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## Recent Progress in the Synthesis of Porous Carbon Materials

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1639	Mesoporous carbon spheres with uniformly penetrating channels and their use as a supercapacitor electrode material. <b>2010</b> , 61, 31-38	31
1638	Porous carbons prepared from deoiled asphalt and their electrochemical properties for supercapacitors. <b>2010</b> , 64, 1868-1870	34
1637	Hierarchical macroporous carbon processed with ethylene glycol and starch as double porogens. <b>2010</b> , 64, 2696-2699	4
1636	CVD Nanocasting Routes to Zeolite-Templated Carbons for Hydrogen Storage. <b>2010</b> , 16, 322-328	30
1635	The Influence of Surface Chemistry and Pore Size on the Adsorption of Proteins on Nanostructured Carbon Materials. <b>2010</b> , 20, 2489-2499	29
1634	Fluidic carbon precursors for formation of functional carbon under ambient pressure based on ionic liquids. <i>Advanced Materials</i> , <b>2010</b> , 22, 1004-7	24 281
1633	Nanoporous scaffold with immobilized enzymes during flow-induced gelation for sensitive H <sub>2</sub> O <sub>2</sub> biosensing. <i>Advanced Materials</i> , <b>2010</b> , 22, 2809-13	24 20
1632	Physisorption in Porous Materials. <b>2010</b> , 39-62	11
1631	Magnetisch abtrennbare Nanokatalysatoren: Brücken zwischen homogener und heterogener Katalyse. <b>2010</b> , 122, 3504-3537	132
1630	Funktionsmaterialien: von harten zu weichen porösen Netzwerken. <b>2010</b> , 122, 8506-8523	132

1629	Uniform Hollow Carbon Shells: Nanostructured Graphitic Supports for Improved Oxygen-Reduction Catalysis. <b>2010</b> , 122, 7199-7202	18
1628	Magnetically separable nanocatalysts: bridges between homogeneous and heterogeneous catalysis. <b>2010</b> , 49, 3428-59	1208
1627	Functional materials: from hard to soft porous frameworks. <b>2010</b> , 49, 8328-44	668
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1625	Nanostructured carbons for solid phase extraction. <b>2010</b> , 256, 5216-5220	11
1624	Characterization and catalytic performance of porous carbon prepared using in situ-formed aluminophosphate framework as template. <b>2010</b> , 342, 467-73	20
1623	A one-pot route to synthesize highly ordered mesoporous carbons and silicas through organic/inorganic self-assembly of triblock copolymer, sucrose and silica. <b>2010</b> , 128, 1-11	39
1622	Noncovalently functionalized graphitic mesoporous carbon as a stable support of Pt nanoparticles for oxygen reduction. <b>2010</b> , 195, 1805-1811	74
1621	Starch-derived carbon aerogels with high-performance for sorption of cationic dyes. <b>2010</b> , 51, 3801-3807	46
1620	Synthesis of nanoporous carbons from mixtures of coal tar pitch and furfural and their application as electrode materials. <b>2010</b> , 91, 1710-1716	25
1619	Pt incorporated hollow core mesoporous shell carbon nanocomposite catalyst for proton exchange membrane fuel cells. <b>2010</b> , 35, 9924-9933	25
1618	In situ synthesis of N and Cu functionalized mesoporous FDU-14 resins and carbons for electrochemical hydrogen storage. <b>2010</b> , 35, 7530-7538	3
1617	Enhanced electrochemical hydrogen storage capacity of activated mesoporous carbon materials containing nickel inclusions. <b>2010</b> , 35, 12410-12420	19
1616	Synthesis of mesoporous hollow carbon hemispheres as highly efficient Pd electrocatalyst support for ethanol oxidation. <b>2010</b> , 12, 689-692	26
1615	A comparison of the electrocatalytic activities of ordered mesoporous carbons treated with either HNO <sub>3</sub> or NaOH. <b>2010</b> , 56, 657-662	15
1614	Structure evolution from nanocolumns to nanoporous of nitrogen doped amorphous carbon films deposited by magnetron sputtering. <b>2010</b> , 256, 6506-6511	9
1613	Problems and perspectives in nanostructured carbon-based electrodes for clean and sustainable energy. <b>2010</b> , 150, 151-162	65
1612	High dispersion Pt nanoparticles using mesoporous carbon support for enhancing conversion efficiency of dye-sensitized solar cells. <b>2010</b> , 21, 1513-1516	9

1611	A novel way to maintain resorcinol-formaldehyde porosity during drying: Stabilization of the sol-gel nanostructure using a cationic polyelectrolyte. <b>2010</b> , 362, 28-32	37
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1609	Fabrication of bimodal mesoporous carbons from petroleum pitch by a one-step nanocasting method. <b>2010</b> , 48, 839-843	35
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1607	Fabrication of porous SiCy (core)/C (shell) fibres using a hybrid precursor of polycarbosilane and pitch. <b>2010</b> , 48, 2115-2118	8
1606	Microwave assisted exfoliation and reduction of graphite oxide for ultracapacitors. <b>2010</b> , 48, 2118-2122	698
1605	A low-temperature autoclaving route to synthesize monolithic carbon materials with an ordered mesostructure. <b>2010</b> , 48, 2089-2099	69
1604	Easy synthesis of mesoporous carbon using nano-CaCO <sub>3</sub> as template. <b>2010</b> , 48, 2377-2380	94
1603	Ferrocene-derivatized ordered mesoporous carbon as high performance counter electrodes for dye-sensitized solar cells. <b>2010</b> , 48, 3715-3720	84
1602	Templated synthesis of carbon materials mediated by porous clay heterostructures. <b>2010</b> , 48, 4049-4056	28
1601	Soft-template synthesized ordered mesoporous carbon counter electrodes for dye-sensitized solar cells. <b>2010</b> , 48, 4563-4565	53
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1598	. <b>2010</b> ,	106
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1594	Porous Silicas and Respective Carbon Replicates for Adsorption and Catalysis. <b>2010</b> , 28, 717-726	4

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1592	Facile Synthesis of Monodisperse Spherical MCM-48 Mesoporous Silica Nanoparticles with Controlled Particle Size. <b>2010</b> , 22, 5093-5104	214
1591	Templated nanoscale porous carbons. <b>2010</b> , 2, 639-59	277
1590	Template-free fabrication of hierarchical porous carbon by constructing carbonyl crosslinking bridges between polystyrene chains. <b>2010</b> , 20, 731-735	103
1589	Direct access to metal or metal oxide nanocrystals integrated with one-dimensional nanoporous carbons for electrochemical energy storage. <b>2010</b> , 132, 15030-7	136
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1587	A detailed view on the polycondensation of ionic liquid monomers towards nitrogen doped carbon materials. <b>2010</b> , 20, 6746	222
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1585	Template-free fabrication of hierarchical porous carbon based on intra-/inter-sphere crosslinking of monodisperse styrene-divinylbenzene copolymer nanospheres. <b>2010</b> , 46, 5927-9	70
1584	Enhanced photocatalytic activity of highly crystallized and ordered mesoporous titanium oxide measured by silicon resonators. <b>2010</b> , 82, 3032-7	21
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1578	Influence of Particle Size on Rate Performance of Mesoporous Carbon Electric Double-Layer Capacitor (EDLC) Electrodes. <b>2010</b> , 157, A1229	12
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1569	Novel ACNT arrays based MEA structure-nano-Pt loaded ACNT/Nafion/ACNT for fuel cell applications. <b>2010</b> , 46, 4824-6	34
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1562	Highly Stable and Magnetically Recyclable Mesoporous Silica Spheres Embedded with FeCo/Graphitic Shell Nanocrystals for Supported Catalysts. <b>2011</b> , 23, 5398-5403	28
1561	Preparation and up-conversion luminescence of hollow La <sub>2</sub> O <sub>3</sub> :Ln (Ln = Yb/Er, Yb/Ho) microspheres. <b>2011</b> , 27, 5616-23	76
1560	Novel Nanoporous Carbons from Well-Defined Poly(styrene-co-acrylonitrile)-Grafted Silica Nanoparticles. <b>2011</b> , 23, 2024-2026	44
1559	Morphology and pore control in carbon materials via templating. <b>2011</b> , 1, 1620	70
1558	Structurally designed synthesis of mechanically stable poly(benzoxazine-co-resol)-based porous carbon monoliths and their application as high-performance CO <sub>2</sub> capture sorbents. <b>2011</b> , 133, 11378-88	456



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1489	Chiral Inorganic Solid Material Development. <b>2012</b> , 433-440, 391-395	
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1458	Nanostructured trimetallic Pt/FeRuC, Pt/NiRuC, and Pt/CoRuC catalysts for methanol electrooxidation. <b>2012</b> , 22, 13643	59
1457	Facile synthesis of microporous carbon spheres by selective pyrolysis. <b>2012</b> , 2, 8934	2
1456	In-Situ Preparation of Boron-Doped Carbons with Ordered Mesopores and Enhanced Electrochemical Properties in Supercapacitors. <b>2012</b> , 159, E177-E182	34
1455	Polymer/Ordered mesoporous carbon nanocomposite platelets as superior sensing materials for gas detection with surface acoustic wave devices. <b>2012</b> , 28, 11639-45	22
1454	Electrocatalysis, sensors and biosensors in analytical chemistry based on ordered mesoporous and macroporous carbon-modified electrodes. <b>2012</b> , 38, 79-97	123
1453	Soft-Template Simple Synthesis of Ordered Mesoporous Titanium Nitride-Carbon Nanocomposite for High Performance Dye-Sensitized Solar Cell Counter Electrodes. <b>2012</b> , 24, 1575-1582	98
1452	Technological Innovations to Counter CBRNE Threat Vectors and Ecotage. <b>2012</b> , 3-23	
1451	Porous carbon materials with a controllable surface area synthesized from metal-organic frameworks. <b>2012</b> , 48, 7447-9	171
1450	A review of electrode materials for electrochemical supercapacitors. <b>2012</b> , 41, 797-828	6816

1449	Nanochannels preparation and application in biosensing. <b>2012</b> , 6, 7556-83	156
1448	The numerical analysis of the spherical carbon adsorbents obtained from ion-exchange resins in one-step steam pyrolysis. <b>2012</b> , 259, 13-20	6
1447	Facile preparation and high microwave absorption of C/SiO <sub>2</sub> composites with an ordered inter-filled string mesostructure. <b>2012</b> , 85, 117-119	23
1446	Hierarchical porous carbon with graphitic structure synthesized by a water soluble template method. <b>2012</b> , 87, 77-79	35
1445	Preparing microporous carbon from solid organic salt precursors using in situ templating and a fixed-bed reactor. <b>2012</b> , 160, 174-181	20
1444	Nanostructured carbon for energy storage and conversion. <b>2012</b> , 1, 195-220	797
1443	Enhanced microwave performance of highly ordered mesoporous carbon coated by Ni <sub>2</sub> O <sub>3</sub> nanoparticles. <b>2012</b> , 525, 82-86	94
1442	Uniform mesoporous carbon as a carrier for poorly water soluble drug and its cytotoxicity study. <b>2012</b> , 80, 535-43	73
1441	Dual-heteroatom-modified ordered mesoporous carbon: Hydrothermal functionalization, structure, and its electrochemical performance. <b>2012</b> , 22, 4963	99
1440	Direct synthesis of ordered mesoporous polymer and carbon materials by a biosourced precursor. <b>2012</b> , 14, 313-316	65
1439	Porous carbon spheres from energetic carbon precursors using ultrasonic spray pyrolysis. <i>Advanced Materials</i> , <b>2012</b> , 24, 6028-33	24 52
1438	Preparation and Catalysis of Carbon-Supported Iron Catalysts for Fischer-Tropsch Synthesis. <b>2012</b> , 4, 1498-1511	81
1437	Evaluation of silver-containing activated carbon fiber for wound healing study: In vitro and in vivo. <b>2012</b> , 100, 2288-96	32
1436	One-Step Synthesis of Mesoporous Carbon Utilizing a Fructose Melt. <b>2012</b> , 638, 1578-1578	2
1435	Relation between Crystallinity and Mesoscopic Order of Mesoporous Al <sub>2</sub> O <sub>3</sub> . <b>2012</b> , 638, 1578-1578	2
1434	Hybrid Polymer-Inorganic Nanostructures. <b>2012</b> , 129-140	
1433	Electrochemically active nitrogen-enriched nanocarbons with well-defined morphology synthesized by pyrolysis of self-assembled block copolymer. <b>2012</b> , 134, 14846-57	327
1432	Nanoporous carbons through direct carbonization of a zeolitic imidazolate framework for supercapacitor electrodes. <b>2012</b> , 48, 7259-61	559

1431	Direct carbonization of Al-based porous coordination polymer for synthesis of nanoporous carbon. <b>2012</b> , 134, 2864-7	538
1430	Electrochemical performance of a novel ionic liquid derived mesoporous carbon. <b>2012</b> , 48, 2776-8	26
1429	Recent advances in hydrogen storage technologies based on nanoporous carbon materials. <b>2012</b> , 22, 631-638	59
1428	Preparation and hydrogen storage capacity of templated and activated carbons nanocast from commercially available zeolitic imidazolate framework. <b>2012</b> , 22, 146-152	143
1427	Synthesis of porous carbons derived from metal-organic coordination polymers and their adsorption performance for carbon dioxide. <b>2012</b> , 27, 194-199	13
1426	Facile preparation of hierarchically porous carbon using diatomite as both template and catalyst and methylene blue adsorption of carbon products. <b>2012</b> , 388, 176-84	69
1425	Production of l-theanine using glutaminase encapsulated in carbon-coated mesoporous silica with high pH stability. <b>2012</b> , 68, 207-214	25
1424	Facile preparation of hierarchical porous carbons with tailored pore size obtained using a cationic polyelectrolyte as a soft template. <b>2012</b> , 415, 343-348	20
1423	A new metal electrocatalysts supported matrix: Palladium nanoparticles supported silicon carbide nanoparticles and its application for alcohol electrooxidation. <b>2012</b> , 85, 644-649	16
1422	Bioanalysis based on nanoporous materials. <b>2012</b> , 39, 149-162	55
1421	Preparation and characterization of ordered nanoporous carbon materials by templating method. <b>2012</b> , 27, 762-767	2
1420	Pt/carbon materials as bi-functional catalysts for n-decane hydroisomerization. <b>2012</b> , 163, 21-28	11
1419	Aromatic sulfide, sulfoxide, and sulfone mediated mesoporous carbon monolith for use in supercapacitor. <b>2012</b> , 1, 624-630	248
1418	From Green Aerogels to Porous Graphite by Emulsion Gelation of Acrylonitrile. <b>2012</b> , 24, 26-47	38
1417	Highly Stable PtRu Nanoparticles Supported on Three-Dimensional Cubic Ordered Mesoporous Carbon (PtRu/CMK-8) as Promising Electrocatalysts for Methanol Oxidation. <b>2012</b> , 116, 2630-2638	114
1416	Materials self-assembly and fabrication in confined spaces. <b>2012</b> , 22, 10389	67
1415	Highly porous chemically modified carbon cryogels and their coherent nanocomposites for energy applications. <b>2012</b> , 5, 5619-5637	61
1414	Mesoporous carbon/zirconia composites: a potential route to chemically functionalized electrically-conductive mesoporous materials. <b>2012</b> , 28, 3259-70	12



1413	Post-enrichment of nitrogen in soft-templated ordered mesoporous carbon materials for highly efficient phenol removal and CO <sub>2</sub> capture. <b>2012</b> , 22, 11379	143
1412	Chiral porous metal-organic frameworks with dual active sites for sequential asymmetric catalysis. <b>2012</b> , 468, 2035-2052	29
1411	Unusual CoS <sub>2</sub> ellipsoids with anisotropic tube-like cavities and their application in supercapacitors. <b>2012</b> , 48, 6912-4	208
1410	Modification of electrospun nylon nanofibers using layer-by-layer films for application in flow injection electronic tongue: Detection of paraoxon pesticide in corn crop. <b>2012</b> , 171-172, 249-255	42
1409	One-pot synthesis of intermetallic electrocatalysts in ordered, large-pore mesoporous carbon/silica toward formic acid oxidation. <b>2012</b> , 6, 6870-81	85
1408	Controlled synthesis of carbon nanostructures using aligned ZnO nanorods as templates. <b>2012</b> , 50, 5472-5480	21
1407	Adsorption by Soft-Templated Carbons. <b>2012</b> , 323-350	1
1406	Review of Syngas Contaminants removal using Carbon-based Catalysts. <b>2012</b> ,	
1405	MOF-Derived Hierarchically Porous Carbon with Exceptional Porosity and Hydrogen Storage Capacity. <b>2012</b> , 24, 464-470	593
1404	Functional Carbon Materials From Ionic Liquid Precursors. <b>2012</b> , 213, 1132-1145	91
1403	Chemical Synthesis of Carbon Materials With Intriguing Nanostructure and Morphology. <b>2012</b> , 213, 1107-1131	104
1402	Templated nanocarbons for energy storage. <i>Advanced Materials</i> , <b>2012</b> , 24, 4473-98	24 588
1401	Aus Carbiden abgeleitete Kohlenstoffmonolithe mit hierarchischer Porenarchitektur. <b>2012</b> , 124, 7695-7698	13
1400	Carbide-derived carbon monoliths with hierarchical pore architectures. <b>2012</b> , 51, 7577-80	120
1399	Ordered Mesoporous Carbon Supported Colloidal Pd Nanoparticle Based Model Catalysts for Suzuki Coupling Reactions: Impact of Organic Capping Agents. <b>2012</b> , 4, 1587-1594	52
1398	A nano-fibrillated mesoporous carbon as an effective support for palladium nanoparticles in the aerobic oxidation of alcohols "on pure water". <b>2012</b> , 18, 8634-40	50
1397	Control of porosity by using isorecticular zeolitic imidazolate frameworks (IRZIFs) as a template for porous carbon synthesis. <b>2012</b> , 18, 11399-408	110
1396	Three-dimensional hierarchically ordered porous carbons with partially graphitic nanostructures for electrochemical capacitive energy storage. <b>2012</b> , 5, 563-71	132

1395	Ordered mesoporous metal oxides: synthesis and applications. <b>2012</b> , 41, 4909-27	604
1394	Development of fibroblast culture in three-dimensional activated carbon fiber-based scaffold for wound healing. <b>2012</b> , 23, 1465-78	28
1393	Detection of the human prostate-specific antigen using an aptasensor with gold nanoparticles encapsulated by graphitized mesoporous carbon. <b>2012</b> , 178, 163-170	86
1392	One-pot aqueous route to synthesize highly ordered cubic and hexagonal mesoporous carbons from resorcinol and hexamine. <b>2012</b> , 50, 476-487	89
1391	Mesoporous carbon prepared from direct coal liquefaction residue for methane decomposition. <b>2012</b> , 50, 952-959	44
1390	Formation of bamboo-like conducting carbon nanotubes decorated with Au nanoparticles by the thermal decomposition of sucrose in an AAO template. <b>2012</b> , 50, 2465-2471	13
1389	The production of polycarbosilane-derived porous carbon fibers. <b>2012</b> , 50, 2669-2672	3
1388	A flexible cross-linked multi-walled carbon nanotube paper for sensing hydrogen. <b>2012</b> , 50, 2672-2674	24
1387	Avoiding structure degradation during activation of ordered mesoporous carbons. <b>2012</b> , 50, 3826-3835	22
1386	CVD generated mesoporous hollow carbon spheres as supercapacitors. <b>2012</b> , 396, 246-250	58
1385	BET, TGA, DTG, FT-IR, SEM, iodine number analysis and preparation of activated carbon from acorn shell by chemical activation with ZnCl <sub>2</sub> . <b>2012</b> , 95, 21-24	286
1384	The production of porous carbon from calcium lignosulfonate without activation process and the capacitive performance. <b>2012</b> , 71, 92-99	28
1383	Modeling porosity of high surface area nanopowders of the gallium nitride GaN semiconductor. <b>2012</b> , 133, 932-940	19
1382	Synthesis of ordered mesoporous ZrC/C nanocomposite via magnesiothermic reduction at low temperature. <b>2012</b> , 71, 88-90	7
1381	Facile preparation of macroporous graphitized carbon monoliths from iron-containing resorcinol-formaldehyde gels. <b>2012</b> , 76, 1-4	30
1380	A novel mesoporous carbon with straight tunnel-like pore structure for high rate electrochemical capacitors. <b>2012</b> , 204, 230-235	52
1379	Electrochemical capacitive behaviors of ordered mesoporous carbons with controllable pore sizes. <b>2012</b> , 209, 243-250	55
1378	Synthesis of recyclable catalyst-support Fe/CMK-3 for dry oxidation of phenol. <b>2012</b> , 147, 188-193	19

1377	Ultra-low-cost route to mesocellular siliceous foam from steel slag and mesocellular carbon foam as catalyst support in fuel cell. <b>2012</b> , 151, 450-456	10
1376	Synthesis of ordered mesoporous carbons by activation of SBA-15 carbon replicas. <b>2012</b> , 151, 390-396	44
1375	Synthesis and characterisation of nanoporous carbon/fetal composites for hydrogen storage. <b>2012</b> , 154, 74-81	17
1374	Cathodes comprising Li <sub>2</sub> MnSiO <sub>4</sub> nanoparticles dispersed in the mesoporous carbon frameworks, CMK-3 and CMK-8. <b>2012</b> , 155, 99-105	24
1373	Pore properties of hierarchically porous carbon monoliths with high surface area obtained from bridged polysilsesquioxanes. <b>2012</b> , 155, 265-273	18
1372	Electrochemical double-layer capacitor performance of novel carbons derived from SAPO zeolite templates. <b>2012</b> , 160, 25-31	15
1371	Enhanced microwave absorbing properties of carbonyl iron-doped Ag/ordered mesoporous carbon nanocomposites. <b>2012</b> , 177, 476-482	32
1370	Quantitative small-angle scattering on mesoporous silica powders: from morphological features to specific surface estimation. <b>2012</b> , 45, 662-673	16
1369	Self-assembling supramolecular systems of different symmetry formed by wedged macromolecular dendrons. <b>2012</b> , 57, 151-168	12
1368	Nanocatalysis and prospects of green chemistry. <b>2012</b> , 5, 65-75	165
1367	Enzyme/magnetic nanoparticle hybrids: new effective catalysts for the production of high value chemicals. <b>2012</b> , 87, 583-594	71
1366	Synthesis and characterization of activated carbons prepared from benzene CVD on zeolite Y. <b>2012</b> , 19, 211-215	6
1365	Evaluation of some new hyperbranched polyesters as binding agents for heavy metals. <b>2013</b> , 91, 257-263	10
1364	Physical activation of diatomite-templated carbons and its effect on the adsorption of methylene blue (MB). <b>2013</b> , 282, 838-843	38
1363	Preparation of macroporous carbon foams using a polyurethane foam template replica method without curing step. <b>2013</b> , 21, 958-964	27
1362	Synthesis of porous graphitic carbon from mesocarbon microbeads by one-step route. <b>2013</b> , 20, 1323-1328	1
1361	One-pot generation of mesoporous carbon supported nanocrystalline H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> heteropoly acid with high performance in microwave esterification of acetic acid and isoamyl alcohol. <b>2013</b> , 20, 1225-1230	12
1360	Synthesis of an ordered mesoporous carbon with graphitic characteristics and its application for dye adsorption. <b>2013</b> , 20, 1153-1161	15

1359	Ordered mesoporous materials based on interfacial assembly and engineering. <i>Advanced Materials</i> , <b>2013</b> , 25, 5129-52, 5128	24	226
1358	Multifunctional nitrogen-rich Brick-and-mortar Carbon as high performance supercapacitor electrodes and oxygen reduction electrocatalysts. <b>2013</b> , 1, 11061		32
1357	Dynamic electrosorption analysis: a viable liquid-phase characterization method for porous carbon?. <b>2013</b> , 1, 9332		8
1356	Morphology control in mesoporous carbon films using solvent vapor annealing. <b>2013</b> , 29, 3428-38		23
1355	Synthesis of carbonPtAu nanoparticle hybrids originating from triethoxysilane-derivatized ionic liquids for methanol electrooxidation and the catalytic reduction of 4-nitrophenol. <b>2013</b> , 1, 9257		31
1354	Nanoporous carbon sensor with cage-in-fiber structure: highly selective aniline adsorbent toward cancer risk management. <b>2013</b> , 5, 2930-4		57
1353	Adsorption and desorption of methylene blue on porous carbon monoliths and nanocrystalline cellulose. <b>2013</b> , 5, 8796-804		247
1352	On the Electrochemical Response of Porous Functionalized Graphene Electrodes. <b>2013</b> , 117, 16076-16086		74
1351	Nanomaterials for bio-functionalized electrodes: recent trends. <b>2013</b> , 1, 4878-4908		260
1350	Bio-inspired ultrasound assisted construction of synthetic sponges. <b>2013</b> , 1, 7547		17
1349	Electrocatalysis in Fuel Cells. <b>2013</b> ,		63
1348	Fabrication and characterization of nanotemplated carbon monolithic material. <b>2013</b> , 5, 8572-80		9
1347	Controllable synthesis of hollow $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> nanostructures, their growth mechanism, and the morphology-reserved conversion to magnetic Fe <sub>3</sub> O <sub>4</sub> /C nanocomposites. <b>2013</b> , 3, 19097		11
1346	Preparation of mesoporous MgO-templated carbons from phenolic resin and their applications for electric double-layer capacitors. <b>2013</b> , 58, 992-997		8
1345	Carbon. <b>2013</b> , 323-369		13
1344	Enabling New Classes of Templated Materials through Mesoporous Carbon Colloidal Crystals. <b>2013</b> , 1, 300-304		14
1343	Effect of the pore geometry in the characterization of the pore size distribution of activated carbons. <b>2013</b> , 19, 601-609		12
1342	Facile synthesis and application of a carbon foam with large mesopores. <b>2013</b> , 15, 19134-7		7

1341	25th anniversary article: "Cooking carbon with salt": carbon materials and carbonaceous frameworks from ionic liquids and poly(ionic liquid)s. <i>Advanced Materials</i> , <b>2013</b> , 25, 5838-54	24	154
1340	Highly porous nitrogen-doped polyimine-based carbons with adjustable microstructures for CO <sub>2</sub> capture. <b>2013</b> , 1, 10951		167
1339	Ordered mesoporous carbon nanospheres as electrode materials for high-performance supercapacitors. <b>2013</b> , 36, 66-70		74
1338	A general and facile synthesis strategy towards highly porous carbons: carbonization of organic salts. <b>2013</b> , 1, 13738		113
1337	Large-pore mesoporous Mn <sub>3</sub> O <sub>4</sub> crystals derived from metal-organic frameworks. <b>2013</b> , 49, 11695-7		51
1336	Supercapacitors based on graphene-supported iron nanosheets as negative electrode materials. <b>2013</b> , 7, 11325-32		160
1335	Advances in the development of nanostructured catalysts based on carbon gels. <b>2013</b> , 218-219, 43-50		23
1334	Hierarchically Porous Carbon Monoliths with High Surface Area from Arylene-Bridged Polysilsesquioxanes Without Thermal Activation Process. <b>2013</b> , 163-179		
1333	A simple method for the production of highly ordered porous carbon materials with increased hydrogen uptake capacities. <b>2013</b> , 38, 5039-5052		18
1332	Carbon black directed synthesis of ultrahigh mesoporous carbon aerogels. <b>2013</b> , 63, 487-497		25
1331	Synthesis of highly crystalline sp <sup>2</sup> -bonded boron nitride aerogels. <b>2013</b> , 7, 8540-6		79
1330	Reversible pore size control of elastic microporous material by mechanical force. <b>2013</b> , 19, 13009-16		13
1329	Porous Carbons from Nonporous MOFs: Influence of Ligand Characteristics on Intrinsic Properties of End Carbon. <b>2013</b> , 13, 4195-4199		124
1328	Direct prototyping of 3D micro supercapacitors based on in-situ fabricated nanoporous carbon electrodes. <b>2013</b> ,		2
1327	Solid-state synthesis of mesoporous MFI zeolite from self-bonded silica pellets. <b>2013</b> , 204, 30-37		13
1326	Nitrogen-Doped Porous Carbon Spheres Derived from Polyacrylamide. <b>2013</b> , 52, 12025-12031		46
1325	Graphitic domain layered titania nanotube arrays for separation and shuttling of solar-driven electrons. <b>2013</b> , 1, 203-207		6
1324	Phenol resin carbonized films with anisotropic shrinkage driven ordered mesoporous structures. <b>2013</b> , 1, 15135		16

1323	Outward conversion of core-shell nanostructured ZnS microspheres to mesoporous ZnO ones. <b>2013</b> , 15, 3334	15
1322	In situ polydopamine coating-directed synthesis of nitrogen-doped ordered nanoporous carbons with superior performance in supercapacitors. <b>2013</b> , 1, 15207	67
1321	Effect of the viscosity of poly(benzimidazole) on the performance of a multifunctional electrocatalyst with an ideal interfacial structure. <b>2013</b> , 1, 4265	4
1320	Design principles for microporous organic solids from predictive computational screening. <b>2013</b> , 1, 11950	32
1319	Tuning the porous texture and specific surface area of nanoporous carbons for supercapacitor electrodes by adjusting the hydrothermal synthesis temperature. <b>2013</b> , 1, 12962	33
1318	Nanocasting of hierarchical nanostructured porous carbon in molecular dynamics simulation. <b>2013</b> , 1, 3886	13
1317	Architectural design of hierarchically ordered porous carbons for high-rate electrochemical capacitors. <b>2013</b> , 1, 2886	65
1316	Ordered mesoporous carbon-carbon nanotube nanocomposites as highly conductive and durable cathode catalyst supports for polymer electrolyte fuel cells. <b>2013</b> , 1, 1270-1283	51
1315	Two-dimensional mesoporous carbon nanosheets and their derived graphene nanosheets: synthesis and efficient lithium ion storage. <b>2013</b> , 135, 1524-30	514
1314	Identification of the Effect of Cobalt Contents on Effective Synthesis of Carbon Nanotubes from Methane Decomposition. <b>2013</b> , 21, 75-87	7
1313	Hematite nanoparticle-templated hollow carbon nanonets supported palladium nanoparticles: preparation and application as efficient recyclable catalysts. <b>2013</b> , 3, 952-961	30
1312	Mass transport and electrolyte accessibility through hexagonally ordered channels of self-assembled mesoporous carbons. <b>2013</b> , 228, 24-31	20
1311	Functional nanoporous carbons from hydrothermally treated biomass for environmental purification. <b>2013</b> , 168, 92-101	100
1310	Direct synthesis of ordered mesoporous carbons. <b>2013</b> , 42, 3977-4003	457
1309	Three dimensional macroporous architectures and aerogels built of carbon nanotubes and/or graphene: synthesis and applications. <b>2013</b> , 42, 794-830	957
1308	Ordered mesoporous carbon prepared from triblock copolymer/novolac composites. <b>2013</b> , 20, 107-113	11
1307	Nitrogen-doped porous carbon for supercapacitor with long-term electrochemical stability. <b>2013</b> , 230, 50-58	233
1306	Carbon Nanomaterials in Catalysis: Proton Affinity, Chemical and Electronic Properties, and their Catalytic Consequences. <b>2013</b> , 5, 378-401	199

1305	Porous-organic-framework-templated nitrogen-rich porous carbon as a more proficient electrocatalyst than Pt/C for the electrochemical reduction of oxygen. <b>2013</b> , 19, 974-80	86
1304	Self-assembly of tetrabromoterephthalic acid with different metal system: Diversity in dimensionalities, structures and gas adsorption. <b>2013</b> , 52, 553-559	4
1303	Magnetic hierarchical porous carbon sphere prepared for removal of organic pollutants in water. <b>2013</b> , 104, 64-67	16
1302	Controlled deposition, electrical and electrochemical properties of electroless nickel layers on microarc oxidized magnesium substrates. <b>2013</b> , 93, 263-265	7
1301	Production of boron-doped porous carbon by the reaction of carbon dioxide with sodium borohydride at atmospheric pressure. <b>2013</b> , 53, 216-221	46
1300	Trisodium citrate assisted synthesis of hierarchical NiO nanospheres with improved supercapacitor performance. <b>2013</b> , 235, 45-53	118
1299	Enhanced capacitive behavior of carbon aerogels/reduced graphene oxide composite film for supercapacitors. <b>2013</b> , 247-248, 66-70	8
1298	Preparation and applications of hierarchical porous carbons from direct coal liquefaction residue. <b>2013</b> , 109, 2-8	29
1297	Self-organized macroporous thin carbon films for supported metal catalysis. <b>2013</b> , 427, 83-94	23
1296	Construction of label-free electrochemical immunosensor on mesoporous carbon nanospheres for breast cancer susceptibility gene. <b>2013</b> , 770, 62-7	37
1295	Preparation of hollow submicrocapsules with a mesoporous carbon shell. <b>2013</b> , 59, 430-438	18
1294	Facile synthesis of dual micro/macroporous carbonaceous foams by templating in highly concentrated water-in-oil emulsions. <b>2013</b> , 182, 102-108	11
1293	Preparation of Mesoporous Carbons from Acrylonitrile-methyl Methacrylate Copolymer/Silica Nanocomposites Synthesized by in-situ Emulsion Polymerization. <b>2013</b> , 21, 691-697	2
1292	Electrochemical generation of oxygen-containing groups in an ordered microporous zeolite-templated carbon. <b>2013</b> , 54, 94-104	53
1291	Preparation of ultrahigh surface area porous carbons templated using zeolite 13X for enhanced hydrogen storage. <b>2013</b> , 23, 308-316	42
1290	Hollow Carbon Nanoparticles of Tunable Size and Wall Thickness by Hydrothermal Treatment of $\beta$ -Cyclodextrin Templated by F127 Block Copolymers. <b>2013</b> , 25, 704-710	86
1289	Synthesis and characterization of mesoporous poly (4-methylvinylpyridinium hydroxide) as an efficient heterogeneous organocatalyst. <b>2013</b> , 138, 427-433	1
1288	Mesoporous materials and electrochemistry. <b>2013</b> , 42, 4098-140	450

1287	Simultaneous formation of ultrahigh surface area and three-dimensional hierarchical porous graphene-like networks for fast and highly stable supercapacitors. <i>Advanced Materials</i> , <b>2013</b> , 25, 2474-80 <sup>24</sup>	594
1286	Block-Copolymer-Assisted One-Pot Synthesis of Ordered Mesoporous WO <sub>3</sub> /Carbon Nanocomposites as High-Rate-Performance Electrodes for Pseudocapacitors. <b>2013</b> , 23, 3747-3754	126
1285	An overview of the modification methods of activated carbon for its water treatment applications. <b>2013</b> , 219, 499-511	614
1284	Hierarchically porous monoliths of oxygen-deficient anatase TiO <sub>2</sub> with electronic conductivity. <b>2013</b> , 3, 7205	9
1283	Mesoporous polymeric semiconductor materials of graphitic-C <sub>3</sub> N <sub>4</sub> : general and efficient synthesis and their integration with synergistic AgBr NPs for enhanced photocatalytic performances. <b>2013</b> , 3, 5631	51
1282	General Properties of Electrochemical Capacitors. <b>2013</b> , 69-109	26
1281	Preparation of flexible phenolic resin-based porous carbon fabrics by electrospinning. <b>2013</b> , 218, 232-237	24
1280	Nanomaterials for energy conversion and storage. <b>2013</b> , 42, 3127-71	1188
1279	From dead leaves to high energy density supercapacitors. <b>2013</b> , 6, 1249	678
1278	Fabrication and application of mesoporous Sb-doped SnO <sub>2</sub> electrode with high specific surface in electrochemical degradation of ketoprofen. <b>2013</b> , 94, 21-29	61
1277	Synthesis and applications of hierarchically porous catalysts. <b>2013</b> , 34, 22-47	50
1276	Designing Inorganic Porous Materials for Enzyme Adsorption and Applications in Biocatalysis. <b>2013</b> , 5, 862-884	87
1275	A facile approach for tailoring carbon frameworks from microporous to nonporous for nanocarbons. <b>2013</b> , 1, 5001	27
1274	Functional mesoporous materials for energy applications: solar cells, fuel cells, and batteries. <b>2013</b> , 5, 4584-605	100
1273	Mesoporous Nonsilica Materials. <b>2013</b> , 293-428	5
1272	A nanoporous borocarbonitride (BC <sub>4</sub> N) with novel properties derived from a boron-imidazolate-based metal-organic framework. <b>2013</b> , 19, 6966-70	16
1271	"Salt templating": a simple and sustainable pathway toward highly porous functional carbons from ionic liquids. <i>Advanced Materials</i> , <b>2013</b> , 25, 75-9	24 364
1270	Three-Dimensionally Ordered Macroporous Polymeric Materials by Colloidal Crystal Templating for Reversible CO <sub>2</sub> Capture. <b>2013</b> , 23, n/a-n/a	13



1269	Improving hydrothermal carbonization by using poly(ionic liquid)s. <b>2013</b> , 52, 6028-32	126
1268	Mesoporous carbon with uniquely combined electrochemical and mass transport characteristics for polymer electrolyte membrane fuel cells. <b>2013</b> , 3, 16-24	53
1267	One-pot endo/exotemplating of hierarchical micro-mesoporous carbons. <b>2013</b> , 54, 365-377	12
1266	Preparation of a magnetically recoverable biocatalyst support on monodisperse Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <b>2013</b> , 3, 9924	24
1265	Reactive template-induced self-assembly to ordered mesoporous polymeric and carbonaceous materials. <b>2013</b> , 7, 1748-54	65
1264	Soft templating strategies for the synthesis of mesoporous materials: inorganic, organic-inorganic hybrid and purely organic solids. <b>2013</b> , 189-190, 21-41	183
1263	Nitrogen Doping Effects on the Physical and Chemical Properties of Mesoporous Carbons. <b>2013</b> , 117, 8318-8328	194
1262	Nitrogen-enriched ordered mesoporous carbons through direct pyrolysis in ammonia with enhanced capacitive performance. <b>2013</b> , 1, 7920	110
1261	Nanoporous carbons with a 3D nanonetwork-interconnected 2D ordered mesoporous structure for rapid mass transport. <b>2013</b> , 1, 3768	44
1260	Ordered hierarchical mesoporous/microporous carbon with optimized pore structure for supercapacitors. <b>2013</b> , 1, 1192-1200	58
1259	Promises and Challenges of Unconventional Electrocatalyst Supports. <b>2013</b> , 689-728	2
1258	Porous carbon-based materials for hydrogen storage: advancement and challenges. <b>2013</b> , 1, 9365	230
1257	Functionalization of mesostructured silica-carbon composites. <b>2013</b> , 139, 281-289	24
1256	Nitrogen-doped porous carbons by conversion of azo dyes especially in the case of tartrazine. <b>2013</b> , 242, 41-49	21
1255	Mesoporous poly(melamine-formaldehyde) solid sorbent for carbon dioxide capture. <b>2013</b> , 6, 1186-90	64
1254	Design of Heterogeneous Catalysts for Fuels and Chemicals Processing: An Overview. <b>2013</b> , 3-68	30
1253	Influences of surface charge, size, and concentration of colloidal nanoparticles on fabrication of self-organized porous silica in film and particle forms. <b>2013</b> , 29, 6262-70	31
1252	Surface wettability of macroporous anodized aluminum oxide. <b>2013</b> , 5, 3224-33	113

1251	Preparation of flat porous carbon films from paper-thin wood shavings and control of their mechanical, electrical and magnetic properties. <b>2013</b> , 61, 260-269	5
1250	Fabrication of Hierarchical Macroporous/Mesoporous Carbons via the Dual-Template Method and the Restriction Effect of Hard Template on Shrinkage of Mesoporous Polymers. <b>2013</b> , 117, 8784-8792	22
1249	Carbon/carbon supercapacitors. <b>2013</b> , 22, 226-240	220
1248	Mesoporous carbon as a novel drug carrier of fenofibrate for enhancement of the dissolution and oral bioavailability. <b>2013</b> , 452, 382-9	52
1247	Functional zeolitic-imidazolate-framework-templated porous carbon materials for CO <sub>2</sub> capture and enhanced capacitors. <b>2013</b> , 8, 1879-85	110
1246	One-pot synthesis of tin-embedded carbon/silica nanocomposites for anode materials in lithium-ion batteries. <b>2013</b> , 7, 1036-44	121
1245	One-pot preparation and CO <sub>2</sub> adsorption modeling of porous carbon, metal oxide, and hybrid beads. <b>2013</b> , 5, 5009-14	9
1244	Nanocarbons for the development of advanced catalysts. <b>2013</b> , 113, 5782-816	1005
1243	Improving Hydrothermal Carbonization by Using Poly(ionic liquid)s. <b>2013</b> , 125, 6144-6148	30
1242	Sulfur-containing activated carbons with greatly reduced content of bottle neck pores for double-layer capacitors: a case study for pseudocapacitance detection. <b>2013</b> , 6, 2465	262
1241	A Controllable Synthesis of Rich Nitrogen-Doped Ordered Mesoporous Carbon for CO <sub>2</sub> Capture and Supercapacitors. <b>2013</b> , 23, 2322-2328	783
1240	General Introduction. <b>2013</b> , 1-11	
1239	Fabrication of Activated Carbon Monoliths with Well-Defined Macropores Derived from Sulfonated Poly(divinylbenzene) Networks. <b>2013</b> , 61-78	
1238	Precisely controlled resorcinol-formaldehyde resin coating for fabricating core-shell, hollow, and yolk-shell carbon nanostructures. <b>2013</b> , 5, 6908-16	123
1237	Nanoparticle adhesion in proton exchange membrane fuel cell electrodes. <b>2013</b> , 241, 634-646	19
1236	Functional porous carbon-based composite electrode materials for lithium secondary batteries. <b>2013</b> , 22, 214-225	40
1235	Ordered mesoporous carbon nanochannel reactors for high-performance Fischer-Tropsch synthesis. <b>2013</b> , 49, 5141-3	52
1234	Self-Healing and Antifouling Multifunctional Coatings Based on pH and Sulfide Ion Sensitive Nanocontainers. <b>2013</b> , 23, 3307-3314	105

1233	Ultrahigh-efficiency photocatalysts based on mesoporous Pt-WO <sub>3</sub> nanohybrids. <b>2013</b> , 15, 6773-8	46
1232	Magnetic porous carbons with high adsorption capacity synthesized by a microwave-enhanced high temperature ionothermal method from a Fe-based metal-organic framework. <b>2013</b> , 59, 372-382	110
1231	Amphiphile nanoarchitectonics: from basic physical chemistry to advanced applications. <b>2013</b> , 15, 10580-611	268
1230	Nitrogen-rich porous adsorbents for CO <sub>2</sub> capture and storage. <b>2013</b> , 8, 1680-91	86
1229	MgO modified nanoporous carbon composites for methanol separation. <b>2013</b> , 3, 10396	7
1228	Preparation Method of Co <sub>3</sub> O <sub>4</sub> Nanoparticles Using Ordered Mesoporous Carbons as a Template and Their Application for Fischer-Tropsch Synthesis. <b>2013</b> , 117, 1773-1779	33
1227	Enhanced electrical capacitance of porous carbon nanofibers derived from polyacrylonitrile and boron trioxide. <b>2013</b> , 88, 597-603	30
1226	Synthesis of hierarchical fiberlike ordered mesoporous carbons with excellent electrochemical capacitance performance by a strongly acidic aqueous cooperative assembly route. <b>2013</b> , 1, 15447	29
1225	Facile Preparation of Monodisperse Carbon Spheres: Template-Free Construction and Their Hydrogen Storage Properties. <b>2013</b> , 1, 1063-1068	26
1224	Porous carbon nanoparticle networks with tunable absorbability. <b>2013</b> , 3, 2524	48
1223	Carbon-Based Nanomaterials. <b>2013</b> , 115-144	1
1222	Ordered Mesoporous Carbon Nano Spheres as Electrode Material for Supercapacitors. <b>2013</b> , 320, 661-664	0
1221	Direct prototyping of patterned nanoporous carbon: a route from materials to on-chip devices. <b>2013</b> , 3, 2294	55
1220	Synthesis and electromagnetic interference shielding effectiveness of ordered mesoporous carbon filled poly(methyl methacrylate) composite films. <b>2013</b> , 3, 23715	24
1219	Porous Carbons from Plastic Waste. <b>2013</b> , 1-25	10
1218	Cobalt monoxide-doped porous graphitic carbon microspheres for supercapacitor application. <b>2013</b> , 3, 2925	41
1217	TiO <sub>2</sub> -nanoparticles-impregnated photocatalytic macroporous carbon films by spin coating. <b>2013</b> , 2, 121-133	14
1216	Ordered Porous Nanomaterials: The Merit of Small. <b>2013</b> , 2013, 1-29	8

1215	Comparison of Single-Walled and Multiwalled Carbon Nanotubes Durability as Pt Support in Gas Diffusion Electrodes. <b>2013</b> , 2013, 1-7	19
1214	Emerging sensor technologies for monitoring water quality. <b>2013</b> , 66-84	7
1213	Grand Challenges in Carbon-Based Materials Research. <b>2014</b> , 1,	4
1212	Towards vaporized molecular discrimination: a quartz crystal microbalance (QCM) sensor system using cobalt-containing mesoporous graphitic carbon. <b>2014</b> , 9, 3238-44	32
1211	Cross-linked polymers of diethynylbenzene and phenylacetylene as new polymer precursors for high-yield synthesis of high-performance nanoporous activated carbons for supercapacitors, hydrogen storage, and CO <sub>2</sub> capture. <b>2014</b> , 2, 20316-20330	33
1210	Preparation of activated carbon monolith by application of phenolic resins as carbon precursors. <b>2014</b> , 07, 1450035	1
1209	Metal-Organic Frameworks: Gas Storage. <b>2014</b> , 1-19	1
1208	Preparation of Carbon Monoliths by a Simple Polymer Blend Technique. <b>2014</b> , 700, 125-131	
1207	Effects of Mixed Template on Pore Structure of Order of Crack-Free Monolithic Mesoporous Carbon. <b>2014</b> , 926-930, 85-88	
1206	Hierarchical mesoporous/microporous carbon with graphitized frameworks for high-performance lithium-ion batteries. <b>2014</b> , 2, 113302	15
1205	Nanocasting hierarchical carbide-derived carbons in nanostructured opal assemblies for high-performance cathodes in lithium-sulfur batteries. <b>2014</b> , 8, 12130-40	74
1204	Large-scale synthesis of mesoporous carbon microspheres with controllable structure and nitrogen doping using a spray drying method. <b>2014</b> , 4, 62662-62665	18
1203	Structural Control in Block Copolymer-Templated Nanoporous Carbon Films. <b>2014</b> , 35-60	
1202	Remarkable gas adsorption by carbonized nitrogen-rich hypercrosslinked porous organic polymers. <b>2014</b> , 2, 15139-15145	70
1201	Fabrication of symmetric supercapacitors based on MOF-derived nanoporous carbons. <b>2014</b> , 2, 19848-19854	376
1200	ZIF-8 Derived Graphene-Based Nitrogen-Doped Porous Carbon Sheets as Highly Efficient and Durable Oxygen Reduction Electrocatalysts. <b>2014</b> , 126, 14459-14463	69
1199	Preparation and characterisation of large sized ordered mesoporous carbon film from resorcinol/formaldehyde by basic catalysts. <b>2014</b> , 18, 294-299	2
1198	Effect of Polymerization Time on the Pore Size Distribution and Adsorption Behavior of Ordered Mesoporous Carbons. <b>2014</b> , 1033-1034, 416-419	

1197	Porous Carbons for Carbon Dioxide Capture. <b>2014</b> , 15-77	11
1196	Pore Size Control of Ordered Mesoporous Carbons and Adsorption Performance of Dye Molecules. <b>2014</b> , 548-549, 38-42	1
1195	Preparation of porous nanocarbons with tunable morphology and pore size from copolymer templated precursors. <b>2014</b> , 1, 121-124	27
1194	Porous organic/inorganic hybrid aerogels based on bridging acetylacetonate. <b>2014</b> , 187, 108-113	20
1193	Synthesis and evaluation of biochar-derived catalysts for removal of toluene (model tar) from biomass-generated producer gas. <b>2014</b> , 66, 346-353	91
1192	Aromatic polyamides as new precursors of nitrogen and oxygen-doped ordered mesoporous carbons. <b>2014</b> , 70, 119-129	53
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1189	Carbon dioxide adsorption performance of ultramicroporous carbon derived from poly(vinylidene fluoride). <b>2014</b> , 106, 147-151	22
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1187	Hierarchical nanowires for high-performance electrochemical energy storage. <b>2014</b> , 9, 303-322	16
1186	Evaluation of various silver-containing dressing on infected excision wound healing study. <b>2014</b> , 25, 1375-86	18
1185	A rational template carbonization method for producing highly porous carbon for supercapacitor application. <b>2014</b> , 117, 55-61	27
1184	Micrometer-sized mesoporous diamond spherical particles. <b>2014</b> , 43, 72-79	9
1183	Correlation between pore-expanding and dye adsorption of platelet C/SBA-15 prepared by carbonization and oxidation of P123-TMB/SBA-15 composites. <b>2014</b> , 70, 451-463	6
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1180	Diesel soot combustion ceria catalysts. <b>2014</b> , 146, 1-11	301

1179	Porous graphene materials for advanced electrochemical energy storage and conversion devices. <i>Advanced Materials</i> , <b>2014</b> , 26, 849-64	24	545
1178	Tin oxide - mesoporous carbon composites as platinum catalyst supports for ethanol oxidation and oxygen reduction. <b>2014</b> , 121, 421-427		20
1177	Mesoporous carbon nanofibers with large cage-like pores activated by tin dioxide and their use in supercapacitor and catalyst support. <b>2014</b> , 70, 295-307		101
1176	Fabrication of nitrogen-doped hierarchically porous carbons through a hybrid dual-template route for CO <sub>2</sub> capture and haemoperfusion. <b>2014</b> , 76, 84-95		85
1175	Carbon as catalyst and support for electrochemical energy conversion. <b>2014</b> , 75, 5-42		359
1174	A CVD route for the preparation of templated and activated carbons for gas storage applications using zeolitic imidazolate frameworks (ZIFs) as template. <b>2014</b> , 195, 258-265		25
1173	From metal-organic framework to nitrogen-decorated nanoporous carbons: high CO <sub>2</sub> uptake and efficient catalytic oxygen reduction. <b>2014</b> , 136, 6790-3		471
1172	Colloidal Crystal Templates Direct the Morphologies of Fabricated Porous Cuprous Oxide Particles. <b>2014</b> , 26, 3084-3088		10
1171	Nanofibrillar alginic acid-derived hierarchical porous carbon supercapacitors. <b>2014</b> , 92, 796-802		1
1170	Synthesis of nanoporous carbon-cobalt-oxide hybrid electrocatalysts by thermal conversion of metal-organic frameworks. <b>2014</b> , 20, 4217-21		226
1169	Always look on the "light" side of life: sustainable carbon aerogels. <b>2014</b> , 7, 670-89		128
1168	One-pot synthesis of ordered mesoporous silver nanoparticle/carbon composites for catalytic reduction of 4-nitrophenol. <b>2014</b> , 423, 54-9		71
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1166	Water and small organic molecules as probes for geometric confinement in well-ordered mesoporous carbon materials. <b>2014</b> , 16, 9327-36		32
1165	Nitrogen-doped porous carbon/Co <sub>3</sub> O <sub>4</sub> nanocomposites as anode materials for lithium-ion batteries. <b>2014</b> , 6, 7117-25		190
1164	Recent Progress on Mesoporous Carbon Materials for Advanced Energy Conversion and Storage. <b>2014</b> , 31, 515-539		73
1163	Zeolites and mesoporous materials in fuel cell applications. <b>2014</b> , 236, 182-205		55
1162	Polymer-directed synthesis of metal oxide-containing nanomaterials for electrochemical energy storage. <b>2014</b> , 6, 106-21		36

1161	Microporosity development in phenolic resin-based mesoporous carbons for enhancing CO <sub>2</sub> adsorption at ambient conditions. <b>2014</b> , 289, 592-600	27
1160	Nanoporous Carbon Membranes and Webs. <b>2014</b> , 215-236	2
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1156	Hierarchically porous carbons with partially graphitized structures for high rate supercapacitors. <b>2014</b> , 49, 363-370	11
1155	Facile synthesis of three-dimensional porous carbon with high surface area by calcining metal-organic framework for lithium-ion batteries anode materials. <b>2014</b> , 4, 61604-61610	42
1154	Facile synthesis of reduced graphene oxide/CoWO <sub>4</sub> nanocomposites with enhanced electrochemical performances for supercapacitors. <b>2014</b> , 150, 23-34	90
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1151	ZIF-8 derived graphene-based nitrogen-doped porous carbon sheets as highly efficient and durable oxygen reduction electrocatalysts. <b>2014</b> , 53, 14235-9	724
1150	Entropically favored adsorption of cellulosic molecules onto carbon materials through hydrophobic functionalities. <b>2014</b> , 7, 1443-50	78
1149	PtRu nanoparticles supported on nitrogen-doped polyhedral mesoporous carbons as electrocatalyst for methanol oxidation. <b>2014</b> , 25, 135607	17
1148	Creation of mesopores in carbon nanotubes with improved capacities for lithium ion batteries. <b>2014</b> , 16, 25071-5	3
1147	A novel strategy to synthesize hierarchical, porous carbohydrate-derived carbon with tunable properties. <b>2014</b> , 6, 13510-7	28
1146	Formation of nitrogen-doped mesoporous graphitic carbon with the help of melamine. <b>2014</b> , 6, 20574-8	36
1145	Toward a green way for the chemical production of supported graphenes using porous solids. <b>2014</b> , 2, 2009-2017	24
1144	Hydrothermal synthesis of ordered mesoporous carbons from a biomass-derived precursor for electrochemical capacitors. <b>2014</b> , 6, 14657-61	84

1143	Synthesis and electrochemical performance of porous carbon by carbonizing PF/PMMA interpenetrating polymer networks. <b>2014</b> , 148, 203-210	22
1142	Cellulose-based hydrophobic carbon aerogels as versatile and superior adsorbents for sewage treatment. <b>2014</b> , 4, 45753-45759	59
1141	Updating biomass into functional carbon material in ionothermal manner. <b>2014</b> , 6, 12515-22	81
1140	Catalyst-free soft-template synthesis of ordered mesoporous carbon tailored using phloroglucinol/glyoxylic acid environmentally friendly precursors. <b>2014</b> , 16, 3079	59
1139	Interface chemistry engineering in electrode systems for electrochemical energy storage. <b>2014</b> , 4, 37491-37502	
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1137	Mesoporous graphene-like carbon sheet: high-power supercapacitor and outstanding catalyst support. <b>2014</b> , 2, 12262-12269	69
1136	An efficient one-step condensation and activation strategy to synthesize porous carbons with optimal micropore sizes for highly selective CO <sub>2</sub> adsorption. <b>2014</b> , 6, 4148-56	70
1135	Anemone-like nanostructures for non-lithographic, reproducible, large-area, and ultra-sensitive SERS substrates. <b>2014</b> , 6, 12710-7	15
1134	Synthesis of nitrogen and boron co-doped carbon (CNB) and their CO <sub>2</sub> capture properties: from porous to hollow granule structure. <b>2014</b> , 2, 16645-16651	24
1133	Straightforward synthesis of a triazine-based porous carbon with high gas-uptake capacities. <b>2014</b> , 2, 14201	48
1132	Effects of nitrogen doping on supercapacitor performance of a mesoporous carbon electrode produced by a hydrothermal soft-templating process. <b>2014</b> , 2, 11753	97
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1130	A direct novel synthesis of highly uniform dispersed ruthenium nanoparticles over P6mm ordered mesoporous carbon by host-guest complexes. <b>2014</b> , 2, 6641-6648	11
1129	N-Doped carbon spheres with hierarchical micropore-nanosheet networks for high performance supercapacitors. <b>2014</b> , 50, 12091-4	86
1128	Facile Fabrication of Composition-Tuned Ru <sub>2</sub> Ni Bimetallics in Ordered Mesoporous Carbon for Levulinic Acid Hydrogenation. <b>2014</b> , 4, 1419-1425	111
1127	Vanadium nitride@N-doped carbon nanocomposites: tuning of pore structure and particle size through salt templating and its influence on supercapacitance in ionic liquid media. <b>2014</b> , 4, 26981-26989	39
1126	Core-Shell Catalysts of Metal Nanoparticle Core and Metal-Organic Framework Shell. <b>2014</b> , 4, 4409-4419	281



1125	Solvothermal synthesis of orthorhombic Sb <sub>2</sub> WO <sub>6</sub> hierarchical structures and their visible-light-driven photocatalytic activity. <b>2014</b> , 43, 8439-45	20
1124	Monodispersed N-doped carbon nanospheres for supercapacitor application. <b>2014</b> , 6, 13968-76	179
1123	Pyrolysis reaction of squaric acid: A one-step method for producing expanded foam of mesoporous carbon. <b>2014</b> , 137, 233-236	3
1122	New insight into modulated up-conversion luminescent silica nanotubes as efficient adsorbents for colored effluents. <b>2014</b> , 43, 15457-64	9
1121	Porous carbon-modified electrodes as highly selective and sensitive sensors for detection of dopamine. <b>2014</b> , 139, 4994-5000	47
1120	Integrated Experimental and Computational Studies of Energy-relevant Interfaces. <b>2014</b> , 53, 32-38	
1119	Nanoporous nonwoven fibril-like morphology by cooperative self-assembly of poly(ethylene oxide)-block-poly(ethyl acrylate)-block-polystyrene and phenolic resin. <b>2014</b> , 30, 2530-40	16
1118	Synthesis of nitrogen-containing ordered mesoporous carbon as a metal-free catalyst for selective oxidation of ethylbenzene. <b>2014</b> , 50, 9182-4	62
1117	Pig Bone Derived Hierarchical Porous Carbon-Supported Platinum Nanoparticles with Superior Electrocatalytic Activity Towards Oxygen Reduction Reaction. <b>2014</b> , 26, 1831-1839	23
1116	Nanoporous rice husk derived carbon for gas storage and high performance electrochemical energy storage. <b>2014</b> , 21, 839-847	59
1115	One-step electrodeposited nickel cobalt sulfide nanosheet arrays for high-performance asymmetric supercapacitors. <b>2014</b> , 8, 9531-41	599
1114	Triclosan removal by laccase immobilized on mesoporous nanofibers: Strong adsorption and efficient degradation. <b>2014</b> , 255, 63-70	73
1113	Hierarchically porous carbon membranes containing designed nanochannel architectures obtained by pyrolysis of ion-track etched polyimide. <b>2014</b> , 148, 846-853	8
1112	Diaminohexane-assisted preparation of coral-like, poly(benzoxazine)-based porous carbons for electrochemical energy storage. <b>2014</b> , 6, 11101-9	19
1111	Porous Inorganic Materials as Potential Supports for Ionic Liquids. <b>2014</b> , 37-74	
1110	Methane storage in zeolite-like carbon materials. <b>2014</b> , 188, 16-22	43
1109	Fructose and Urea as Precursors for N/O-Modified Mesoporous Carbon with Enhanced Sorption Capacity for Heavy Metal Ions. <b>2014</b> , 2014, 2787-2792	11
1108	Tailored design of functional nanoporous carbon materials toward fuel cell applications. <b>2014</b> , 9, 305-323	230

1107	Improved cyclability of a lithium-sulfur battery using POP-sulfur composite materials. <b>2014</b> , 4, 27518-27521	18
1106	Mesoporous carbon with large pores as anode for Na-ion batteries. <b>2014</b> , 59, 2186-2190	34
1105	Improving the specific capacitance of carbon nanotubes-based supercapacitors by combining introducing functional groups on carbon nanotubes with using redox-active electrolyte. <b>2014</b> , 115, 183-188	66
1104	Low-Temperature Synthesis of Mesoporous Cobalt(II) Carbide Using Graphene Oxide as a Carbon Source. <b>2014</b> , 118, 4726-4732	11
1103	Facile Synthesis of Highly Electrocapacitive Nitrogen-Doped Graphitic Porous Carbons. <b>2014</b> , 118, 9357-9367	71
1102	Electrochemical behavior of zinc oxide-based porous carbon composite nanofibers as an electrode for electrochemical capacitors. <b>2014</b> , 730, 1-9	15
1101	Structure and electrochemical performance of highly nanoporous carbons from benzoate-metal complexes by a template carbonization method for supercapacitor application. <b>2014</b> , 72, 410-420	50
1100	Silica-pillared graphene sheets with iron-nitrogen units as an oxygen reduction catalyst. <b>2014</b> , 66, 327-333	12
1099	Electric double-layer capacitors based on highly graphitized nanoporous carbons derived from ZIF-67. <b>2014</b> , 20, 7895-900	344
1098	Functional materials derived from open framework templates/precursors: synthesis and applications. <b>2014</b> , 7, 2071	536
1097	ZnO-CoO Nanoparticles Encapsulated in 3D Porous Carbon Microspheres for High-performance Lithium-Ion Battery Anodes. <b>2014</b> , 135, 224-231	31
1096	Biomass-derived highly porous functional carbon fabricated by using a free-standing template for efficient removal of methylene blue. <b>2014</b> , 154, 138-47	113
1095	Preparation and characterization of nanoporous carbon-supported platinum as anode electrocatalyst for direct borohydride fuel cell. <b>2014</b> , 39, 6729-6736	34
1094	Enlargement of uniform micropores in hierarchically ordered micro-mesoporous carbon for high level decontamination of bisphenol A. <b>2014</b> , 2, 8534	62
1093	The development of chiral nematic mesoporous materials. <b>2014</b> , 47, 1088-96	223
1092	Synthesis of carbon with bimodal porosity by simultaneous polymerization of furfuryl alcohol and phloroglucinol. <b>2014</b> , 196, 235-242	11
1091	Porous Molecular Solids. <b>2014</b> , 329-347	1
1090	Facile preparation of N-doped carbon nanofiber aerogels from bacterial cellulose as an efficient oxygen reduction reaction electrocatalyst. <b>2014</b> , 35, 877-883	32

1089	Recycle of calcium waste into mesoporous carbons as sustainable electrode materials for capacitive deionization. <b>2014</b> , 183, 91-98	26
1088	Controlled synthesis of NiCo nanoalloys embedded in ordered porous carbon by a novel soft-template strategy. <b>2014</b> , 67, 260-272	39
1087	Activated carbon made from cow dung as electrode material for electrochemical double layer capacitor. <b>2014</b> , 262, 224-231	213
1086	Highly nanoporous carbon derived from potassium biphtalate by a template carbonization method. <b>2014</b> , 125, 652-658	3
1085	Biomass Gasication and Syngas Utilization. <b>2014</b> , 355-374	1
1084	Bioelectrocatalytic Oxidation of Glucose on MgO-templated Mesoporous Carbon-modified Electrode. <b>2014</b> , 43, 928-930	19
1083	Developments in Silica-Based Nanoporous Materials. <b>2014</b> , 64, 2-13	
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527	Controlled fabrication of nitrogen-doped carbon hollow nanospheres for high-performance supercapacitors. <b>2019</b> , 144, 104349	1
526	Actinide and Lanthanide Adsorption onto Hierarchically Porous Carbons Beads: A High Surface Affinity for Pu. <b>2019</b> , 9,	4
525	Alkali-activated electrospun carbon nanofibers as an efficient bifunctional adsorbent for cationic and anionic dyes. <b>2019</b> , 582, 123835	20
524	Thiol-ene polymerization for hierarchically porous hybrid materials by adding degradable polycaprolactone for adsorption of bisphenol A. <b>2019</b> , 367, 465-472	7
523	Synthesis of light weight, high strength biomass-derived composite aerogels with low thermal conductivities. <b>2019</b> , 26, 8699-8712	10
522	Multimicelle aggregate mechanism for spherical multimolecular micelles: from theories, characteristics and properties to applications. <b>2019</b> , 3, 1994-2009	19
521	Kinetics-controlled synthesis of hierarchically porous materials with tunable properties from diverse building blocks. <b>2019</b> , 155, 611-617	8
520	An Effective Strategy to Obtain Highly Porous Alumina Powders Having Robust and Designable Extra-Large Pores. <b>2019</b> , 92, 1859-1866	5
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518	Nitrogen/oxygen co-doped porous carbons derived from a facilely-synthesized Schiff-base polymer for high-performance supercapacitor. <b>2019</b> , 26, 100961	20
517	Nano-inclusion in one step: spontaneous ice-templating of porous hierarchical nanocomposites for selective hydrogen release. <b>2019</b> , 3, 396-400	7
516	Vanadium-based nanowires for sodium-ion batteries. <b>2019</b> , 30, 192001	6
515	Synthesis of n-doped mesoporous carbon by silica assistance as electrode for supercapacitor. <b>2019</b> , 30, 3214-3221	8
514	A novel coral structured porous-like amorphous carbon derived from zinc-based fluorinated metal-organic framework as superior cathode material for high performance supercapacitors. <b>2019</b> , 414, 401-411	36

513	Bismuth nanospheres embedded in three-dimensional (3D) porous graphene frameworks as high performance anodes for sodium- and potassium-ion batteries. <b>2019</b> , 7, 4913-4921	121
512	From Supramolecular Species to Self-Templated Porous Carbon and Metal-Doped Carbon for Oxygen Reduction Reaction Catalysts. <b>2019</b> , 131, 5017-5021	6
511	From Supramolecular Species to Self-Templated Porous Carbon and Metal-Doped Carbon for Oxygen Reduction Reaction Catalysts. <b>2019</b> , 58, 4963-4967	47
510	Synthesis of rich fluffy porous carbon spheres by dissolution-reassembly method for supercapacitors. <b>2019</b> , 30, 3316-3324	4
509	New and Advanced Porous Carbon Materials in Fine Chemical Synthesis. Emerging Precursors of Porous Carbons. <b>2019</b> , 9, 133	34
508	Binder-Free Modification of a Glassy Carbon Electrode by Using Porous Carbon for Voltammetric Determination of Nitro Isomers. <b>2019</b> , 4, 8907-8918	12
507	Mechanochemical assisted synthesis of heteroatoms inherited highly porous carbon from biomass for electrochemical capacitor and oxygen reduction reaction electrocatalysis. <b>2019</b> , 317, 1-9	26
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505	Preparing Nitrogen-Doped Multiwalled Carbon Nanotubes with Regionally Controllable Heterojunction Structure by Nondestructive Postdoping with the Assistance of Heating Fluorination. <b>2019</b> , 123, 16439-16448	5
504	The mechanistic role of a support-catalyst interface in electrocatalytic water reduction by CoO supported nanocarbon florets. <b>2019</b> , 11, 13532-13540	8
503	Tunable Synthesis of Hollow Metal-Nitrogen-Carbon Capsules for Efficient Oxygen Reduction Catalysis in Proton Exchange Membrane Fuel Cells. <b>2019</b> , 13, 8087-8098	68
502	Substantial LIB Anode Performance of Graphitic Carbon Nanoflakes Derived from Biomass Green-Tea Waste. <b>2019</b> , 9,	27
501	Designed self-assembly of iron encapsulated doped porous carbon as durable electrocatalyst for oxygen reduction reaction in alkaline medium. <b>2019</b> , 152, 616-630	3
500	Experimental verification of pore impedance theory: Drilled graphite electrodes with gradually more complex pore size distribution. <b>2019</b> , 317, 528-541	6
499	Carbon composite membrane derived from MIL-125-NH MOF for the enhanced extraction of emerging pollutants. <b>2019</b> , 231, 510-517	15
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497	Metal-free core-shell structured N-doped carbon/carbon heterojunction for efficient CO <sub>2</sub> capture. <b>2019</b> , 150, 43-51	13
496	Computational screening of electrolyte materials: status quo and open problems. <b>2019</b> , 23, 58-69	18

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494	Thermal conductivity and fire-retardant response in graphite foam made from coal tar pitch derived semi coke. <b>2019</b> , 172, 121-130	9
493	A multicolor electrochromic device having hybrid capacitor architecture with a porous carbon electrode. <b>2019</b> , 200, 109914	10
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491	FABRICATION PROCEDURE FOR POROUS CARBON MATERIAL WITH THREE DIMENSIONALLY NETWORKED STRUCTURE. <b>2019</b> , 77-86	0
490	Chlorella-derived activated carbon with hierarchical pore structure for energy storage materials and adsorbents. <b>2019</b> , 29, 167-175	17
489	Recent development of Supercapacitor Electrode Based on Carbon Materials. <b>2019</b> , 8, 35-49	56
488	Rational Design of Carbon Nanomaterials for Electrochemical Sodium Storage and Capture. <i>Advanced Materials</i> , <b>2019</b> , 31, e1803444	24 74
487	Biomass-Derived Hierarchically Porous Carbons Abundantly Decorated with Nitrogen Sites for Efficient CO <sub>2</sub> Catalytic Utilization. <b>2019</b> , 58, 7980-7988	17
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485	Thermally etched porous carbon cloth catalyzed by metal organic frameworks as sulfur hosts for lithium-sulfur batteries. <b>2019</b> , 150, 76-84	37
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481	Pyrolysis of functional cellulose by ionothermal method to synthesis of mesoporous triazine carbon for supporting of Pd and its application. <b>2019</b> , 217, 199-206	16
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475	Biomass-derived ultrathin mesoporous graphitic carbon nanoflakes as stable electrode material for high-performance supercapacitors. <b>2019</b> , 169, 107688	56
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463	Electromagnetic Response and Energy Conversion for Functions and Devices in Low-Dimensional Materials. <b>2019</b> , 29, 1807398	372
462	Production of Materials from Sustainable Biomass Resources. <b>2019</b> ,	2
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460	In situ construction of hollow carbon spheres with N, Co, and Fe co-doping as electrochemical sensors for simultaneous determination of dihydroxybenzene isomers. <b>2019</b> , 11, 8950-8958	19

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456	Synthesis of macroporous carbon materials as anode material for high-performance lithium-ion batteries. <b>2019</b> , 30, 5092-5097	7
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453	Progress and challenges of graphene oxide/metal-organic composites. <b>2019</b> , 387, 262-272	62
452	A hybrid material composed of reduced graphene oxide and porous carbon prepared by carbonization of a zeolitic imidazolate framework (type ZIF-8) for voltammetric determination of chloramphenicol. <b>2019</b> , 186, 191	31
451	Highly ordered mesoporous carbons with high specific surface area from carbonated soft drink for supercapacitor application. <b>2019</b> , 280, 337-346	37
450	Biomass derived functional carbon from <i>Sargassum Wightii</i> seaweed for supercapacitors. <b>2019</b> , 561, 012078	4
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447	Pd model catalysts on clean and modified HOPG: Growth, adsorption properties, and stability. <b>2019</b> , 679, 64-73	12
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444	Pollen-derived porous carbon by KOH activation: Effect of physicochemical structure on CO <sub>2</sub> adsorption. <b>2019</b> , 29, 146-155	81
443	Electrochemical investigation of ionic liquid-derived porous carbon materials for supercapacitors: pseudocapitance versus electrical double layer. <b>2019</b> , 298, 541-551	25
442	Nitrogen-doped graphene/palladium nanoparticles/porous polyaniline ternary composite as an efficient electrode material for high performance supercapacitor. <b>2019</b> , 2, 246-257	15

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440	Microwave synthesis and characterization Mg(OH) <sub>2</sub> /Gr nanocomposites in the presence of sodium dodecyl sulfate (SDS) as a stabilizer agent. <b>2019</b> , 4, 100028	1
439	One-step solvothermal synthesis and electrochemical properties of graphene-supported dendritic CoNi <sub>2</sub> S <sub>4</sub> nanostructures. <b>2019</b> , 30, 108-119	4
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432	Detection of trace Cd <sup>2+</sup> , Pb <sup>2+</sup> and Cu <sup>2+</sup> ions via porous activated carbon supported palladium nanoparticles modified electrodes using SWASV. <b>2019</b> , 225, 433-442	29
431	Hydrothermal Synthesis of Cellulose-Derived Carbon Nanospheres from Corn Straw as Anode Materials for Lithium ion Batteries. <b>2019</b> , 9,	24
430	Synthesis of multifunctional photocatalyst vanadium oxide/activated carbon via in situ utilization of stone coal ore. <b>2019</b> , 45, 4934-4944	13
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424	Prediction of Carbon Dioxide Adsorption via Deep Learning. <b>2019</b> , 131, 265-269	19



423	Prediction of Carbon Dioxide Adsorption via Deep Learning. <b>2019</b> , 58, 259-263	39
422	A review on recent advances in hybrid supercapacitors: Design, fabrication and applications. <b>2019</b> , 101, 123-145	566
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416	An overview and outlook on gas adsorption: for the enrichment of low concentration coalbed methane. <b>2020</b> , 55, 1102-1114	5
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413	Residue metals and intrinsic moisture in excess sludge improve pore formation during its carbonization process. <b>2020</b> , 156, 320-328	25
412	Porous Materials for Catalysis. <b>2020</b> , 115-137	7
411	Magnetic nanoparticle sorbents. <b>2020</b> , 235-284	5
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406	Porous carbon particles as metal-free superior catalyst for hydrogen release from methanolysis of sodium borohydride. <b>2020</b> , 147, 69-76	22



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402	Low-Cost and Scalable Fabrication of Hierarchically Porous N-Doped Carbon for Energy Storage and Conversion Application. <b>2020</b> , 5, 533-537	6
401	Covalent grafting of p-phenylenediamine molecules onto a Bubble-like Carbon surface for high performance asymmetric supercapacitors. <b>2020</b> , 8, 1767-1778	26
400	Facile fabrication of mesoporous carbon from mixed polymer precursor of PVDF and PTFE for high-power supercapacitors. <b>2020</b> , 159, 283-291	20
399	Enhanced Electric Polarization and Polar Switching of Dipolar Aromatic Liquids Confined in Supramolecular Gel Networks. <b>2020</b> , 142, 1424-1432	7
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395	Porous Carbon Materials. <b>2020</b> , 29-95	2
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390	Low cost, catalyst free, high performance supercapacitors based on porous nano carbon derived from agriculture waste. <b>2020</b> , 32, 101829	42
389	Hybrid nanospheres with metastable silica-nanonetwork and confined phenyl for simple fabrication of high-surface-area microporous carbon materials. <b>2020</b> , 170, 658-665	4
388	Modified couple stress-based geometrically nonlinear oscillations of porous functionally graded microplates using NURBS-based isogeometric approach. <b>2020</b> , 372, 113400	53

387	Fabrication of Carbon Molecular Sieve (CMS)-based membranes: A review. <b>2020</b> , 788, 012036	0
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377	Boron-Doped Ni-Ru Supported on Nitrogen-Doped Ordered Mesoporous Carbon as Effective Electrocatalyst for Methanol Electrooxidation. <b>2020</b> , 5, 8455-8464	0
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349	Membranes for hydrogen separation: a significant review. <b>2020</b> , 107, 1859-1881	14
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
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