in bacterial cellulose. 2014 , 21, 1-30		342
406	An easy one-step electrosynthesis of graphene/polyaniline composites and electrochemical capacitor. 2014 , 67, 662-672		68
405	Solvothermal synthesis of NiAl double hydroxide microspheres on a nickel foam-graphene as an electrode material for pseudo-capacitors. 2014 , 4, 097122		12
404	CHAPTER 5:Nanotubes for Energy Storage. 2014 , 121-198		
403	Enhanced capacitance of one-dimensional polypyrrole/graphene oxide nanoribbon nanocomposite as electrode material for high performance supercapacitors. 2014 , 198, 188-195		12
402	Vertically aligned cobalt hydroxide nano-flake coated electro-etched carbon fiber cloth electrodes for supercapacitors. 2014 , 616-617, 35-39		5
401	Transparent and flexible supercapacitors with single walled carbon nanotube thin film electrodes. ACS Applied Materials & amp; Interfaces, 2014, 6, 15434-9	5	105
400	Flexible solid-state supercapacitors based on a conducting polymer hydrogel with enhanced electrochemical performance. 2014 , 2, 19726-19732		108

399	Ammonia Treatment of Activated Carbon Powders for Supercapacitor Electrode Application. <i>Journal of the Electrochemical Society</i> , 2014 , 161, A568-A575	39
398	Effects of nitrogen doping on supercapacitor performance of a mesoporous carbon electrode produced by a hydrothermal soft-templating process. 2014 , 2, 11753	97
397	Functionalization of graphene with nitrogen using ethylenediaminetetraacetic acid and their electrochemical energy storage properties. 2014 , 4, 24248	18
396	Enhanced charge storage of ultrathin polythiophene films within porous nanostructures. 2014 , 8, 5413-22	72
395	A new type of ordered mesoporous carbon/polyaniline composites prepared by a two-step nanocasting method for high performance supercapacitor applications. 2014 , 2, 16715-16722	34
394	Petal-shaped poly(3,4-ethylenedioxythiophene)/sodium dodecyl sulfate-graphene oxide intercalation composites for high-performance electrochemical energy storage. 2014 , 272, 203-210	41
393	Anodic hybridization of fluorinated layered perovskite nanosheet with polyaniline for electrochemical capacitor. 2014 , 459, 186-193	11
392	High-performance supercapacitor electrode based on a polyaniline nanofibers/3D graphene framework as an efficient charge transporter. 2014 , 2, 4989-4998	189
391	Rapid in situ detection of ultratrace 2,4-dinitrotoluene solids by a sandwiched paper-like electrochemical sensor. 2014 , 86, 8383-90	16
390	Co(OH) nanosheet-decorated graphene-CNT composite for supercapacitors of high energy density. 2014 , 15, 014206	41
389	A stable polyaniline-benzoquinone-hydroquinone supercapacitor. 2014 , 26, 5095-100	176
388	Simultaneous electropolymerization and electro-click functionalization for highly versatile surface platforms. 2014 , 8, 5240-8	33
387	Carbon Nanotubes for Energy Storage Application. 2014 , 249-280	
386	Electrochemically Nanostructured Polyvinylferrocene/Polypyrrole Hybrids with Synergy for Energy Storage. 2015 , 25, 4803-4813	54
385	Fabrication of PANI/C-TiO2Composite Nanotube Arrays Electrode for Supercapacitor. 2015, 2015, 1-7	5
384	. 2015,	3
383	Three-dimensional graphene oxide/polypyrrole composite electrodes fabricated by one-step electrodeposition for high performance supercapacitors. 2015 , 3, 14445-14457	168
382	Lignosulphonate-cellulose derived porous activated carbon for supercapacitor electrode. 2015 , 3, 15049-150	05672

(2015-2015)

381	Electrocatalytic Reduction of Carbon Dioxide using Sol-gel Processed Copper Indium Sulfide (CIS) Immobilized on ITO-Coated Glass Electrode. 2015 , 6, 405-413	13
380	Electrochemical characteristics of graphene nanoribbon/polypyrrole composite prepared via oxidation polymerization in the presence of poly-(sodium 4-styrenesulfonate). 2015 , 161, 265-270	5
379	Nanotechnology Advancements on Carbon Nanotube/Polypyrrole Composite Electrodes for Supercapacitors. 2015 , 479-510	24
378	High Performance Supercapacitor Electrode Materials Based on Activated Carbon and Conducting Polypyrrole. 2015 , 645-646, 1150-1155	1
377	Self-templating Scheme for the Synthesis of Nanostructured Transition-Metal Chalcogenide Electrodes for Capacitive Energy Storage. 2015 , 27, 4661-4668	103
376	Nitrogen-doped mesoporous carbon of extraordinary capacitance for electrochemical energy storage. 2015 , 350, 1508-13	1530
375	High performance supercapacitor based on graphene-silver nanoparticles-polypyrrole nanocomposite coated on glassy carbon electrode. 2015 , 276, 262-270	148
374	A novel configuration of electrical double layer capacitor with plastic crystal based gel polymer electrolyte and graphene nano-platelets as electrodes: A high rate performance. 2015 , 80, 465-473	73
373	Studying the supercapacitive behavior of a polyaniline/nano-structural manganese dioxide composite using fast Fourier transform continuous cyclic voltammetry. 2015 , 5, 20446-20452	45
372	Developments in conducting polymer based counter electrodes for dye-sensitized solar cells An overview. 2015 , 66, 207-227	206
371	Asymmetric supercapacitors based on carbon nanofibre and polypyrrole/nanocellulose composite electrodes. 2015 , 5, 16405-16413	45
370	Enhanced molecular level dispersion and interface bonding at low loading of modified graphene oxide to fabricate super nylon 12 composites. <i>ACS Applied Materials & District Sciences</i> , 2015 , 7, 3142-51 9.5	69
369	Highly Stable Supercapacitors with Conducting Polymer Core-Shell Electrodes for Energy Storage Applications. 2015 , 5, 1401805	113
368	Novel felt pseudocapacitor based on carbon nanotube/metal oxides. 2015 , 50, 6578-6585	7
367	Tailoring Co(OH)2 hollow nanostructures via Cu2O template etching for high performance supercapacitors. 2015 , 457, 212-7	15
366	Microwave-Assisted Oxidation of Electrospun Turbostratic Carbon Nanofibers for Tailoring Energy Storage Capabilities. 2015 , 27, 4574-4585	14
365	Investigation of physical and biological properties of polypyrrole nanotubes-chitosan nanocomposites. 2015 , 132, 481-9	21
364	Capacitive behaviour of functionalized carbon nanotube/ZnO composites coated on a glassy carbon electrode. 2015 , 3, 15650-15660	35

363	Facile route for multi-walled carbon nanotube coating with polyaniline: tubular morphology nanocomposites for supercapacitor applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 7438-7444	2.1	19
362	Co3O4/nitrogen-doped graphene/carbon nanotubes: An innovative ternary composite with enhanced electrochemical performance. 2015 , 647, 873-879		37
361	Carbon nanofibers by pyrolysis of self-assembled perylene diimide derivative gels as supercapacitor electrode materials. 2015 , 3, 15513-15522		20
360	The electrochemical impedance spectroscopy behavior of poly(aniline) nanocomposite electrodes modified by Layer-by-Layer deposition. <i>Electrochimica Acta</i> , 2015 , 174, 864-870	6.7	33
359	One-Pot Hydrothermal Synthesis of Reduced Graphene OxideMultiwalled Carbon Nanotubes Composite Material on Nickel Foam for Efficient Supercapacitor Electrode. 2015 , 6, 373-381		6
358	Graphene-based nitrogen self-doped hierarchical porous carbon aerogels derived from chitosan for high performance supercapacitors. 2015 , 15, 9-23		420
357	Nitrogen-containing mesoporous carbons with high capacitive properties derived from a gelatin biomolecule. 2015 , 91, 200-214		33
356	Charge storage and capacitance-type properties of multi-walled carbon nanotubes modified with ruthenium analogue of Prussian Blue. 2015 , 19, 2753-2762		6
355	Supercapatteries with Hybrids of Redox Active Polymers and Nanostructured Carbons. 2015 , 179-210		5
354	New asymmetric and symmetric supercapacitor cells based on nickel phosphide nanoparticles. 2015 , 165, 207-214		28
353	Preparation of Supercapacitors on Flexible Substrates with Electrodeposited PEDOT/Graphene Composites. <i>ACS Applied Materials & ACS Applied & </i>	9.5	117
352	Incorporation of polyaniline nanofibres on graphene oxide by interfacial polymerization pathway for supercapacitor. 2015 , 5, 231-240		28
351	Pure Nanoscale Morphology Effect Enhancing the Energy Storage Characteristics of Processable Hierarchical Polypyrrole. 2015 , 31, 11904-13		24
350	Nitrogen-enriched carbon sheets derived from egg white by using expanded perlite template and its high-performance supercapacitors. 2015 , 26, 345401		15
349	One-pot synthesis of CoNiO2 single-crystalline nanoparticles as high-performance electrode materials of asymmetric supercapacitors. 2015 , 17, 1		17
348	Structure, electrochemical properties and capacitance performance of polypyrrole electrodeposited onto 1-D crystals of iridium complex. 2015 , 300, 472-482		2
347	Electron Transfer and Charge Storage in Thin Films of Nanoparticles. 2015 , 1-62		2
346	Electrochemical characterization of a composite comprising PEDOT/PSS and N doped TiO2 performed in aqueous and non-aqueous electrolytes. 2015 , 209, 399-404		10

(2016-2015)

345	High rate capability supercapacitors assembled from wet-spun graphene films with a CaCO3 template. 2015 , 3, 1890-1895		26
344	Conducting polymer-based flexible supercapacitor. 2015 , 3, 2-26		377
343	Investigation of the capacitive performance of tobacco solution reduced graphene oxide. 2015 , 151, 72-80		10
342	Supercapacitors Performance Evaluation. 2015 , 5, 1401401		798
341	Polyaniline/MnO2 composite with high performance as supercapacitor electrode via pulse electrodeposition. 2015 , 36, 113-120		23
340	Non-aqueous gel polymer electrolyte with phosphoric acid ester and its application for quasi solid-state supercapacitors. 2015 , 274, 1147-1154		54
339	Highly stable multi-wall carbon nanotubes@poly(3,4-ethylenedioxythiophene)/poly(styrene sulfonate) coreEhell composites with three-dimensional porous nano-network for electrochemical capacitors. 2015 , 274, 229-236		50
338	Facile synthesis of sandwich-like polyaniline/boron-doped graphene nano hybrid for supercapacitors. 2015 , 81, 552-563		185
337	Coating of Conducting Polymers on Natural Cellulosic Fibers. 2016 ,		1
336	A highly flexible solid-state supercapacitor based on the carbon nanotube doped graphene oxide/polypyrrole composites with superior electrochemical performances. 2016 , 37, 197-206		69
335	Maximum anode chamber volume and minimum anode area for supporting electrogenesis in microbial fuel cells treating wastewater. 2016 , 8, 044302		8
334	Graphene-Based Electrochemical Microsupercapacitors for Miniaturized Energy Storage Applications. 2016 , 271-291		2
333	Graphene and its nanocomposites used as an active materials for supercapacitors. 2016 , 20, 1509-1526		14
332	Characterization of Ag/Ag2SO4 system as reference electrode for in-situ electrochemical studies of advanced aqueous supercapacitors. 2016 , 128, 1011-1017		6
331	Polypyrrole-modified graphene sheet nanocomposites as new efficient materials for supercapacitors. 2016 , 105, 510-520		40
330	Supercapacitive composite metal oxide electrodes formed with carbon, metal oxides and conducting polymers. 2016 , 682, 381-403		106
329	Fast and economical reduction of poly (sodium 4-styrene sulfonate) graphite oxide film by plasma. <i>Electrochimica Acta</i> , 2016 , 196, 769-774	7	7
328	Facile Synthesis of Co3O4/Nitrogen-Doped Graphene Composite with Enhanced Electrochemical Performance. 2016 , 847, 14-21		5

327	Carbon Doped MnCo2S4 Microcubes Grown on Ni foam as High Energy Density Faradaic Electrode. <i>Electrochimica Acta</i> , 2016 , 213, 672-679	6.7	62
326	Environmentally Friendly Supercapacitors. 2016 , 351-492		6
325	Fundamentals of Electrochemical Supercapacitors. 2016 , 16-45		
324	Bibliography. 2016 , 255-275		
323	Investigating graphene/conducting polymer hybrid layered composites as pseudocapacitors: Interplay of heterogeneous electron transfer, electric double layers and mechanical stability. 2016 , 105, 46-59		46
322	Understanding the redox effects of amine and hydroxyl groups of p-aminophenol upon the capacitive performance in KOH and H2SO4 electrolyte. 2016 , 778, 80-86		8
321	Emulsion polymerization method for polyaniline-multiwalled carbon nanotube nanocomposites as supercapacitor materials. 2016 , 20, 3447-3457		34
320	Hierarchically porous carbons with graphene incorporation for efficient supercapacitors. <i>Electrochimica Acta</i> , 2016 , 213, 382-392	6.7	33
319	A Free-standing Graphene-Polypyrrole Hybrid Paper via Electropolymerization with an Enhanced Areal Capacitance. <i>Electrochimica Acta</i> , 2016 , 212, 561-571	6.7	57
318	High-performance supercapacitor materials based on polypyrrole composites embedded with core-sheath polypyrrole@MnMoO4 nanorods. <i>Electrochimica Acta</i> , 2016 , 212, 775-783	6.7	61
317	2D Materials Beyond Graphene for High-Performance Energy Storage Applications. 2016 , 6, 1600671		301
316	Hybrid Glucose/O2 Biobattery and Supercapacitor Utilizing a Pseudocapacitive Dimethylferrocene Redox Polymer at the Bioanode. 2016 , 1, 380-385		47
315	Feasible study of polypyrrole film in single and double cationic ionic liquids as novel electrolytes for energy storage applications. 2016 , 222, 274-284		5
314	Enhancing Cycling Stability of Aqueous Polyaniline Electrochemical Capacitors. <i>ACS Applied Materials & Acs Applied Materials & Acs Applied</i>	9.5	24
313	Surfactant assisted polyaniline nanofibres R educed graphene oxide (SPG) composite as electrode material for supercapacitors with high rate performance. <i>Electrochimica Acta</i> , 2016 , 222, 570-579	6.7	27
312	Poly(3-hexylthiophene)-multi-walled carbon nanotube (1:1) hybrids: Structure and electrochemical properties. <i>Electrochimica Acta</i> , 2016 , 209, 111-120	6.7	11
311	Three dimensional iron oxide/graphene aerogel hybrids as all-solid-state flexible supercapacitor electrodes. 2016 , 6, 58994-59000		57
310	Modular Graphene-Based 3D Covalent Networks: Functional Architectures for Energy Applications. 2016 , 12, 1044-52		22

309	Laccase-catalyzed synthesis of polypyrrole-multiwalled carbon nanotube composites as energy storage materials for capacitors. 2016 , 133, n/a-n/a		2
308	Adjust the electrochemical performances of graphene oxide nanosheets-loaded poly(3,4-ethylenedioxythiophene) composites for supercapacitors with ultralong cycle life. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 2773-2782	2.1	12
307	Ultrafast triggered transient energy storage by atomic layer deposition into porous silicon for integrated transient electronics. 2016 , 8, 7384-90		30
306	Functionalized, hierarchical and ordered mesoporous carbons for high-performance supercapacitors. 2016 , 4, 6140-6148		26
305	A facile and scalable approach to fabricating free-standing polymer[arbon nanotube composite electrodes. 2016 , 215, 35-40		16
304	One-step fabrication of heterogeneous conducting polymers-coated graphene oxide/carbon nanotubes composite films for high-performance supercapacitors. <i>Electrochimica Acta</i> , 2016 , 192, 448-4	1557	76
303	One-pot synthesis of graphene/zinc oxide by microwave irradiation with enhanced supercapacitor performance. 2016 , 6, 19394-19403		45
302	Review on advances in porous nanostructured nickel oxides and their composite electrodes for high-performance supercapacitors. 2016 , 308, 121-140		177
301	A Facile Bulk Production of Processable Partially Reduced Graphene Oxide as Superior Supercapacitor Electrode Material. <i>Electrochimica Acta</i> , 2016 , 196, 386-404	6.7	23
300	Water-processable polypyrrole microparticle modules for direct fabrication of hierarchical structured electrochemical interfaces. <i>Electrochimica Acta</i> , 2016 , 190, 495-503	6.7	20
299	Synthesis of novel graphene oxide/pristine graphene/polyaniline ternary composites and application to supercapacitor. 2016 , 288, 689-700		70
298	Improvement of the adhesion between polyaniline and commercial carbon paper by acid treatment and its application in supercapacitor electrodes. 2016 , 23, 133-143		7
297	Components and Materials for Electrochemical Supercapacitors. 2017 , 135-201		
296	Introduction and Literature Background. Springer Theses, 2017, 1-37	0.1	1
295	Simple synthesis of highly uniform bilayer-carbon nanocages. 2017, 115, 617-624		13
294	Rapid one-pot electrodeposition of polyaniline/manganese dioxide hybrids: a facile approach to stable high-performance anodic electrochromic materials. 2017 , 5, 1758-1766		47
293	Graphene-based Composites for Electrochemical Energy Storage. Springer Theses, 2017,	0.1	9
292	Electrochemical performance of crumpled graphene loaded with magnetite and hematite nanoparticles for supercapacitors. 2017 , 115, 331-337		24

291	Amorphous molybdenum sulfide on graphenellarbon nanotube hybrids as supercapacitor electrode materials. 2017 , 7, 6856-6864	32
290	Electrochemical behavior of a Nafion-membrane-based solid-state supercapacitor with a graphene oxidefinultiwalled carbon nanotubefiolypyrrole nanocomposite. 2017 , 134,	16
289	Electrochemical synthesis of polyaniline in the micropores of activated carbon for high-performance electrochemical capacitors. 2017 , 53, 3201-3204	36
288	Carbon nanotube-based nanocomposites and their applications. 2017 , 31, 1977-1997	69
287	A novel high-performance supercapacitor based on high-quality CeO2/nitrogen-doped reduced graphene oxide nanocomposite. 2017 , 123, 1	18
286	Asymmetric Supercapacitor Electrodes and Devices. 2017 , 29, 1605336	600
285	VO encapsulated MWCNTs in 2D surface architecture: Complete solid-state bendable highly stabilized energy efficient supercapacitor device. 2017 , 7, 43430	111
284	Template-free single pot synthesis of SnS2@Cu2O/reduced graphene oxide (rGO) nanoflowers for high performance supercapacitors. 2017 , 41, 2702-2716	37
283	Unconventional mesopore carbon nanomesh prepared through explosion sisted activation approach: A robust electrode material for ultrafast organic electrolyte supercapacitors. 2017 , 119, 30-39	68
282	N-doped mesoporous carbon by a hard-template strategy associated with chemical activation and its enhanced supercapacitance performance. <i>Electrochimica Acta</i> , 2017 , 238, 269-277	59
281	Reply to Comment on "Flexible Asymmetric Supercapacitors Based on Nitrogen-Doped Graphene Hydrogels with Embedded Nickel Hydroxide Nanoplates". 2017 , 10, 2312-2315	
280	Electropolymerized polyazulene as active material in flexible supercapacitors. 2017, 356, 181-190	24
279	Fabrication of porous polyaniline modified MWNTs core-shell structure for high performance supercapacitors with high rate capability. 2017 , 127, 76-83	17
278	Carbon nano onion as versatile contender in polymer compositing and advance application. 2017 , 25, 109-123	23
277	Polypyrrole/carbon nanotube supercapacitors: Technological advances and challenges. 2017 , 352, 174-186	176
276	Polyaniline nanoflowers grown on vibration-isolator-mimetic polyurethane nanofibers for flexible supercapacitors with prolonged cycle life. 2017 , 5, 7933-7943	32
275	Electrochemical performance of polypyrrole nanorods/functionalized graphene composites for supercapacitors. 2017 , 21, 2201-2208	2
274	Ultrahigh stability of high-power nanofibrillar PEDOT supercapacitors. 2017 , 1, 482-491	13

273	Polysaccharides in Supercapacitors. 2017 , 15-53		1
272	The Impact of Surface Chemistry on Bio-derived Carbon Performance as Supercapacitor Electrodes. 2017 , 46, 1628-1636		7
271	Polypyrrole composites with carbon materials for supercapacitors. 2017 , 71, 293-316		30
270	High-Voltage Supercapacitors with Solutions Based on Adiponitrile Solvent. <i>Journal of the Electrochemical Society</i> , 2017 , 164, A231-A236	3.9	14
269	Synthesis and characterization of polypyrrole doped by cage silsesquioxane with carboxyl groups. 2017 , 34, 470-475		6
268	Electrochemical Capacitors. 2017 , 563-589		4
267	Facile synthesis of hierarchical nanocage MnCo 2 O 4 for high performance supercapacitor. <i>Electrochimica Acta</i> , 2017 , 225, 39-46	6.7	81
266	Design and synthesis of polyaniline-grafted reduced graphene oxide via azobenzene pendants for high-performance supercapacitors. 2017 , 110, 242-249		31
265	Synthesis and properties of poly(2,2'-dithiodianiline-co-aniline)-graphene oxide nanocomposite as electrode material for supercapacitors. <i>Electrochimica Acta</i> , 2017 , 257, 516-523	6.7	4
264	Nitrogen-doped biomass/polymer composite porous carbons for high performance supercapacitor. 2017 , 364, 374-382		43
263	Polypyrrole Films with Micro/Nanosphere Shapes for Electrodes of High-Performance Supercapacitors. <i>ACS Applied Materials & Acs Applied & Acs Applie</i>	9.5	18
262	The influence of surface area, porous structure, and surface state on the supercapacitor performance of titanium oxynitride: implications for a nanostructuring strategy. 2017 , 19, 21140-21151		38
261	Interface-Confined High Crystalline Growth of Semiconducting Polymers at Graphene Fibers for High-Performance Wearable Supercapacitors. 2017 , 11, 9424-9434		75
260	Free-standing flexible MWCNTs bucky paper: Extremely stable and energy efficient supercapacitive electrode. <i>Electrochimica Acta</i> , 2017 , 249, 395-403	6.7	46
259	Functional materials from polymer derivatives: Properties and characterization. 2017, 1-38		1
258	Ternary composite electrodes based on poly(3,4\(\text{A}\)thylenedioxythiophene)/carbon nanotubes\(\text{B}\)arboxyl graphene for improved electrochemical capacitive performances. 2017 , 234, 139-144	4	9
257	Hierarchical carbon nanotube hybrid films for high-performance all-solid-state supercapacitors. 2017 , 7, 52010-52016		7
256	Polyaniline-Containing composites based on highly porous carbon cloth for flexible supercapacitor electrodes. 2017 , 11, 940-947		4

255	Diffusion-induced bending of viscoelastic beams. 2017 , 131-132, 137-145		8
254	Low energy liquid plasma for direct reduction and formation of rGO-aminopyridine hybrid for electrical and environmental applications. 2017 , 340, 26-35		11
253	Capacitive Energy Storage. 2017 , 167-214		3
252	An effective approach to prepare three-dimensional porous manganese dioxide electrodes by surfactant assisted electrosynthesis for improved supercapacitive properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 13983-13989	2.1	3
251	Conducting Polymer Hybrids. 2017,		12
250	A symmetric supercapacitor/biofuel cell hybrid device based on enzyme-modified nanoporous gold: An autonomous pulse generator. 2017 , 90, 96-102		61
249	A Review of Supercapacitor Energy Storage Using Nanohybrid Conducting Polymers and Carbon Electrode Materials. 2017 , 165-192		19
248	Conducting Polymer Nanocomposite-Based Supercapacitors. 2017 , 269-304		2
247	High-Performance Supercapacitor Based on Polyaniline/Poly(vinylidene fluoride) Composite with KOH. 2017 , 5, 588-598		8
246	Periodically ordered inverse opal TiO2/polyaniline core/shell design for electrochemical energy storage applications. 2017 , 694, 111-118		20
245	Synthesis of nitrogen-doped reduced graphene oxide-multiwalled carbon nanotube composite on nickel foam as electrode for high-performance supercapacitor. 2017 , 43, 20-27		31
244	Nucleic Acid-Based Aptasensors for Cancer Diagnostics: An Insight into Immobilisation Strategies. 2017 , 205-231		
243	Synthesis of conducting polymer/carbon material composites and their application in electrical energy storage. 2017 , 173-209		18
242	Microwave-Assisted Polymerization. 2017 ,		
241	CNT Applications in Drug and Biomolecule Delivery. 2018 , 61-64		9
240	Synthesis and Chemical Modification of Graphene. 2018 , 107-119		
239	Graphene Applications in Sensors. 2018 , 125-132		
238	Graphene Applications in Batteries and Energy Devices. 2018 , 133-139		2

237	Medical and Pharmaceutical Applications of Graphene. 2018 , 149-150		1
236	Graphene Applications in Specialized Materials. 2018, 151-154		
235	Miscellaneous Applications of Graphene. 2018 , 155-155		
234	Basic Electrochromics of CPs. 2018 , 251-282		
233	Batteries and Energy Devices. 2018 , 575-600		
232	Brief, General Overview of Applications. 2018 , 43-44		
231	CNT Applications in Batteries and Energy Devices. 2018 , 49-52		1
230	Plasma synthesis of polyaniline enrobed carbon nanotubes for electrochemical applications. <i>Electrochimica Acta</i> , 2018 , 268, 218-225	6.7	18
229	Electrochemical study on an activated carbon cloth modified by cyclic voltammetry with polypyrrole/anthraquinone sulfonate and reduced graphene oxide as electrode for energy storage. 2018 , 103, 179-186		9
228	Electrochromic Behaviors of Water-Soluble Polyaniline with Covalently Bonded Acetyl Ferrocene. 2018 , 47, 3974-3982		10
227	A redox conducting polymer of a meso-Ni(II)-SaldMe monomer and its application for a multi-composite supercapacitor. <i>Electrochimica Acta</i> , 2018 , 268, 111-120	6.7	9
226	Synthesis and characterization of polypyrrole, polyaniline nanoparticles and their nanocomposite for removal of azo dyes; sunset yellow and Congo red. 2018 , 179, 235-245		110
225	Pyridinic-nitrogen highly doped nanotubular carbon arrays grown on a carbon cloth for high-performance and flexible supercapacitors. 2018 , 10, 3981-3989		22
224	Paper Based, Expanded Graphite/Polypyrrole Nanocomposite Supercapacitors Free from Binders and Current Collectors. <i>Journal of the Electrochemical Society</i> , 2018 , 165, A283-A290	3.9	16
223	Investigation of dielectric properties of free standing electrospun nonwoven mat. 2018, 135, 46121		22
222	4-Butylbenzenesulfonate modified polypyrrole paper for supercapacitor with exceptional cycling stability. 2018 , 12, 191-196		37
221	Promoted supercapacitive performances of electrochemically synthesized poly(3,4-ethylenedioxythiophene) incorporated with manganese dioxide. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 3935-3942	2.1	6
220	Electropolymerization of poly(3,4-ethylenedioxythiophene) onto polyvinyl alcohol-graphene quantum dot-cobalt oxide nanofiber composite for high-performance supercapacitor. <i>Electrochimica Acta</i> , 2018 , 261, 548-556	6.7	34

219	Highly Efficient, Near-Infrared and Visible Light Modulated Electrochromic Devices Based on Polyoxometalates and WO Nanowires. 2018 , 12, 559-567		105
218	A review on the heterostructure nanomaterials for supercapacitor application. <i>Journal of Energy Storage</i> , 2018 , 17, 181-202	7.8	71
217	Synthesis of N-doped mesoporous carbons under different carbonization temperature and their application in supercapacitors. 2018 , 25, 503-509		4
216	Recent development in hybrid conducting polymers: Synthesis, applications and future prospects. 2018 , 60, 53-84		90
215	Coaxial silver nanowire/polypyrrole nanocomposite supercapacitors. 2018 , 52, 272-280		42
214	Electrochemical capacitor performance of cobalt compound nanowires electrosynthesized in magnetic fields. 2018 , 204, 132-140		3
213	Methyl triphenylphosphonium permanganate as a novel oxidant for aniline to polyaniline-manganese(II, IV) oxide: material for high performance pseudocapacitor. 2018 , 22, 407-415		4
212	An indolocarbazole based yellow-to-cyan soluble electrochromic polymer. 2018 , 52, 317-322		9
211	Materials Development for Active/Passive Components of a Supercapacitor. <i>SpringerBriefs in Materials</i> , 2018 ,	0.5	14
210	Recent Progress on Electrochemical Capacitors Based on Carbon Nanotubes. 2018,		3
209	Supercapacitor: Instrumentation, Measurement and Performance Evaluation Techniques. <i>SpringerBriefs in Materials</i> , 2018 ,	0.5	13
208	Effect of Different Electrolytes on the Supercapacitor Behavior of Single and Multilayered Electrode Materials Based on Multiwalled Carbon Nanotube/Polyaniline Composite. 2018 , 219, 180021	3	6
207	Ex Situ Fabrication of Polypyrrole-Coated Core-Shell Nanoparticles for High-Performance Coin Cell Supercapacitor. 2018 , 8,		13
206	Synthesis of Biomass-Derived Carbon Induced by Cellular Respiration in Yeast for Supercapacitor Applications. 2018 , 24, 18068-18074		23
205	The effect of electro-polymerization method on supercapacitive properties of poly (o-Anisidine)/CNT nanocomposites. 2018 , 246, 16-22		3
204	Enhanced electrochemical performances of polypyrrole/carboxyl graphene/carbon nanotubes ternary composite for supercapacitors. <i>Electrochimica Acta</i> , 2018 , 290, 1-11	6.7	37
203	Nitrogen- and sulfur-enriched porous carbon from waste watermelon seeds for high-energy, high-temperature green ultracapacitors. 2018 , 6, 17751-17762		30
202	Effect of benzoquinone additives on the performance of symmetric carbon/carbon capacitors all electrochemical impedance study. <i>Journal of Energy Storage</i> , 2018 , 18, 340-348	7.8	4

201	Carbon and Metal Oxides Based Nanomaterials for Flexible High Performance Asymmetric Supercapacitors. <i>Springer Theses</i> , 2018 ,	0.1	3
200	High faradaic charge storage in ZnCo2S4 film on Ni-foam with a hetero-dimensional microstructure for hybrid supercapacitor. 2018 , 9, 416-427		41
199	One-pot synthesis of g-C3N4/MnO2 and g-C3N4/SnO2 hybrid nanocomposites for supercapacitor applications. 2018 , 2, 2244-2251		53
198	Supercapacitor study of reduced graphene oxide/Zn nanoparticle/polycarbazole electrode active materials and equivalent circuit models. 2018 , 22, 3261-3271		16
197	Layer-by-layer assembly of iron oxide-decorated few-layer graphene/PANI:PSS composite films for high performance supercapacitors operating in neutral aqueous electrolytes. <i>Electrochimica Acta</i> , 2018 , 283, 1178-1187	6.7	26
196	Titania nanotubes dispersed graphitic carbon nitride nanosheets as efficient electrode materials for supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 16598-16608	2.1	11
195	Porosity-Engineered Carbon Materials for Supercapacitors: The Template Effect and the Improved Capacitive Performances by the Addition of Redox Additive. 2018 , 13, 1850096		1
194	Enzymatic in situ synthesis of graphene oxide/polypyrrole composites by peroxidase and their electrical capacitance. 2019 , 97, 869-875		2
193	Tri-high designed graphene electrodes for long cycle-life supercapacitors with high mass loading. 2019 , 17, 349-357		42
192	Microwave/freeze casting assisted fabrication of carbon frameworks derived from embedded upholder in tremella for superior performance supercapacitors. 2019 , 18, 447-455		52
191	Tunable Conducting Polymers: Toward Sustainable and Versatile Batteries. 2019, 7, 14321-14340		50
190	High rate capability electrode from a ternary composite of nanodiamonds/reduced graphene oxide@PANI for electrochemical capacitors. 2019 , 526, 110461		7
189	AgNi Nanoparticle Anchored Reduced Graphene Oxide Nanocomposite as Advanced Electrode Material for Supercapacitor Application. 2019 , 1, 1215-1224		20
188	Polyaniline-Au nanocomposite as electrode material for supercapacitor applications. 2019 , 256, 116150		7
187	Nanostructured Anode Materials for Batteries (Lithium Ion, Ni-MH, Lead-Acid, and Thermal Batteries). 2019 , 145-229		1
186	Nanostructured Carbon-Based Electrodes for Supercapacitor Applications. 2019 , 467-520		
185	Strain-Sensitive Performance of a Tough and Ink-Writable Polyacrylic Acid Ionic Gel Crosslinked by Carboxymethyl Cellulose. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1900329	4.8	5
184	Graphene-Based Materials for Supercapacitors and Conductive Additives of Lithium Ion Batteries. 2019 , 219-298		

183 . 2019,

182	MnO2 Nanorods Embedded Reduced Graphene Oxide Nanocomposite with Ultrahigh Specific Capacitance and Excellent Cyclic Stability for High Performance Supercapacitors. 2019 , 07, 1950005		3
181	A chitosan/poly(ethylene glycol)-ran-poly(propylene glycol) blend as an eco-benign separator and binder for quasi-solid-state supercapacitor applications. 2019 , 3, 760-773		21
180	Poly(3,4-ethylenedioxythiophene) coated lead negative plates for hybrid energy storage systems. <i>Electrochimica Acta</i> , 2019 , 301, 183-191	6.7	8
179	Electronic Applications of Conducting Polymer Nanocomposites. 2019 , 211-220		2
178	Chemical Tuning of Specific Capacitance in Functionalized Fluorographene. 2019 , 31, 4698-4709		19
177	Electrodeposition of PPy/HNO3 Film and its Capacitive Behaviour. 2019 , 484, 012045		1
176	Conducting Polymers in Supercapacitor Application. 2019 , 267, 042048		4
175	Polyaniline nanofibers and porous Ni[OH]2 sheets coated carbon fabric for high performance super capacitor. 2019 , 136, 48042		5
174	Proceedings of the Third International Conference on Microelectronics, Computing and Communication Systems. 2019 ,		1
173	Development of 2D nano heterostructures based on g-C3N4 and flower shaped MoS2 as electrode in symmetric supercapacitor device. 2019 , 18, 100317		15
172	Multifunctional nanohybrid material from discarded razor blades as cost-effective supercapacitor electrodes and oil-spill cleaners. 2019 , 487, 109-115		6
171	Functionalized Carbon Materials for Electronic Devices: A Review. 2019 , 10,		42
170	The preparation of carbon nanofillers and their role on the performance of variable polymer nanocomposites. 2019 , 22, 8-53		62
169	Design and synthesis of phosphomolybdic acid/silver dual-modified microporous carbon composite for high performance supercapacitors. 2019 , 791, 1005-1014		7
168	Simultaneous Electrochemical Deposition of Cobalt Complex and Poly(pyrrole) Thin Films for Supercapacitor Electrodes. 2019 , 9, 5650		24
167	Conducting polymers X: Dielectric constant, conduction mechanism and correlation between theoretical parameters and electrical conductivity of poly (N,N?-bis-sulphinyl p-phenylenediamine-2,6-diaminipyridine) and poly (N,N?-bis-sulphinyl		21
166	p-phenylenediamine-3,5-diamine-1,2,4-trizole). 2019 , 115, 268-281 Electrochemical Assessment of As-Deposited Co(OH)2 by Electrochemical Synthesis: The Effect of Synthesis Temperature on Performance. 2019 , 12, 4246		1

(2020-2019)

165	Polyaniline Electrochemically Deposited on Tailored Metal Mesh for Dynamically Stretchable Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A3932-A3939	3.9	5
164	Mass Loading-Independent Energy Storage with Reduced Graphene Oxide and Carbon Fiber. 2019 , 6, 6009-6015		6
163	A "One-Pot" Route for the Synthesis of Snowflake-like Dendritic CoNi Alloy-Reduced Graphene Oxide-Based Multifunctional Nanocomposites: An Efficient Magnetically Separable Versatile Catalyst and Electrode Material for High-Performance Supercapacitors. 2019 , 4, 20672-20689		13
162	Influence of magnetic field on morphological structures and physiological characteristics of bEnd.3 cells cultured on polypyrrole substrates 2019 , 9, 40887-40894		1
161	Graphene quantum dots-induced morphological changes in CuCo2S4 nanocomposites for supercapacitor electrodes with enhanced performance. 2019 , 463, 498-503		24
160	Effect of synthesis methods on the surface and electrochemical characteristics of metal oxide/activated carbon composites for supercapacitor applications. 2019 , 469, 983-993		44
159	Facile fabrication of highly ordered polyaniline Exfoliated graphite composite for enhanced charge storage. 2019 , 144, 756-763		27
158	Construction of 3D hierarchical porous NiCo2O4/graphene hydrogel/Ni foam electrode for high-performance supercapacitor. <i>Electrochimica Acta</i> , 2019 , 299, 116-124	6.7	26
157	Beyond conventional supercapacitors: Hierarchically conducting polymer-coated 3D nanostructures for integrated on-chip micro-supercapacitors employing ionic liquid electrolytes. 2019 , 247, 131-143		16
156	Hydrogen-bonding power interfacial load transfer of carbon fabric/polypyrrole composite pseudosupercapacitor electrode with improved electrochemical stability. 2019 , 470, 783-791		7
155	Supercapacitor Energy Storage Device Using Biowastes: A Sustainable Approach to Green Energy. 2019 , 11, 414		82
154	Synthesis and characterization of NiCo2O4 nanospheres/nitrogen-doped graphene composites with enhanced electrochemical performance. 2019 , 784, 293-300		20
153	Polyaniline enfolded hybrid carbon array substrate electrode for high performance supercapacitors. 2019 , 39, 228-238		11
152	Catalytic reduction of 4-nitrophenol over Ag nanoparticles immobilized on Stachys lavandulifolia extract-modified multi walled carbon nanotubes. 2019 , 157, 232-240		47
151	A review on recent advances in hybrid supercapacitors: Design, fabrication and applications. 2019 , 101, 123-145		566
150	Molten salt synthesis of hierarchical porous N-doped carbon submicrospheres for multifunctional applications: High performance supercapacitor, dye removal and CO2 capture. 2019 , 141, 739-747		56
149	Edge-carboxylated graphene nanoplatelets as efficient electrode materials for electrochemical supercapacitors. 2019 , 142, 89-98		39
148	Wet-spinning assembly of nitrogen-doped graphene film for stable graphene-polyaniline supercapacitor electrodes with high mass loading. 2020 , 63, 1889-1897		4

147	Exfoliated MoS2Polyaniline Nanocomposites: Synthesis and Characterization. 2020, 30, 206-213		6
146	NiCoS nanosheet grafted SiO@C core-shelled spheres as a novel electrode for high performance supercapacitors. 2020 , 31, 045403		20
145	Zn-Co Sulfide Microflowers Anchored on Three-Dimensional Graphene: A High-Capacitance and Long-Cycle-Life Electrode for Asymmetric Supercapacitors. 2020 , 26, 650-658		16
144	In situ synthesis of polypyrrole on graphite felt as bio-anode to enhance the start-up performance of microbial fuel cells. 2020 , 43, 429-437		8
143	Hierarchical Design of rGO-PEDOT- EMnO2 Nanocomposite for Supercapacitors. 2020 , 49, 763-772		4
142	Development of nanohybrids based on carbon nanotubes/P(EDOT-co-MPy) and P(EDOT-co-PyMP) copolymers as electrode materials for aqueous supercapacitors. <i>Electrochimica Acta</i> , 2020 , 335, 135637	6.7	8
141	Phosphorus-doped carbon/carbon nanotube hybrids as high-performance electrodes for supercapacitors. <i>Electrochimica Acta</i> , 2020 , 354, 136713	6.7	4
140	Binder-free heterostructure (g-C3N4/PPy) based thin film on semi-flexible nickel foam via hybrid spray technique for energy storage application. 2020 , 30, 298-307		7
139	Modified Activated Graphene-Based Carbon Electrodes from Rice Husk for Supercapacitor Applications. 2020 , 13, 4943		8
138	Electrode Selection for Electrostimulation and TEER Using ECSARA. 2020 , 32, 2882-2892		1
137	Rolled Supercapacitor Device Model Using Carbon-Sheet as Electrodes in KCl Electrolyte System. 2020 , 860, 53-58		2
136	Reduced Graphene Oxide/Poly(PyrroleThiophene) Hybrid Composite Materials: Synthesis, Characterization, and Supercapacitive Properties. <i>Polymers</i> , 2020 , 12,	4.5	6
135	Bilayered microelectrodes based on electrochemically deposited MnO/polypyrrole towards fast charge transport kinetics for micro-supercapacitors 2020 , 10, 18245-18251		5
134	Nanostructured Polyaniline/Graphene/Fe2O3 Composites Hydrogel as a High-Performance Flexible Supercapacitor Electrode Material. 2020 , 3, 6434-6446		52
133	Preparation by pulsed current electrochemical polymerisation and properties of ordered comb-shaped polyaniline/carbon fibres composites for flexible supercapacitor electrodes. 2020 , 98, 98-	104	0
132	Characterization methods for supercapacitors. 2020 , 315-372		
131	Vacancies and edges: Enhancing supercapacitive performance metrics of electrode materials. Journal of Energy Storage, 2020 , 31, 101614	7.8	9
130	Synthesis of PEDOT: PPy/AC composite as an electrode for supercapacitor. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 13597-13609	2.1	10

129	Intercalation-type electrodes of copperdobalt oxides for high-energy-density supercapacitors. 2020 , 861, 113947	7
128	Effect of structural factors on the physicochemical properties of functionalized polyanilines 2020 , 10, 7468-7491	28
127	Electrolyte-Dependent Supercapacitor Performance on Nitrogen-Doped Porous Bio-Carbon from Gelatin. 2020 , 10,	19
126	Rational design of layer-by-layer assembled polypyrrole-based nanocomposite film for high-performance supercapacitor. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 4882-4894	4
125	3D network of V2O5 for flexible symmetric supercapacitor. <i>Electrochimica Acta</i> , 2020 , 337, 135701 6.7	24
124	Tangled silver nanoparticles embedded polythiophene-functionalized multiwalled carbon nanotube nanocomposites with remarkable electrical and thermal properties. 2020 , 189, 122171	13
123	Diaminopyrene modified reduced graphene oxide as a novel electrode material for excellent performance supercapacitors 2020 , 10, 1507-1513	4
122	Research Progress on Applications of Polyaniline (PANI) for Electrochemical Energy Storage and Conversion. 2020 , 13,	30
121	Development of a new hybrid CNT-TEPA@poly(3,4-ethylenedioxythiophene-co-3-(pyrrol-1-methyl)pyridine) for application as electrode active material in supercapacitors. 2020 , 194, 122368	5
120	Enhancement of electrochemical properties of carbon solution doped bismuth ferrite for supercapacitor application. <i>Materials Today: Proceedings</i> , 2021 , 41, 165-171	3
119	Integration of supercapacitors and batteries towards high-performance hybrid energy storage devices. 2021 , 45, 1449-1479	14
118	Direct growth of Mn(OH)2/Co(OH)2 nanocomposite on carbon cloth for flexible supercapacitor electrodes. <i>Journal of Energy Storage</i> , 2021 , 33, 102151	4
117	Interfacial growth of free-standing PANI films: toward high-performance all-polymer supercapacitors. 2020 , 12, 1783-1790	7
116	Versatile materials for energy devices and systems. 2021 , 265-291	
115	High-performance supercapacitor electrode based on naphthoquinone-appended dopamine neurotransmitter as an efficient energy storage material. 2021 , 45, 5154-5164	5
114	Eco-friendly cost-effective energy-storage device for the benefit of society. 2021 , 567-583	O
113	Designing neurotransmitter dopamine-functionalized naphthalene diimide molecular architectures for high-performance organic supercapacitor electrode materials. 2021 , 45, 9346-9357	3
112	Freestanding porous carbon membrane deriving from the alginic acid/poly(ionic liquid) complex and its high-performance HER electrocatalysis.	1

Design and development of polyaniline/nanocarbon nanocomposites. **2021**, 77-102

110	Manganese Oxides-Graphene Nanocomposites as Advanced Supercapacitors. 2021 ,	
109	Formation and electrochemical properties of multiwalled carbon nanotubes and polypyrrole composite with (n-Oc4N)Br binder. 2021 , 272, 116661	1
108	Mixed Matrix Membranes for Sustainable Electrical Energy-Saving Applications. 2021 , 8, 27-43	9
107	Experimental and Theoretical Study of the Effect of Functionalized Pyrene Polymerization on Carbon Electrode Surfaces for Electrochemical Storage. 2021 , 4, 1018-1031	
106	Performance analysis, challenges and future perspectives of nickel based nanostructured electrodes for electrochemical supercapacitors. 2021 , 11, 564-599	23
105	Highly Flexible and Tailorable Cobalt-Doped Cross-Linked Polyacrylamide-Based Electrolytes for Use in High-Performance Supercapacitors. 2021 , 16, 1438-1444	1
104	Conducting Polymer-Based Flexible Supercapacitor Devices. 2021 , 611-634	O
103	Synthesis, Characterization and Performance Study of Biomass Derived Supercapacitor Electrode. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 050530 3.9	0
102	Poly(o-Anisidine)/carbon nanotubes/graphene nanocomposite as a novel and cost-effective supercapacitor material. 2021 , 267, 115099	6
101	Transparent and Flexible Mn1ଢ️(CexLay)O2ଢ️ltrathin-Film Device for Highly-Stable Pseudocapacitance Application. 2021 , 31, 2100880	5
100	Simple and cost-effective synthesis of activated carbon@few layers of graphene composite electrode for supercapacitor applications. 2021 , 1166, 012007	O
99	Polypyrrole-based emerging and futuristic hybrid nanocomposites. <i>Polymer Bulletin</i> , 1 2.4	1
98	Cotton-ball haped porous iron-nickel sulfide: A high-rate cathode for long-life aqueous rechargeable battery. 2021 , 140, 111307	1
97	Reduced Graphene Oxide-sno2-Polyaniline Ternary Composite for High-Performance Supercapacitors. 2021 , 18, 206-216	2
96	Redox-active polymers as organic electrode materials for sustainable supercapacitors. 2021 , 147, 111247	11
95	Electrospun deposited Mn2O3/GO nanofiber composite electrode for hybrid coin cell supercapacitor devices. <i>Journal of Materials Science: Materials in Electronics</i> , 1	
94	Carbon coating on metal oxide materials for electrochemical energy storage. 2021 , 32,	3

(2006-2021)

93	MoS2 incorporated carbon allotropes (activated carbon, graphene, MWCNT) as electrodes in symmetric supercapacitors. 2021 , 98, 100169		0
92	3D core-shell poly(aniline-co-pyrrole)/reduced graphene oxide composite for supercapacitor performance. 2021 , 118, 108498		4
91	Enhanced ammonium removal and recovery from municipal wastewater by asymmetric CDI cell equipped with oxygen functionalized carbon electrode. 2021 , 274, 119064		0
90	General synthesis of hollow mesoporous conducting polymers by dual-colloid interface co-assembly for high-energy-density micro-supercapacitors. 2021 , 62, 145-152		8
89	Ternary nanocomposites for supercapattery. 2021 , 141-173		О
88	Carbon-based nanostructures and nanomaterials. 2021 , 103-130		О
87	Graphite-type activated carbon from coconut shell: a natural source for eco-friendly non-volatile storage devices 2021 , 11, 2854-2865		13
86	Dissolved Oxygen. Nanostructure Science and Technology, 2015 , 735-749	0.9	1
85	CNT Applications in Microelectronics, Nanoelectronics, Nanobioelectronics (12018, 65-72		1
84	CNT Applications in Displays and Transparent, Conductive Films/Substrates. 2018, 73-75		1
83	Graphene Applications in Electronics, Electrical Conductors, and Related Uses. 2018, 141-146		3
82	Characterization Methods. 2018 , 403-488		2
81	Microwave- and Conductivity-Based Technologies. 2018, 655-669		1
80	CNT Applications in Sensors and Actuators. 2018 , 53-60		2
79	Components of Supercapacitor. SpringerBriefs in Materials, 2018, 11-39	0.5	6
78	Carbon-Based Fibers for Advanced Electrochemical Energy Storage Devices. <i>Chemical Reviews</i> , 2020 , 120, 2811-2878	68.1	156
77	Hierarchical Porous Carbon with Interconnected Ordered Pores from Biowaste for High-Performance Supercapacitor Electrodes. <i>Nanoscale Research Letters</i> , 2020 , 15, 88	5	11
76	Nanotextured Carbons for Electrochemical Energy Storage. 2006,		3

75	Electrochemical Characterization of Electric Double Layer Capacitors Assembled with Pyrrolidinium-Based Ionic Liquid Electrolytes. <i>Journal of Electrochemical Science and Technology</i> , 2016 , 7, 199-205	3.2	3
74	High-Performance Li-ion Batteries and Supercapacitors Based on Prospective 1-D Nanomaterials. 2011 , 3, 62		4
73	Synthesis and Electrochemical Characterization of Polypyrrole/Multi-walled Carbon Nanotube Composite Electrodes for Supercapacitor Applications. <i>Bulletin of the Korean Chemical Society</i> , 2010 , 31, 1228-1232	1.2	43
72	High-Performance Li-ion Batteries and Supercapacitors Based on Prospective 1-D Nanomaterials. 2011 , 3, 62		2
71	Cycling Performance of Supercapacitors Assembled with Polypyrrole/Multi-Walled Carbon Nanotube/Conductive Carbon Composite Electrodes. <i>Journal of Electrochemical Science and Technology</i> , 2011 , 2, 91-96	3.2	7
70	The complementary advanced characterization and electrochemical techniques for electrode materials for supercapacitors. <i>Journal of Energy Storage</i> , 2021 , 44, 103370	7.8	6
69	Nanotextured Carbons for Electrochemical Energy Storage. <i>Advanced Materials and Technologies</i> , 2006 , 295-319		
68	Electrochemical Properties of PPy/CNT Electrodes Prepared by Chemical Process for Ultracapacitor. <i>Journal of the Korean Electrochemical Society</i> , 2007 , 10, 141-144		1
67	Surface Characterization of Graphene. 2013 , 73-90		
66	Krajowe badania nanorurek wglowych. 2014 ,		
65	Zastosowania nanorurek wglowych. 2014 ,		
64	Electron Transfer and Charge Storage in Thin Films of Nanoparticles. 2016 , 869-939		
63	Polymer/Graphene Composites for Energy Storage. Engineering Materials and Processes, 2017, 337-3	64	
62	Basic Electrochemistry of CPs. 2018 , 283-309		
61	Miscellaneous CNT Applications. 2018 , 89-90		
60	CNT Applications in Specialized Materials. 2018 , 45-48		
59	Structural Aspects and Morphology of CPs. 2018 , 389-402		
58	Electronic Structure and Conduction Models of Graphene. 2018 , 101-106		

Electrochromics. 2018, 601-624 57 Classes of CPs: Part 1. 2018, 489-507 56 Electro-Optic and Optical Devices. 2018, 671-684 55 Conduction Models and Electronic Structure of CNTs. 2018, 11-16 54 Miscellaneous Applications. 2018, 695-715 53 Introduction. Springer Theses, 2018, 1-29 52 0.1 CNT Applications in the Environment and in Materials Used in Separation Science. 2018, 81-87 51 Graphene Applications in Displays and Transparent, Conductive Films/Substrates. 2018, 147-148 50 Classes of CPs: Part 2. 2018, 509-545 49 48 Introducing Conducting Polymers (CPs). 2018, 159-174 Syntheses and Processing of CPs. 2018, 311-388 47 Physical, Mechanical, and Thermal Properties of CNTs. 2018, 33-36 46 CNT Applications in Electrical Conductors, Quantum Nanowires, and Potential Superconductors. 45 2018, 77-79 Toxicology of CNTs. 2018, 37-39 44 Synthesis, Purification, and Chemical Modification of CNTs. 2018, 17-31 43 Introducing Graphene. 2018, 93-99 42 Sensors. 2018, 549-574 41 Conduction Models and Electronic Structure of CPs. 2018, 175-249 40

39 Brief, General Overview of Applications. **2018**, 123-124

38	Electrochemomechanical, Chemomechanical, and Related Devices. 2018 , 685-693		
37	Displays, Including Light-Emitting Diodes (LEDs) and Conductive Films. 2018 , 625-654		
36	Preparation and electrochemical capacitance of high surface area TiO2RuO2 aerogels. <i>Open Ceramics</i> , 2021 , 8, 100196	3.3	O
35	Characterization of microsupercapacitors. 2022 , 117-162		
34	Carbon Nanotube Based Robust and Flexible Solid-State Supercapacitor. <i>ACS Applied Materials</i> & amp; Interfaces, 2021 , 13, 56004-56013	9.5	3
33	Pyrazine-based organic electrode material for high-performance supercapacitor applications. Journal of Energy Storage, 2022 , 48, 103953	7.8	2
32	Magnetic polyindole-Ag composite for the catalytic reduction and removing of the organic pollutants. <i>Polymer Bulletin</i> , 1	2.4	Ο
31	Oxidized Multiwalled Carbon Nanotubes as Components and Oxidant Agents in the Formation of Multiwalled Carbon Nanotube/Polyazulene Composites. <i>Journal of the Electrochemical Society</i> ,	3.9	0
30	Ultrasonicated graphene quantum dots dispersoid zinc ammonium phosphate hybrid electrode for supercapacitor applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2022 , 33, 7079	2.1	1
29	Doping of Carbon Nanostructures for Energy Application. <i>Advances in Material Research and Technology</i> , 2022 , 83-109	0.4	
28	Exploring the chemistry of D rganic/Water-in-saltlelectrolyte in Graphene-polypyrrole based high-voltage (2.4 V) microsupercapacitor. <i>Electrochimica Acta</i> , 2022 , 140499	6.7	1
27	CoFe2O4 surface modification with conducting polypyrrole: employed as a highly active electrocatalyst for oxygen evolution reaction. <i>Journal of Materials Science: Materials in Electronics</i> , 1	2.1	О
26	Electrochemical Investigation of PANI:PPy/AC and PANI:PEDOT/AC Composites as Electrode Materials in Supercapacitors. <i>Polymers</i> , 2022 , 14, 1976	4.5	Ο
25	Characterization Methods for Supercapacitors. Advances in Material Research and Technology, 2022, 101	-1.4 8	0
24	Amorphous Carbon Nanotubes-Molybdenum Disulphide: A Potential Material for Energy Storage. SSRN Electronic Journal,	1	
23	Conducting Polymer Nanomaterials for Electrochemical Energy Storage and Electrocatalysis. 2022, 337	-398	
22	Re-Stickable Yarn Supercapacitors with Vaper Phase Polymerized Multi-Layered Polypyrrole Electrodes for Smart Garments. <i>Macromolecular Rapid Communications</i> , 2200347	4.8	

21	Super-capacitive behaviour of polypyrrole thin film prepared by electrodeposition technique and characterization. <i>Materials Today: Proceedings</i> , 2022 ,	Ο
20	Oxidative Molecular Layer Deposition of Amine-Containing Conjugated Polymer Thin Films. 2022 , 4, 6156-61	682
19	Optimization of the ratio of aniline, ammonium persulfate, para -toluenesulfonic acid for the synthesis of conducting polyaniline and its use in energy storage devices.	О
18	Dependency of the pulsed electrochemical machining characteristics of Inconel 718 in NaNO3 solution on the pulse current.	O
17	Amorphous carbon nanotubes-molybdenum disulphide: A potential material for energy storage. 2022 , 33, 104665	1
16	Cutting-Edge Green Polymer/Nanocarbon Nanocomposite for SupercapacitorBtate-of-the-Art. 2022 , 6, 376	1
15	Polypyrrole Modified Carbon Nanotube/Polyimide Electrode Materials for Supercapacitors and Lithium-ion Batteries. 2022 , 15, 9509	О
14	Modification of Biomass-Derived Nanoporous Carbon with Nickel Oxide Nanoparticles for Supercapacitor Application. 2023 , 7, 20	1
13	Mechanistic Insights into Oxidative Molecular Layer Deposition of Conjugated Polymers. 2023 , 35, 154-162	1
12	Testing and measurement techniques for supercapacitors. 2023 , 651-672	O
11	Flexible supercapacitors. 2023, 535-558	О
10	A Comprehensive Compilation of Graphene/Fullerene Polymer Nanocomposites for Electrochemical Energy Storage. 2023 , 15, 701	1
9	Metal Drganic Framework-Derived Hollow Carbon Nanosphere (Ni/Reduced Graphene Oxide Composites for Supercapacitor Electrodes with Enhanced Performance. 2023 , 6, 1582-1591	О
8	Conducting polymer-based nanocomposites as electrode materials for supercapacitors. 2023, 413-450	O
7	Polyaniline/ZnS quantum dots nanocomposite as supercapacitor electrode. 2023, 449, 142174	0
6	Recent advances in two-dimensional metal-organic frameworks as an exotic candidate for the evaluation of redox-active sites in energy storage devices. 2023 , 64, 107142	O
5	High energy density hybrid supercapacitors based on graphitic carbon nitride modified BiFeO3 and biomass-derived activated carbon. 2023 , 64, 107075	О
4	Facile synthesis of SmSe supported on multiwalled carbon nanotubes for supercapacitor applications.	O

- Facile hydrothermal synthesis of manganese-doped chromium sulfide with reduced graphene oxide nanocomposites for energy storage system. **2023**, 38, 1930-1940
- О
- High-performance asymmetric supercapacitor based on a CdCO3/CdO/Co3O4 composite supported on Ni foam part II: a three-electrode electrochemical study. **2023**, 13, 10068-10081
- О
- Renewable Biopolymers Combined with Ionic Liquids for the Next Generation of Supercapacitor Materials. **2023**, 24, 7866

О