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Polyaniline nanofibers: a unique polymer nanostructure for versatile applications

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#	Paper I	F	Citations
875	Synthesis of Diphenylalanine/Polyaniline Core/Shell Conducting Nanowires by Peptide Self-Assembly. <b>2009</b> , 121, 4914-4917		14
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873	Synthesis of diphenylalanine/polyaniline core/shell conducting nanowires by peptide self-assembly. <b>2009</b> , 48, 4820-3		89
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703	One-pot surfactantless route to polyaniline hollow nanospheres with incontinuous multicavities and application for the removal of lead ions from water. <b>2012</b> , 28, 6468-75	44
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701	A renewable bamboo carbon/polyaniline composite for a high-performance supercapacitor electrode material. <b>2012</b> , 16, 877-882	73
700	Increased response/recovery lifetimes and reinforcement of polyaniline nanofiber films using carbon nanotubes. <b>2012</b> , 50, 1447-1454	26
699	Superparamagnetic sandwich Fe3O4@PS@PANi microspheres and yolk/shell Fe3O4@PANi hollow microspheres with Fe3O4@PS nanoparticles as partially sacrificial templates 2012, 187, 372-379	22
698	Polyaniline nanofibers: acute toxicity and teratogenic effect on Rhinella arenarum embryos.  Chemosphere, <b>2012</b> , 87, 1374-80	44
69 <del>7</del>	Effects of acidity on the size of polyaniline-poly(sodium 4-styrenesulfonate) composite particles and the stability of corresponding colloids in water. <b>2012</b> , 381, 11-6	37

696	Electrochemical investigations of the anticorrosive and electrochromic properties of electroactive polyamide. <b>2012</b> , 63, 185-191		48
695	Applications of poly(3,5-diaminobenzotrifluoride) as electrode in dye-sensitized solar cells and electrochromic devices. <b>2012</b> , 68, 103-109		2
694	Synthesis of flower-like polyaniline microspheres with a novel strategy. <b>2012</b> , 7, 149		8
693	Cyclodextrin-assisted synthesis of water-dispersible polyaniline nanofibers by controlling secondary growth. <b>2012</b> , 133, 459-464		17
692	Three-dimensional bicontinuous nanoporous Au/polyaniline hybrid films for high-performance electrochemical supercapacitors. <b>2012</b> , 197, 325-329		93
691	Facile method to prepare Pd/graphenepolyaniline nanocomposite and used as new electrode material for electrochemical sensing. <b>2012</b> , 353-354, 80-86		46
690	Low-Cost Hydrogen Sulfide Gas Sensor on Paper Substrates: Fabrication and Demonstration. <b>2012</b> , 12, 1973-1978		35
689	Use of facile mechanochemical method to functionalize carbon nanofibers with nanostructured polyaniline and their electrochemical capacitance. <b>2012</b> , 7, 111		21
688	Synthesis of polyaniline nanofiber and copolymerization with acrylate through in situ emulsion polymerization. <b>2012</b> , 123, 627-635		9
687	Synthesis of polyaniline nanofiber and anticorrosion property of polyaniline poxy composite coating for Q235 steel. <b>2012</b> , 9, 59-69		33
686	One-Dimensional Nanostructured Polyaniline: Syntheses, Morphology Controlling, Formation Mechanisms, New Features, and Applications. <b>2013</b> , 32, E323-E368		78
685	Doped polyaniline in Brfisted acid ionic liquid 1-butyl-3-methylimidazolium bis[trifluoromethyl(sulfonyl)]imide/bis[trifluoromethyl(sulfonyl)]imide. <b>2013</b> , 127, 2453-2457		11
684	Preparation and electrochemical performances of porous polypyrrole film by interfacial polymerization. <b>2013</b> , 127, 2938-2944		16
683	Advances in Membrane Development Based on Electrically Conducting Polymers. <b>2013</b> , 32, E189-E197		10
682	Castor Oil Based Hyperbranched Poly(ester amide)/Polyaniline Nanofiber Nanocomposites as Antistatic Materials. <b>2013</b> , 52, 5700-5707		33
681	A facile one-pot synthesis of polyaniline/magnetite nanocomposites by micelles-assisted method. <i>Applied Nanoscience (Switzerland)</i> , <b>2013</b> , 3, 409-415	3.3	24
68o	Morphology-Dependent Enhancement of the Pseudocapacitance of Template-Guided Tunable Polyaniline Nanostructures. <b>2013</b> , 117, 15009-15019		81
679	Microwave-assisted poly(glycidyl methacrylate)-functionalized multiwall carbon nanotubes with a BendrillarIhanofibrous polyaniline wrapping and their interaction at bio-interface. <b>2013</b> , 55, 34-43		15

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676	Platelet CMK-5 as an excellent mesoporous carbon to enhance the pseudocapacitance of polyaniline. <b>2013</b> , 5, 7501-8		47
675	Nanocomposite of polyaniline nanorods grown on graphene nanoribbons for highly capacitive pseudocapacitors. <b>2013</b> , 5, 6622-7		155
674	Synthesis and physico-chemical property evaluation of PANINiFe2O4 nanocomposite as electrodes for supercapacitors. <b>2013</b> , 553, 350-357		87
673	Preparation and characterization of polyaniline nanofiber colloids. <b>2013</b> , 53, 1631-1636		6
672	3D nanostructured conductive polymer hydrogels for high-performance electrochemical devices. <b>2013</b> , 6, 2856		302
671	Supramolecular helices: chirality transfer from conjugated molecules to structures. <b>2013</b> , 25, 6039-49		126
670	A novel electrochromic and broad infrared emissivity modulation film based on the copolymer of aniline and o-anisidine. <b>2013</b> , 88, 322-329		30
669	Nanochannel morphology of polypyrrole <b>I</b> nO nanocomposites towards dye sensitized solar cell application. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 12302		37
668	Controllable synthesis of MnO2/polyaniline nanocomposite and its electrochemical capacitive property. <b>2013</b> , 8, 179		50
667	NIR photothermal therapy using polyaniline nanoparticles. <b>2013</b> , 34, 9584-92		277
666	Synthesis and characterization of novel poly(aniline-co-m-aminoacetophenone) copolymer nanocomposites using dodecylbenzene sulfonic acid as a soft template. <b>2013</b> , 22, 923-929		23
665	Synthesis of Reduced Graphene Oxide Functionalized with Poly (o-anisidine) through in-situ Oxidative Polymerization. <i>Molecular Crystals and Liquid Crystals</i> , <b>2013</b> , 580, 69-75	;	2
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663	Stimuli-Responsive Conjugated Polymers: From Electronic Noses to Artificial Muscles. <b>2013</b> , 423-470		1
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658	Synthesis, Characteristics, and Applications of Intrinsically Light-Emitting Polymer Nanostructures. <b>2013</b> , 201-244		4
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655	Synthesis and characterization of clay/polyaniline nanofiber hybrids. <b>2013</b> , 128, 1304-1312		20
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652	Enhanced drug loading capacity of polypyrrole nanowire network for controlled drug release. <b>2013</b> , 163, 19-23		44
651	Interaction between oxidized polyaniline and oppositely charged amphiphilic assemblies in an aqueous/organic biphasic system. <b>2013</b> , 407, 516-23		18
650	Comparison study of gold nanohexapods, nanorods, and nanocages for photothermal cancer treatment. <b>2013</b> , 7, 2068-77		492
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648	Nanostructured graphene/FeDIncorporated polyaniline as a high performance shield against electromagnetic pollution. <b>2013</b> , 5, 2411-20		442
647	Carbon nanotube-templated polyaniline nanofibers: synthesis, flash welding and ultrafiltration membranes. <b>2013</b> , 5, 3856-62		53
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645	Dilute cationic surfactant-assisted synthesis of polyaniline nanotubes and application as reactive support for various noble metal nanocatalysts. <b>2013</b> , 4, 313-321		33
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639	Recent advances in conjugated polymer energy storage. <b>2013</b> , 51, 468-480	139
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637	Self-assembled catalytic DNA nanostructures for synthesis of para-directed polyaniline. <b>2013</b> , 7, 1591-8	77
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633	One-pot fabrication of uniform polypyrrole/Au nanocomposites and investigation for gas sensing. <b>2013</b> , 186, 695-700	56
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631	Electrorheological response of polyaniline and its hybrids. <b>2013</b> , 67,	17
630	Advanced environmentally friendly coatings prepared from amine-capped aniline trimer-based waterborne electroactive polyurethane. <b>2013</b> , 137, 772-780	33
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628	Eco-friendly water-borne conducting polyaniline. <b>2013</b> , 31, 853-869	9
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620	Polyaniline Nanofibers Produced via Rapid Initiated Polymerization in a Binary Oxidant System. <b>2013</b> , 750-752, 297-300	
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594	Graphene-based polyaniline nanocomposites: preparation, properties and applications. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 4491-4509	190
593	A photo-annealing approach for building functional polymer layers on paper. <b>2014</b> , 53, 4465-8	27
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587	Inkjet-printed energy storage device using graphene/polyaniline inks. <b>2014</b> , 248, 483-488	160
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579	Inorganic/organic small molecular semiconductor self-assembly to functional core-shell nanoarchitectures for ultrasensitive chemiresistors to aniline vapor. <b>2014</b> , 43, 11542-7	8
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577	Label-free human chorionic gonadotropin detection at picogram levels using oriented antibodies bound to graphene screen-printed electrodes. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 1852-1865	52
576	Facile synthesis of raspberry-like aniline oligomers with excellent adsorption desorption properties. <b>2014</b> , 38, 3029-3034	5
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543	Materials nanoarchitectonics: a conspectus for polymer scientists. <b>2014</b> , 63, 377-380	5
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532	Fabrication of Vertical Array CNTs/Polyaniline Composite Membranes by Microwave-Assisted In Situ Polymerization. <b>2015</b> , 10, 493	19
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527	Preparation and Characteristics of Fe2O3/Polyaniline-Curcumin Composites. <b>2015</b> , 5, 2401-2412	10
526	Metal-Polymer Nanocomposites: (Co-)Evaporation/(Co)Sputtering Approaches and Electrical Properties. <b>2015</b> , 5, 378-424	43
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507	Interfacial polymerization of conductive polymers: Generation of polymeric nanostructures in a 2-D space. <b>2015</b> , 224, 46-61		42
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