

# Carbon Nanotubes in Electron Donor<sup>+</sup>Acceptor Nanoc

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Electronically interacting single wall carbon nanotubeâ€“porphyrin nanohybrids. <i>Journal of Materials Chemistry</i> , 2006, 16, 62-65.	6.7	127
2	Covalently porphyrin-functionalized single-walled carbon nanotubes: a novel photoactive and optical limiting donorâ€“acceptor nanohybrid. <i>Journal of Materials Chemistry</i> , 2006, 16, 3021-3030.	6.7	211
3	Cone-End Functionalization of Carbon Nanohorns. <i>Chemistry of Materials</i> , 2006, 18, 3918-3920.	3.2	90
4	Dendrimer-Functionalized Single-Wall Carbon Nanotubes:Âˆ Synthesis, Characterization, and Photoinduced Electron Transfer. <i>Journal of the American Chemical Society</i> , 2006, 128, 12544-12552.	6.6	254
5	Interactions in Single Wall Carbon Nanotubes/Pyrene/Porphyrin Nanohybrids. <i>Journal of the American Chemical Society</i> , 2006, 128, 11222-11231.	6.6	320
6	Fullerenes. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2006, 102, 420.	0.8	4
7	Organized Assemblies of Single Wall Carbon Nanotubes and Porphyrin for Photochemical Solar Cells:Âˆ Charge Injection from Excited Porphyrin into Single-Walled Carbon Nanotubesâ€“. <i>Journal of Physical Chemistry B</i> , 2006, 110, 25477-25484.	1.2	180
8	Functionalization of CNT: synthesis and applications in photovoltaics and biology. <i>Journal of Physical Organic Chemistry</i> , 2006, 19, 531-539.	0.9	79
9	Wrapping Carbon Nanotubes in Pyrene-Containing Poly(phenylacetylene) Chains:â€“ Solubility, Stability, Light Emission, and Surface Photovoltaic Properties. <i>Macromolecules</i> , 2006, 39, 8011-8020.	2.2	158
10	Synthesis, Structure, and Optical and Electrochemical Properties of Star-Shaped Porphyrinâˆ“Triarylamine Conjugates. <i>Organic Letters</i> , 2006, 8, 4239-4242.	2.4	43
12	Fullerene Polypyridine Ligands: Synthesis, Ruthenium Complexes, and Electrochemical and Photophysical Properties. <i>Chemistry - A European Journal</i> , 2006, 12, 4241-4248.	1.7	50
13	Supramolecular Hybrids of [60]Fullerene and Single-Wall Carbon Nanotubes. <i>Chemistry - A European Journal</i> , 2006, 12, 3975-3983.	1.7	82
14	Triply Fused ZnIIâ€“Porphyrin Oligomers: Synthesis, Properties, and Supramolecular Interactions with Single-Walled Carbon Nanotubes (SWNTs). <i>Chemistry - A European Journal</i> , 2006, 12, 6062-6070.	1.7	119
15	Noncovalent Functionalization and Solubilization of Carbon Nanotubes by Using a Conjugated Znâ€“Porphyrin Polymer. <i>Chemistry - A European Journal</i> , 2006, 12, 5053-5059.	1.7	149
16	Design and Synthesis of Multifunctional Materials Based on an Ionic-Liquid Backbone. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5867-5870.	7.2	144
17	A Co-Functionalization Approach to Soluble and Functional Single-Walled Carbon Nanotubes. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2517-2522.	1.2	45
19	Efficient Synthesis of Carbon Nanotubeâ€“Nanoparticle Hybrids. <i>Advanced Functional Materials</i> , 2006, 16, 2431-2437.	7.8	110
20	Charge transport through carbon nanotubes interacting with light. <i>Semiconductor Science and Technology</i> , 2006, 21, S22-S32.	1.0	6

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21	Study of the Photoconductive and Optical Limiting Processes in Organic Nanostructures. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 467, 255-262.	0.4	8
22	Anharmonicity in single-wall carbon nanotubes as evidenced by means of extended energy loss fine structure spectroscopy analysis. <i>Physical Review B</i> , 2007, 75, .	1.1	6
23	Water Soluble Single-walled Carbon Nanotubes Using Inclusion Complex of Cyclodextrin with an Adamantane Derivative. <i>Chemistry Letters</i> , 2007, 36, 1026-1027.	0.7	11
24	Preparation, Photophysics, and Electrochemistry of Segmented Comonomers Consisting of Thiophene and Pyrimidine Units: New Monomers for Hybrid Copolymers. <i>Journal of Physical Chemistry B</i> , 2007, 111, 11407-11418.	1.2	45
25	Nondestructive Formation of Supramolecular Nanohybrids of Single-Walled Carbon Nanotubes with Flexible Porphyrinic Polypeptides. <i>Journal of Physical Chemistry C</i> , 2007, 111, 1194-1199.	1.5	75
26	Synthesis, Characterization, and Photoinduced Electron Transfer in Functionalized Single Wall Carbon Nanohorns. <i>Journal of the American Chemical Society</i> , 2007, 129, 3938-3945.	6.6	166
27	Decorating carbon nanotubes with metal or semiconductor nanoparticles. <i>Journal of Materials Chemistry</i> , 2007, 17, 2679.	6.7	622
28	Rigid-rod push-pull naphthalenediimide photosystems. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2560.	1.5	16
29	Synergistic Assembly of Dendrimer-Templated Platinum Catalysts on Nitrogen-Doped Carbon Nanotube Electrodes for Oxygen Reduction. <i>Langmuir</i> , 2007, 23, 5279-5282.	1.6	141
30	Noncovalent porphyrin-functionalized single-walled carbon nanotubes: solubilization and spectral behaviors. <i>Journal of Porphyrins and Phthalocyanines</i> , 2007, 11, 418-427.	0.4	29
31	Electrophoretic Deposition of Single-Walled Carbon Nanotubes Covalently Modified with Bulky Porphyrins on Nanostructured SnO <sub>2</sub> Electrodes for Photoelectrochemical Devices. <i>Journal of Physical Chemistry C</i> , 2007, 111, 11484-11493.	1.5	67
32	Noncovalent attachment of pyro-pheophorbidea to a carbon nanotube. <i>Chemical Communications</i> , 2007, , 519-521.	2.2	50
33	Supramolecular single-walled carbon nanotubes (SWCNTs) network polymer made by hybrids of SWCNTs and water-soluble calix[8]arenes. <i>Chemical Communications</i> , 2007, , 4776.	2.2	39
34	New synthesis of zinc tetrakis(arylethynyl)porphyrins and substituent effects on their redox chemistry. <i>Dalton Transactions</i> , 2007, , 1433.	1.6	46
35	Study of Dynamic and Nonlinear Optical Properties of Polyaniline-Fullerene-Liquid Crystal Structures. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 467, 171-180.	0.4	4
36	Direct Measurements of the Interaction between Pyrene and Graphite in Aqueous Media by Single Molecule Force Spectroscopy: Understanding the $\pi$ - $\pi$ Interactions. <i>Langmuir</i> , 2007, 23, 7911-7915.	1.6	124
37	Photoelectrochemistry of Stacked-Cup Carbon Nanotube Films. Tube-Length Dependence and Charge Transfer with Excited Porphyrin. <i>Journal of Physical Chemistry C</i> , 2007, 111, 16626-16634.	1.5	43
38	Near-Static Dielectric Polarization of Individual Carbon Nanotubes. <i>Nano Letters</i> , 2007, 7, 2729-2733.	4.5	116

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39	Polymer Solar Cells Using Single-Wall Carbon Nanotubes Modified with Thiophene Pedant Groups. <i>Journal of Physical Chemistry C</i> , 2007, 111, 18431-18438.	1.5	68
40	Catalase Immobilization on Electrospun Nanofibers: Effects of Porphyrin Pendants and Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2007, 111, 14091-14097.	1.5	52
41	Supramolecular interactions of conjugated Zn and protonated porphyrin polymer with carbon nanotubes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2007, 11, 198-204.	0.4	11
42	Retention of Intrinsic Electronic Properties of Soluble Single-Walled Carbon Nanotubes after a Significant Degree of Sidewall Functionalization by the Bingel Reaction. <i>Journal of Physical Chemistry C</i> , 2007, 111, 9734-9741.	1.5	66
43	Synthesis and photoelectrical properties of carbon nanotube dendritic porphyrin light harvesting molecule systems. <i>Diamond and Related Materials</i> , 2007, 16, 658-663.	1.8	28
44	Chemically-Responsive Sol-Gel Transition of Supramolecular Single-Walled Carbon Nanotubes (SWNTs) Hydrogel Made by Hybrids of SWNTs and Cyclodextrins. <i>Journal of the American Chemical Society</i> , 2007, 129, 4878-4879.	6.6	246
45	Visible-Light-Induced Photocatalytic Hydrogen Generation on Dye-Sensitized Multiwalled Carbon Nanotube/Pt Catalyst. <i>Journal of Physical Chemistry C</i> , 2007, 111, 11494-11499.	1.5	132
46	Single-Wall Carbon Nanotubes Bearing Covalently Linked Phthalocyanines Photoinduced Electron Transfer. <i>Journal of the American Chemical Society</i> , 2007, 129, 5061-5068.	6.6	255
47	Bond Length Effect on Odd-Electron Behavior in Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2007, 111, 10771-10779.	1.5	20
48	Effective mobility and photocurrent in carbon nanotube polymer composite photovoltaic cells. <i>Nanotechnology</i> , 2007, 18, 435702.	1.3	68
49	Theoretical study in donor-acceptor carbon nanohorn-based hybrids. <i>Chemical Physics Letters</i> , 2007, 448, 115-120.	1.2	21
50	An enzymatic glucose/O <sub>2</sub> biofuel cell: Preparation, characterization and performance in serum. <i>Electrochemistry Communications</i> , 2007, 9, 989-996.	2.3	136
51	Functional multiwalled carbon nanotube nanocomposite with iron picket-fence porphyrin and its electrocatalytic behavior. <i>Electrochemistry Communications</i> , 2007, 9, 2564-2570.	2.3	39
52	PMMA: A key macromolecular component for dielectric low- $\epsilon$ hybrid inorganic-organic polymer films. <i>European Polymer Journal</i> , 2007, 43, 673-696.	2.6	172
53	Excited-state energy transfers in single-walled carbon nanotubes functionalized with tethered pyrenes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 185, 94-100.	2.0	14
54	First-principles properties of organic polymer photovoltaic materials. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 3120-3125.	1.0	4
55	Odd electrons in molecular chemistry, surface science, and solid state magnetism. <i>International Journal of Quantum Chemistry</i> , 2007, 107, 2935-2955.	1.0	11
56	Electron Storage in Single Wall Carbon Nanotubes. Fermi Level Equilibration in Semiconductor-SWCNT Suspensions. <i>ACS Nano</i> , 2007, 1, 13-21.	7.3	377

#	ARTICLE	IF	CITATIONS
57	Carbon nanotubes and glucose oxidase bionanocomposite bridged by ionic liquid-like unit: Preparation and electrochemical properties. <i>Biosensors and Bioelectronics</i> , 2007, 23, 438-443.	5.3	85
58	Functionalized carbon nanotube-poly(arylene sulfone) composite membranes for direct methanol fuel cells with enhanced performance. <i>Journal of Power Sources</i> , 2008, 180, 63-70.	4.0	69
59	Investigation of the Inner Environment of Carbon Nanotubes with a Fullerene- $\text{N}$ itroxide Probe. <i>Small</i> , 2008, 4, 350-356.	5.2	25
60	Clusterization, Electrophoretic Deposition, and Photoelectrochemical Properties of Fullerene-Functionalized Carbon Nanotube Composites. <i>Chemistry - A European Journal</i> , 2008, 14, 4875-4885.	1.7	54
61	Novel Hybrid Materials Consisting of Regioregular Poly(3- $\text{C}$ octylthiophene)s Covalently Attached to Single-Wall Carbon Nanotubes. <i>Chemistry - A European Journal</i> , 2008, 14, 8715-8724.	1.7	32
62	Improving Photocurrent Generation: Supramolecularly and Covalently Functionalized Single-Wall Carbon Nanotubes-Polymer/Porphyrin Donor-Acceptor Nanohybrids. <i>Chemistry - A European Journal</i> , 2008, 14, 8837-8846.	1.7	65
63	Characterisation of Nanohybrids of Porphyrins with Metallic and Semiconducting Carbon Nanotubes by EPR and Optical Spectroscopy. <i>ChemPhysChem</i> , 2008, 9, 1930-1941.	1.0	16
64	Carbon Nanotube Triggered Self-Assembly of Oligo( $\text{p}$ -phenylene vinylene)s to Stable Hybrid Hydrogels. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5746-5749.	7.2	119
65	Bioinspired Superhydrophobic Coatings of Carbon Nanotubes and Linear $\text{P}$ -Systems Based on the Bottom-Up Self-Assembly Approach. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5750-5754.	7.2	155
66	Nanoarchitecturing of Activated Carbon: Facile Strategy for Chemical Functionalization of the Surface of Activated Carbon. <i>Advanced Functional Materials</i> , 2008, 18, 3613-3619.	7.8	91
67	Light-Induced Charge Transfer in Pyrene/ $\text{CdSe}$ -SWNT Hybrids. <i>Advanced Materials</i> , 2008, 20, 939-946.	11.1	165
68	Pyrenecyclodextrin-Decorated Single-Walled Carbon Nanotube Field-Effect Transistors as Chemical Sensors. <i>Advanced Materials</i> , 2008, 20, 1910-1915.	11.1	98
71	A novel density-tunable nanocomposites of CdTe quantum dots linked to dendrimer-tethered multi-wall carbon nanotubes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 966-972.	2.0	25
72	An amperometric biosensor based on a composite of single-walled carbon nanotubes, plasma-polymerized thin film, and an enzyme. <i>Biosensors and Bioelectronics</i> , 2008, 23, 827-832.	5.3	55
73	Biofunctional nanocomposite of carbon nanofiber with water-soluble porphyrin for highly sensitive ethanol biosensing. <i>Biosensors and Bioelectronics</i> , 2008, 24, 644-649.	5.3	33
74	Photophysical properties of noncovalently functionalized multi-walled carbon nanotubes with poly- $\text{p}$ -hydroxystyrene. <i>Carbon</i> , 2008, 46, 714-716.	5.4	7
75	Carbon nanomaterials synthesized using liquid petroleum gas: Analysis toward applications in hydrogen storage and production. <i>International Journal of Hydrogen Energy</i> , 2008, 33, 3102-3106.	3.8	24
76	Spectroelectrochemistry of Metalloporphyrins. , 2008, , 91-122.		6

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77	Supramolecular Functionalization of Single-Walled Carbon Nanotubes with Conjugated Polyelectrolytes and Their Patterning on Surfaces. <i>Macromolecules</i> , 2008, 41, 9869-9874.	2.2	44
78	Photoinduced Charge Separation in Riboflavin/Carbon Nanotubes Superstructures. <i>Journal of Physical Chemistry C</i> , 2008, 112, 13000-13003.	1.5	10
79	Heterocyclic Supramolecular Chemistry of Fullerenes and Carbon Nanotubes. <i>Topics in Heterocyclic Chemistry</i> , 2008, , 161-198.	0.2	4
80	Carbon nanotubes: a multi-functional material for organic optoelectronics. <i>Journal of Materials Chemistry</i> , 2008, 18, 1183.	6.7	130
81	Multipurpose Organically Modified Carbon Nanotubes: From Functionalization to Nanotube Composites. <i>Journal of the American Chemical Society</i> , 2008, 130, 8733-8740.	6.6	209
82	Cutting carbon nanotubes for solar cell application. <i>Applied Physics Letters</i> , 2008, 92, 123508.	1.5	31
83	Self-assembled tetrapyrroleâ€“fullerene and tetrapyrroleâ€“carbon nanotube donorâ€“acceptor hybrids for light induced electron transfer applications. <i>Journal of Materials Chemistry</i> , 2008, 18, 1440.	6.7	153
84	Functionalized carbon nanotubes responsive to environmental stimuli. <i>Journal of Materials Chemistry</i> , 2008, 18, 1831.	6.7	31
85	A Donorâ€“Nanotube Paradigm for Nonlinear Optical Materials. <i>Nano Letters</i> , 2008, 8, 2814-2818.	4.5	106
86	Structural and Photophysical Properties of Self-Assembled Porphyrin Nanoassemblies Organized by Ethylene Glycol Derivatives. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19209-19216.	1.5	46
87	Simulation Study of Noncovalent Hybridization of Carbon Nanotubes by Single-Stranded DNA in Water. <i>Journal of Physical Chemistry B</i> , 2008, 112, 16076-16089.	1.2	71
88	A Tunable Photosensor. <i>Journal of the American Chemical Society</i> , 2008, 130, 16996-17003.	6.6	57
89	Recent Advances in the Covalent Functionalization of Carbon Nanotubes. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 483, 21-32.	0.4	21
90	Fullerene (C60) decoration in oxygen plasma treated multiwalled carbon nanotubes for photovoltaic application. <i>Applied Physics Letters</i> , 2008, 92, 063508.	1.5	43
91	Carbon nanotube-modified electrodes for solar energy conversion. <i>Energy and Environmental Science</i> , 2008, 1, 120.	15.6	176
92	The nano-forms of carbon. <i>Journal of Materials Chemistry</i> , 2008, 18, 1417.	6.7	234
93	Facile Decoration of Functionalized Single-Wall Carbon Nanotubes with Phthalocyanines via â€œClick Chemistryâ€•. <i>Journal of the American Chemical Society</i> , 2008, 130, 11503-11509.	6.6	308
94	Photofunctional nanomaterials composed of multiporphyrins and carbon-based ĩ€-electron acceptors. <i>Journal of Materials Chemistry</i> , 2008, 18, 1427.	6.7	306

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95	Pyrene-tetrathiafulvalene supramolecular assembly with different types of carbon nanotubes. <i>Journal of Materials Chemistry</i> , 2008, 18, 1498.	6.7	63
96	Intramolecular Charge-Transfer Dynamics in Covalently Linked Perylene <sup>3,4,9,10</sup> -tetracarboxylic Dimethylaniline and Cyanoperylene <sup>3,4,9,10</sup> -tetracarboxylic Dimethylaniline. <i>Journal of Physical Chemistry A</i> , 2008, 112, 9665-9674.	1.1	59
97	Heck reaction on single-walled carbon nanotubes. Synthesis and photochemical properties of a wall functionalized SWNT-anthracene derivative. <i>Journal of Materials Chemistry</i> , 2008, 18, 1592.	6.7	22
98	Electronic Interactions and Polymer Effect in the Functionalization and Solvation of Carbon Nanotubes by Pyrene- and Ferrocene-Containing Poly(1-alkyne)s. <i>Macromolecules</i> , 2008, 41, 701-707.	2.2	95
99	Spatial Disposition of Dye Molecules within Metal Oxide Nanotubes. <i>Chemistry of Materials</i> , 2008, 20, 4998-5004.	3.2	14
100	Solvent-Controlled Photoinduced Electron Transfer between Porphyrin and Carbon Nanotubes. <i>Journal of Organic Chemistry</i> , 2008, 73, 2163-2168.	1.7	16
101	Soluble, Discrete Supramolecular Complexes of Single-Walled Carbon Nanotubes with Fluorene-Based Conjugated Polymers. <i>Macromolecules</i> , 2008, 41, 2304-2308.	2.2	120
102	Laser-Induced Change in the Refractive Index in the Systems Based on Nanostructured Polyimide: Comparative Study with Other Photosensitive Structures. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 486, 1/[1043]-11/[1053].	0.4	23
103	Processable Hybrids of Ferrocene-Containing Poly(phenylacetylene)s and Carbon Nanotubes: Fabrication and Properties. <i>Journal of Physical Chemistry B</i> , 2008, 112, 8896-8905.	1.2	38
104	Photoinduced Electron Transfer and Photocurrent in Multicomponent Organic Molecular Films Containing Oriented Porphyrin-Fullerene Dyad. <i>Journal of Physical Chemistry C</i> , 2008, 112, 10256-10265.	1.5	23
105	Synthesis, Characterization and Aspects of Superhydrophobic Functionalized Carbon Nanotubes. <i>Chemistry of Materials</i> , 2008, 20, 2884-2886.	3.2	105
106	Properties of Porphyrins Assembled on the Surface of MWNTs. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 817-822.	1.3	1
107	SWNT ensembles with porphyrins and phthalocyanines: new architectures for energy conversion. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 637-644.	0.4	5
108	Ideal dipole approximation fails to predict electronic coupling and energy transfer between semiconducting single-wall carbon nanotubes. <i>Journal of Chemical Physics</i> , 2009, 130, 081104.	1.2	56
110	Metal Nitride Cluster Fullerene M <sub>3</sub> N@C <sub>80</sub> (M=Y, Sc) Based Dyads: Synthesis, and Electrochemical, Theoretical and Photophysical Studies. <i>Chemistry - A European Journal</i> , 2009, 15, 864-877.	1.7	96
111	Functionalization of Carbon Nanotubes with Water-Insoluble Porphyrin in Ionic Liquid: Direct Electrochemistry and Highly Sensitive Amperometric Biosensing for Trichloroacetic Acid. <i>Chemistry - A European Journal</i> , 2009, 15, 779-784.	1.7	82
112	A Carbon Nano <sup>+</sup> Onion <sup>-</sup> Ferrocene Donor <sup>+</sup> Acceptor System: Synthesis, Characterization and Properties. <i>Chemistry - A European Journal</i> , 2009, 15, 4419-4427.	1.7	58
113	Carbon Nanotube <sup>+</sup> Acridine Nanohybrids: Spectroscopic Characterization of Photoinduced Electron Transfer. <i>Chemistry - A European Journal</i> , 2009, 15, 3882-3888.	1.7	12

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114	Synthesis, Characterization, Redox Properties, and Photodynamics of Donor–Acceptor Nanohybrids Composed of Size-Controlled Cup-Shaped Nanocarbons and Porphyrins. <i>Chemistry - A European Journal</i> , 2009, 15, 9160-9168.	1.7	17
115	Supramolecular Chemistry at Interfaces: Molecular Recognition on Nanopatterned Porous Surfaces. <i>Chemistry - A European Journal</i> , 2009, 15, 7004-7025.	1.7	247
116	A Miniature Glucose/O <sub>2</sub> Biofuel Cell With a High Tolerance Against Ascorbic Acid. <i>Fuel Cells</i> , 2009, 9, 85-91.	1.5	56
117	Pyrene Containing Polymers for the Non-Covalent Functionalization of Carbon Nanotubes. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 1528-1535.	1.1	43
118	High-Performance Carbon Nanotube-Reinforced Bioplastic. <i>Macromolecular Materials and Engineering</i> , 2009, 294, 839-846.	1.7	14
120	Single-Molecule-Magnet Carbon-Nanotube Hybrids. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 746-750.	7.2	90
121	Nanoscale Integration of Sensitizing Chromophores and Porphyrins with Bacteriophage MS2. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9498-9502.	7.2	66
122	Single-Walled Carbon-Nanotube Dispersion with Electrostatically Tethered Nanoplatelets. <i>Small</i> , 2009, 5, 2692-2697.	5.2	21
123	A novel hydrazine electrochemical sensor based on a carbon nanotube-wired ZnO nanoflower-modified electrode. <i>Electrochimica Acta</i> , 2009, 55, 178-182.	2.6	201
124	Photoinduced charge transfer through films containing poly(hexylthiophene), phthalocyanine, and porphyrin–fullerene layers. <i>Thin Solid Films</i> , 2009, 517, 2988-2993.	0.8	19
125	Carbon nanotube–fluorenevinylene hybrids: Synthesis and photophysical properties. <i>Chemical Physics Letters</i> , 2009, 483, 241-246.	1.2	7
126	Synthesis, characterization and optical limiting property of covalently oligothiophene-functionalized graphene material. <i>Carbon</i> , 2009, 47, 3113-3121.	5.4	218
127	The role of multiwalled carbon nanotubes in enhancing the catalytic activity of cobalt tetraaminophthalocyanine for oxidation of conjugated dyes. <i>Carbon</i> , 2009, 47, 3337-3345.	5.4	78
128	Fabrication, Electrochemical, and Optoelectronic Properties of Layer-by-Layer Films Based on (Phthalocyaninato)ruthenium(II) and Triruthenium Dodecacarbonyl Bridged by 4,4'-Bipyridine as Ligand. <i>Langmuir</i> , 2009, 25, 11796-11801.	1.6	47
129	Nucleic Acid Conjugated Nanomaterials for Enhanced Molecular Recognition. <i>ACS Nano</i> , 2009, 3, 2451-2460.	7.3	303
130	Carbon Nanotubes and Microwaves: Interactions, Responses, and Applications. <i>ACS Nano</i> , 2009, 3, 3819-3824.	7.3	270
131	Supramolecular Surface Modification and Solubilization of Single-Walled Carbon Nanotubes with Cyclodextrin Complexation. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1562-1572.	1.7	18
132	Noncovalent Functionalization of Single-Walled Carbon Nanotubes. <i>Accounts of Chemical Research</i> , 2009, 42, 1161-1171.	7.6	654



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133	One-pot noncovalent method to functionalize multi-walled carbon nanotubes using cyclomatrix-type polyphosphazenes. <i>Chemical Communications</i> , 2009, , 1049-1051.	2.2	70
134	Functional Polyacetylenes Carrying Mesogenic and Polynuclear Aromatic Pendants: Polymer Synthesis, Hybridization with Carbon Nanotubes, Liquid Crystallinity, Light Emission, and Electrical Conductivity. <i>Macromolecules</i> , 2009, 42, 2523-2531.	2.2	30
135	Carbon Nanotube-Filled Nanofibrous Membranes Electrospun from Poly(acrylonitrile-co-acrylic acid) for Glucose Biosensor. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2955-2960.	1.5	74
136	Dendrimer Porphyrins and Phthalocyanines. <i>Chemical Reviews</i> , 2009, 109, 6047-6076.	23.0	293
137	Zinc Porphyrins Covalently Bound to the Side Walls of Single-Walled Carbon Nanotubes via Flexible Bonds: Photoinduced Electron Transfer in Polar Solvent. <i>Journal of Physical Chemistry C</i> , 2009, 113, 14493-14499.	1.5	39
138	Carbon nanotubes' electronic/electrochemical properties and application for nanoelectronics and photonics. <i>Chemical Society Reviews</i> , 2009, 38, 165-184.	18.7	502
139	Covalent Functionalization of Short, Single-Wall Carbon Nanotubes: Photophysics of 2,4,6-Triphenylpyrylium Attached to the Nanotube Walls. <i>Chemistry of Materials</i> , 2009, 21, 884-890.	3.2	21
140	Carbon nanotube-based organic light emitting diodes. <i>Nanoscale</i> , 2009, 1, 317.	2.8	65
141	Silicon nanowire array/polymer hybrid solar cell incorporating carbon nanotubes. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 115104.	1.3	63
142	Efficient Functionalization of Carbon Nanotubes with Porphyrin Dendrons via Click Chemistry. <i>Journal of the American Chemical Society</i> , 2009, 131, 15394-15402.	6.6	167
143	Photoinduced multi-electron transfer in the DnA system consisting of multi-phthalocyanines linked to one carbon nanotube. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 3566.	1.3	19
144	Electrostatic Layer-by-Layer Assembled Au Nanoparticle/MWNT Thin Films: Microstructure, Optical Property, and Electrocatalytic Activity for Methanol Oxidation. <i>Chemistry of Materials</i> , 2009, 21, 2993-3001.	3.2	63
145	Anion-Complexation-Induced Stabilization of Charge Separation. <i>Journal of the American Chemical Society</i> , 2009, 131, 16138-16146.	6.6	93
146	Aromatic Electron Acceptors Change the Chirality Dependence of Single-Walled Carbon Nanotube Oxidation. <i>Langmuir</i> , 2009, 25, 10417-10421.	1.6	14
147	Solubilization and photoinduced electron transfer of single-walled carbon nanotubes wrapped with coenzyme Q10. <i>Chemical Communications</i> , 2009, , 4997.	2.2	21
148	Photoinduced electron transfer in aqueous carbon nanotube/block copolymer/CdS hybrids: application in the construction of photoelectrochemical cells. <i>Journal of Materials Chemistry</i> , 2009, 19, 8990.	6.7	38
149	Three-dimensional architecture of carbon nanotube-anchored polymer nanofiber composite. <i>Journal of Materials Chemistry</i> , 2009, 19, 7822.	6.7	17
150	Multiwall Carbon Nanotubes Decorated with Copper Nanoparticles: Effect on the Photocurrent Response. <i>Journal of Physical Chemistry C</i> , 2009, 113, 5860-5864.	1.5	31

#	ARTICLE	IF	CITATIONS
152	Synthesis, photophysics, and electrochemistry of thiophene-pyridine and thiophene-pyrimidine dyad comonomers. <i>Canadian Journal of Chemistry</i> , 2010, 88, 236-246.	0.6	24
153	Supramolecular architectures of porphyrins on surfaces: The structural evolution from 1D to 2D to 3D to devices. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2342-2362.	9.5	164
154	Organic Polyaromatic Hydrocarbons as Sensitizing Model Dyes for Semiconductor Nanoparticles. <i>ChemSusChem</i> , 2010, 3, 410-428.	3.6	20
156	Noncovalent Assembly of Picket-Fence Porphyrins on Nitrogen-Doped Carbon Nanotubes for Highly Efficient Catalysis and Biosensing. <i>Chemistry - A European Journal</i> , 2010, 16, 4120-4126.	1.7	34
157	Two-Photon Chemistry in Ruthenium 2,2'-Bipyridyl-Functionalized Single-Wall Carbon Nanotubes. <i>Chemistry - A European Journal</i> , 2010, 16, 7282-7292.	1.7	15
158	Synthesis and Characterization of Nanocomposites Based on Functional Regioregular Poly(3-hexylthiophene) and Multiwall Carbon Nanotubes. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1427-1434.	2.0	43
159	Carbon nanotube-polymer composites: Chemistry, processing, mechanical and electrical properties. <i>Progress in Polymer Science</i> , 2010, 35, 357-401.	11.8	2,738
160	Facile and tunable functionalization of carbon nanotube electrodes with ferrocene by covalent coupling and $\pi$ -stacking interactions and their relevance to glucose bio-sensing. <i>Journal of Electroanalytical Chemistry</i> , 2010, 641, 57-63.	1.9	87
161	Assessing the strengths and weaknesses of various types of pre-treatments of carbon nanotubes on the properties of polymer/carbon nanotubes composites: A critical review. <i>Polymer</i> , 2010, 51, 975-993.	1.8	306
162	Meso-meso linked diporphyrin functionalized single-walled carbon nanotubes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 216, 15-23.	2.0	13
163	Enhanced photoelectrochemistry and interactions in cadmium selenide-functionalized multiwalled carbon nanotube composite films. <i>Electrochimica Acta</i> , 2010, 55, 6731-6742.	2.6	12
164	Surfactant-associated electrochemical properties of ferrocene adsorbed on a glassy carbon electrode modified with multi-walled carbon nanotubes. <i>Thin Solid Films</i> , 2010, 518, 3240-3245.	0.8	8
165	p-Hexafluoroisopropanol phenyl covalently functionalized single-walled carbon nanotubes for detection of nerve agents. <i>Carbon</i> , 2010, 48, 1262-1270.	5.4	68
166	Broken symmetry approach and chemical susceptibility of carbon nanotubes. <i>International Journal of Quantum Chemistry</i> , 2010, 110, 1466-1480.	1.0	33
167	Amperimetric Biosensor Based on Carbon Nanotube and Plasma Polymer. , 0, , .		1
169	Photoelectrochemical properties of donor-acceptor nanocomposite films composed of porphyrin-functionalized cup-shaped nanocarbon materials. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 452-458.	0.4	4
170	Light Harvesting Single Wall Carbon Nanotube Hybrids. , 2010, , .		0
171	Mastering nanostructured materials through H-bonding recognitions at interfaces. <i>Pure and Applied Chemistry</i> , 2010, 82, 917-929.	0.9	6

#	ARTICLE	IF	CITATIONS
172	4 Tetrapyrroleâ€“Nanocarbon Hybrids: Self-Assembly and Photoinduced Electron Transfer. Handbook of Porphyrin Science, 2010, , 307-437.	0.3	14
173	Comparison of Cluster Formation, Film Structure, Microwave Conductivity, and Photoelectrochemical Properties of Composites Consisting of Single-Walled Carbon Nanotubes with C <sub>60</sub> , C <sub>70</sub> , and C <sub>84</sub> . Journal of Physical Chemistry C, 2010, 114, 3235-3247.	1.5	33
174	Benzonitrile Adsorption on Fe-Doped Carbon Nanostructures. Journal of Physical Chemistry C, 2010, 114, 10790-10795.	1.5	18
175	Noncovalent functionalization of multiwall carbon nanotubes by methylated- $\beta$ -cyclodextrins modified by a triazole group. Chemical Communications, 2010, 46, 7382.	2.2	21
176	Supramolecular nanoarchitectures for light energy conversion. Physical Chemistry Chemical Physics, 2010, 12, 44-57.	1.3	194
177	Gold Dendrimer Encapsulated Nanoparticles as Labeling Agents for Multiwalled Carbon Nanotubes. ACS Nano, 2010, 4, 905-912.	7.3	59
178	Low-Potential Photoelectrochemical Biosensing Using Porphyrin-Functionalized TiO <sub>2</sub> Nanoparticles. Analytical Chemistry, 2010, 82, 8711-8716.	3.2	211
179	In Situ Formation of Three-Dimensional Uniform Pt/Carbon Nanotube Nanocomposites from Ionic Liquid/Carbon Nanotube Gel Matrix with Enhanced Electrocatalytic Activity toward Methanol Oxidation. Journal of Physical Chemistry C, 2010, 114, 3575-3579.	1.5	29
180	Fabrication and Optoelectronic Properties of Novel Films Based on Functionalized Multiwalled Carbon Nanotubes and (Phthalocyaninato)Ruthenium(II) via Coordination Bonded Layer-by-Layer Self-Assembly. Langmuir, 2010, 26, 16084-16089.	1.6	26
181	Macromolecular multi-chromophoric scaffolding. Chemical Society Reviews, 2010, 39, 1576.	18.7	113
182	Immobilizing Water-Soluble Dendritic Electron Donors and Electron Acceptorsâ€“Phthalocyanines and Peryleneimidesâ€“onto Single Wall Carbon Nanotubes. Journal of the American Chemical Society, 2010, 132, 6392-6401.	6.6	82
183	Covalent and Noncovalent Phthalocyanineâ€“Carbon Nanostructure Systems: Synthesis, Photoinduced Electron Transfer, and Application to Molecular Photovoltaics. Chemical Reviews, 2010, 110, 6768-6816.	23.0	748
184	Supramolecular donorâ€“acceptor assemblies composed of carbon nanodiamond and porphyrin for photoinduced electron transfer and photocurrent generation. Journal of Materials Chemistry, 2010, 20, 582-587.	6.7	35
185	Photoelectrochemical Cell Based on Cup-Shaped Nanocarbonâ€“Fullerene Composite Nanocluster Film: Enhancement of Photocurrent Generation by Cup-Shaped Nanocarbons as an Electron Transporter. Fullerenes Nanotubes and Carbon Nanostructures, 2010, 18, 251-260.	1.0	5
186	Structure and Function. , 2010, , .		5
187	Novel pyrenehexafluoroisopropanol derivative-decorated single-walled carbon nanotubes for detection of nerve agents by strong hydrogen-bonding interaction. Analyst, The, 2010, 135, 368-374.	1.7	98
188	Langmuirâ€“Blodgett Films of Pyridyldithio-Modified Multiwalled Carbon Nanotubes as a Support to Immobilize Hydrogenase. Langmuir, 2010, 26, 10259-10265.	1.6	34
189	Poly(3-hexylthiophene)/Multiwalled Carbon Hybrid Coaxial Nanotubes: Nanoscale Rectification and Photovoltaic Characteristics. ACS Nano, 2010, 4, 4197-4205.	7.3	34

#	ARTICLE	IF	CITATIONS
190	Conjugated Polymer Poly(2-methoxy-5-(3,7-dimethyloctyloxy)-1,4-phenylenevinylene) Modification on Carbon Nanotubes with Assistance of Supercritical Carbon Dioxide: Chemical Interaction, Solubility, and Light Emission. <i>Journal of Physical Chemistry C</i> , 2010, 114, 10119-10125.	1.5	14
192	Fabrication of organogels composed from carbon nanotubes through a supramolecular approach. <i>New Journal of Chemistry</i> , 2010, 34, 2847.	1.4	35
193	Effect of sequential grafting of magnetic nanoparticles onto metallic and semiconducting carbon-nanotube devices: towards self-assembled multi-dots. <i>Journal of Materials Chemistry</i> , 2010, 20, 2099.	6.7	23
194	Ultrafast spectroscopic investigation of a fullerene poly(3-hexylthiophene) dyad. <i>Physical Review B</i> , 2011, 84, .	1.1	27
195	Thermosolutal Self-Organization of Supramolecular Polymers into Nanocraters. <i>Langmuir</i> , 2011, 27, 1513-1523.	1.6	15
196	Influence of Cu nanoparticle size on the photo-electrochemical response from Cu-multiwall carbon nanotube composites. <i>Nanotechnology</i> , 2011, 22, 035701.	1.3	16
197	Light-harvesting multi-walled carbon nanotubes and CdS hybrids: Application to photocatalytic hydrogen production from water. <i>Energy and Environmental Science</i> , 2011, 4, 685-694.	15.6	259
198	Interfacing Strong Electron Acceptors with Single Wall Carbon Nanotubes. <i>Journal of the American Chemical Society</i> , 2011, 133, 4580-4586.	6.6	44
199	Single-Walled Carbon Nanotube/Pyrenecyclodextrin Nano hybrids for Ultrahighly Sensitive and Selective Detection of <i>p</i> -Nitrophenol. <i>Langmuir</i> , 2011, 27, 10295-10301.	1.6	91
200	Viral Capsids as Self-Assembling Templates for New Materials. <i>Progress in Molecular Biology and Translational Science</i> , 2011, 103, 353-392.	0.9	30
201	Assembly of carbon nanotubes and alkylated fullerenes: nanocarbon hybrid towards photovoltaic applications. <i>Chemical Science</i> , 2011, 2, 2243.	3.7	47
202	Assembly of individual TiO <sub>2</sub> â€“C <sub>60</sub> porphyrin hybrid nanoparticles for enhancement of photoconversion efficiency. <i>Nanotechnology</i> , 2011, 22, 275720.	1.3	6
203	Noncovalent assembly of carbon nanotube-inorganic hybrids. <i>Journal of Materials Chemistry</i> , 2011, 21, 7527.	6.7	74
205	Photocatalysis. <i>Topics in Current Chemistry</i> , 2011, , .	4.0	13
206	Assembly of single-walled carbon nanotubes on patterns of Au nanoparticles. <i>Applied Surface Science</i> , 2011, 258, 1519-1524.	3.1	6
207	Physical properties of chemical vapour deposited nanostructured carbon thin films. <i>Journal of Alloys and Compounds</i> , 2011, 509, 1418-1423.	2.8	13
208	One-step synthesis of carbon nanotubes with Ni nanoparticles as a catalyst by the microwave-assisted polyol method. <i>Journal of Alloys and Compounds</i> , 2011, 509, 2829-2832.	2.8	12
209	Characterization and use of functionalized carbon nanotubes for the adsorption of heavy metal anions. <i>New Carbon Materials</i> , 2011, 26, 57-62.	2.9	57

#	ARTICLE	IF	CITATIONS
210	Gold Nanoparticle-Functionalized Carbon Nanotubes for Light-Induced Electron Transfer Process. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 775-781.	2.1	21
211	Hierarchical polymer assemblies constructed by the mutual template effect of cationic polymer complex and anionic supramolecular nanofiber. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 146-153.	1.5	13
212	Screening interactions of zinc phthalocyanine-PPV oligomers with single wall carbon nanotubes—a comparative study. <i>Journal of Materials Chemistry</i> , 2011, 21, 8014.	6.7	25
213	Tuning and optimizing the intrinsic interactions between phthalocyanine-based PPV oligomers and single-wall carbon nanotubes toward n-type/p-type. <i>Chemical Science</i> , 2011, 2, 652-660.	3.7	35
214	Polymer Composites with Carbon Nanotubes in Alignment. , 2011, , .		3
215	Facile functionalization by $\pi$ -stacking of macroscopic substrates made of vertically aligned carbon nanotubes: Tracing reactive groups by electrochemiluminescence. <i>Electrochimica Acta</i> , 2011, 56, 9269-9276.	2.6	4
216	Recent applications of carbon nanotubes in hydrogen production and storage. <i>Fuel</i> , 2011, 90, 3123-3140.	3.4	144
217	Multiple photosynthetic reaction centres using zinc porphyrinic oligopeptide-fulleropyrrolidine supramolecular complexes. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 17019.	1.3	40
218	Artificial Photosynthesis Challenges: Water Oxidation at Nanostructured Interfaces. <i>Topics in Current Chemistry</i> , 2011, 303, 121-150.	4.0	34
219	Efficient covalent functionalisation of carbon nanotubes: the use of "click chemistry". <i>Chemical Science</i> , 2011, 2, 1887.	3.7	61
220	Supramolecular Functionalization of Single-Walled Carbon Nanotubes with Triply Fused Porphyrin Dimers: A Study of Structure-Property Relationships. <i>Chemistry of Materials</i> , 2011, 23, 3188-3194.	3.2	17
221	Charge Transfer Events in Semiconducting Single-Wall Carbon Nanotubes. <i>Journal of the American Chemical Society</i> , 2011, 133, 18696-18706.	6.6	28
222	Synthesis and Characterization of Carbon Nanotubes Wrapped on Anatase Microparticles. <i>Particle and Particle Systems Characterization</i> , 2011, 28, 64-70.	1.2	5
223	Electrocatalytic oxidation of hydrazine at a glassy carbon electrode modified with nickel ferrite and multi-walled carbon nanotubes. <i>Mikrochimica Acta</i> , 2011, 175, 145-150.	2.5	25
224	A novel homogenous detection method based on the self-assembled DNAzyme labeled DNA probes with SWNT conjugates and its application in detecting pathogen. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4596-4600.	5.3	23
225	Preparation of cotton-shaped CNT/PANI composite and its electrochemical performances. <i>Rare Metals</i> , 2011, 30, 94-97.	3.6	30
226	Dendrimer/inorganic nanomaterial composites: Tailoring preparation, properties, functions, and applications of inorganic nanomaterials with dendritic architectures. <i>Science China Chemistry</i> , 2011, 54, 286-301.	4.2	16
227	Aptamer-Assembled Nanomaterials for Biosensing and Biomedical Applications. <i>Small</i> , 2011, 7, 2428-2436.	5.2	70

#	ARTICLE	IF	CITATIONS
228	Strategies for Post-Synthesis Alignment and Immobilization of Carbon Nanotubes. <i>Advanced Materials</i> , 2011, 23, 953-970.	11.1	40
229	Noncovalent Assembly of Picket-Fence Porphyrin on Carbon Nanotubes as Effective Peroxidase-Like Catalysts for Detection of Hydrogen Peroxide in Beverages. <i>Electroanalysis</i> , 2011, 23, 2955-2963.	1.5	12
230	Tailored Functionalization of Carbon Nanotubes for Electrocatalytic Water Splitting and Sustainable Energy Applications. <i>ChemSusChem</i> , 2011, 4, 1447-1451.	3.6	64
231	An efficient growth of silver and copper nanoparticles on multiwalled carbon nanotube with enhanced antimicrobial activity. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 96B, 119-126.	1.6	84
233	Noncovalent Binding of Carbon Nanotubes by Porphyrin Oligomers. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2313-2316.	7.2	90
234	From Molecular to Macroscopic Engineering: Shaping Hydrogen-Bonded Organic Nanomaterials. <i>Chemistry - A European Journal</i> , 2011, 17, 3262-3273.	1.7	29
235	Intermolecular and Intracomplex Photoinduced Electron Transfer from Planar and Nonplanar Metalloporphyrins to <i>Quinones</i> . <i>Chemistry - A European Journal</i> , 2011, 17, 12372-12384.	1.7	30
236	Photoelectrochemistry of Free-Base-Porphyrin-Functionalized Zinc Oxide Nanoparticles and Their Applications in Biosensing. <i>Chemistry - A European Journal</i> , 2011, 17, 9440-9447.	1.7	151
237	Dynamics of Closure of Zinc Bis-Porphyrin Molecular Tweezers with Copper(II) Ions and Electron Transfer. <i>Chemistry - A European Journal</i> , 2011, 17, 10670-10681.	1.7	24
238	Reductive determination of hydrogen peroxide with MWCNTs-Pd nanoparticles on a modified glassy carbon electrode. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2287-2291.	5.3	109
239	Single-walled carbon nanotubes as a dopant in p-type cuprous oxide films. <i>Carbon</i> , 2011, 49, 2659-2664.	5.4	8
240	A graphene sheet as an efficient electron acceptor and conductor for photoinduced charge separation. <i>Carbon</i> , 2011, 49, 3842-3850.	5.4	91
241	Quenching of fluorescence of aromatic molecules by graphene due to electron transfer. <i>Chemical Physics Letters</i> , 2011, 506, 260-264.	1.2	135
242	Electrocatalytic determination of hydrazine by a glassy carbon electrode modified with PEDOP/MWCNTs-Pd nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2011, 153, 246-251.	4.0	74
243	Molecular nanoarchitectures composed of porphyrins and carbon nanomaterials for light energy conversion. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 301-311.	0.4	16
244	Click Chemistry for Carbon Nanotubes Functionalization. <i>Current Organic Chemistry</i> , 2011, 15, 1151-1159.	0.9	21
245	Self-Assemblies of Single-Walled Carbon Nanotubes through Tunable Tethering of Pyrenes by Dextrin for Rapidly Chiral Sensing. <i>International Journal of Analytical Chemistry</i> , 2011, 2011, 1-10.	0.4	7
246	Absorption Properties of Hybrid Composites of Gold Nanorods and Functionalized Single-Walled Carbon Nanotubes. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-8.	1.5	7

#	ARTICLE	IF	CITATIONS
247	Nanocomposite Catalysts Producing Durable, Super-Black Carbon Nanotube Systems: Applications in Solar Thermal Harvesting. ACS Nano, 2012, 6, 10475-10485.	7.3	91
248	Photo- and electro-functional self-assembled architectures of porphyrins. Physical Chemistry Chemical Physics, 2012, 14, 15975.	1.3	62
249	Catalytic activity of metal-based nanoparticles for photocatalytic water oxidation and reduction. Journal of Materials Chemistry, 2012, 22, 24284.	6.7	69
250	Assemblies of artificial photosynthetic reaction centres. Journal of Materials Chemistry, 2012, 22, 4575.	6.7	144
251	Electrocatalytic oxidation of oxalic acid on palladium nanoparticles encapsulated on polyamidoamine dendrimer-grafted multi-walled carbon nanotubes hybrid material. Sensors and Actuators B: Chemical, 2012, 171-172, 611-618.	4.0	34
252	Thermal stability of styrene- $\epsilon$ -(ethylene butylene)- $\epsilon$ -styrene-based elastomer composites modified by liquid crystalline polymer, clay, and carbon nanotube. Journal of Thermal Analysis and Calorimetry, 2012, 110, 1395-1406.	2.0	20
253	Tubular shaped composites made from polythiophene covalently linked to Prato functionalized N-doped carbon nanotubes. Synthetic Metals, 2012, 162, 2307-2315.	2.1	12
254	Excitation energy transfer from non-aggregated molecules to perylenediimide nanoribbons via ionic interactions in water. Journal of Materials Chemistry, 2012, 22, 12547.	6.7	9
255	Decorating polyelectrolyte wrapped SWNTs with CdTe quantum dots for solar energy conversion. Faraday Discussions, 2012, 155, 253-265.	1.6	15
256	Enhanced CO <sub>2</sub> Adsorptivity of Partially Charged Single Walled Carbon Nanotubes by Methylene Blue Encapsulation. Journal of Physical Chemistry C, 2012, 116, 11216-11222.	1.5	14
257	Functionalization of single-walled carbon nanotubes with silver nanoparticles using Tecoma stans leaf extract. Physica E: Low-Dimensional Systems and Nanostructures, 2012, 44, 1725-1729.	1.3	16
258	Isophthalic acid-functionalised multiwalled carbon nanotubes as an alternative nanolayer for the layer-by-layer assembly with poly(xylylviologen). Synthetic Metals, 2012, 162, 881-887.	2.1	15
259	Functionalized Carbon Nanotubes and Their Enhanced Polymers. , 2012, , 439-478.		5
260	Making New Materials from Viral Capsids. , 2012, , 247-266.		1
261	Free-standing single-walled carbon nanotube- $\epsilon$ -CdSe quantum dots hybrid ultrathin films for flexible optoelectronic conversion devices. Nanoscale, 2012, 4, 4515.	2.8	14
262	UV luminescence from LiF/carbon nanotube microcomposites. Superlattices and Microstructures, 2012, 52, 1053-1061.	1.4	0
264	Hierarchised luminescent organic architectures: design, synthesis, self-assembly, self-organisation and functions. Chemical Society Reviews, 2012, 41, 211-241.	18.7	249
265	Recent Advances in Photoinduced Electron Transfer Processes of Fullerene-Based Molecular Assemblies and Nanocomposites. Molecules, 2012, 17, 5816-5835.	1.7	112

#	ARTICLE	IF	CITATIONS
266	Self-sustaining, fluorescent and semi-conducting co-assembled organogel of Fmoc protected phenylalanine with aromatic amines. <i>Soft Matter</i> , 2012, 8, 7436.	1.2	60
268	Graphene as a Quencher of Electronic Excited States of Photochemical Probes. <i>Langmuir</i> , 2012, 28, 2849-2857.	1.6	54
269	A Water-Soluble Pillar[6]arene: Synthesis, Host-Guest Chemistry, and Its Application in Dispersion of Multiwalled Carbon Nanotubes in Water. <i>Journal of the American Chemical Society</i> , 2012, 134, 13248-13251.	6.6	410
270	Study on the photoinduced electron-transfer activity of poly( <i>p</i> -phenylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 627 polymerization. <i>Polymer Composites</i> , 2012, 33, 1295-1301.	2.3	5
271	<i>meso</i> -Tritolylcorrole-Functionalized Single-Walled Carbon Nanotube Donor-Acceptor Nanocomposites for NO <sub>2</sub> Detection. <i>Electroanalysis</i> , 2012, 24, 1348-1355.	1.5	14
272	CNTs in Optoelectronic Devices: New Structural and Photophysical Insights on Porphyrin-DWCNTs Hybrid Materials. <i>Advanced Functional Materials</i> , 2012, 22, 3209-3222.	7.8	28
273	Carbon Nanotube-Silicon Solar Cells. <i>Advanced Energy Materials</i> , 2012, 2, 1043-1055.	10.2	144
274	Multiple Hydrogen Bond Interactions in the Processing of Functionalized Multi-Walled Carbon Nanotubes. <i>ACS Nano</i> , 2012, 6, 23-31.	7.3	34
275	Remotely actuated shape memory effect of electrospun composite nanofibers. <i>Acta Biomaterialia</i> , 2012, 8, 1248-1259.	4.1	125
276	Ultrafast nonlinear optical response of carbon nanotubes functionalized with water soluble porphyrin. <i>Optics Communications</i> , 2012, 285, 1920-1924.	1.0	18
277	The manipulation of carbon nanotubes on a polymer surface using a laser beam. <i>Journal of Materials Science</i> , 2012, 47, 4585-4588.	1.7	3
278	Facile synthesis of MWCNTs/Ag <sub>3</sub> PO <sub>4</sub> : novel photocatalysts with enhanced photocatalytic activity under visible light. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	17
279	Nano- and microstructuration of supramolecular materials driven by H-bonded uracil-2,6-diamidopyridine complexes. <i>Nanoscale</i> , 2013, 5, 8837.	2.8	31
281	Functional polyacetylenes: hybrids with carbon nanotubes. <i>Polymer Chemistry</i> , 2013, 4, 211-223.	1.9	43
282	Phototriggered Base Proliferation: A Highly Efficient Domino Reaction for Creating Functionally Photo-Screened Materials. <i>Macromolecules</i> , 2013, 46, 6402-6407.	2.2	33
283	Carbon Nanotube/Biocompatible Bola-Amphiphile Supramolecular Biohybrid Materials: Preparation and Their Application in Bacterial Cell Agglutination. <i>Advanced Materials</i> , 2013, 25, 6373-6379.	11.1	28
284	Synthesis of carbon nanotube/TiO <sub>2</sub> composites by titanium evaporation in ultra high vacuum ambient. <i>Microelectronic Engineering</i> , 2013, 108, 213-217.	1.1	11
285	Effect of functional groups of multi-walled carbon nanotubes on the mechanical, thermal and electrical performance of epoxy resin based nanocomposites. <i>Journal of Composite Materials</i> , 2013, 47, 3091-3103.	1.2	19



#	ARTICLE	IF	CITATIONS
286	Facile synthesis of titania nanoparticles coated carbon nanotubes for selective enrichment of phosphopeptides for mass spectrometry analysis. <i>Talanta</i> , 2013, 107, 30-35.	2.9	27
287	Long-lived photoinduced charge separation for solar cell applications in supramolecular complexes of multi-metalloporphyrins and fullerenes. <i>Dalton Transactions</i> , 2013, 42, 15846.	1.6	65
288	Carbon nanotube solar cells. , 2013, , 241-269.		13
289	Synthesis, stereocomplex crystallization, morphology and mechanical property of poly(lactide)â€“carbon nanotube nanocomposites. <i>RSC Advances</i> , 2013, 3, 2219.	1.7	58
290	Structure of a carbon nanotubeâ€“dendrimer composite. <i>Soft Matter</i> , 2013, 9, 1372-1380.	1.2	30
291	A novel enzyme-free amperometric sensor for hydrogen peroxide based on Nafion/exfoliated graphene oxideâ€“Co <sub>3</sub> O <sub>4</sub> nanocomposite. <i>Talanta</i> , 2013, 103, 322-329.	2.9	81
292	Functionalized carbon nanotubes with oligomeric intumescent flame retardant for reducing the agglomeration and flammability of poly(ethylene vinyl acetate) nanocomposites. <i>Polymer Composites</i> , 2013, 34, 109-121.	2.3	43
293	Loading of free radicals on the functional graphene combined with liquid chromatographyâ€“tandem mass spectrometry screening method for the detection of radical-scavenging natural antioxidants. <i>Analytica Chimica Acta</i> , 2013, 802, 103-112.	2.6	16
294	Luminophores and Carbon Nanotubes: An Odd Combination?. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 767-778.	2.1	10
295	Fused Porphyrinâ€“Single-Walled Carbon Nanotube Hybrids: Efficient Formation and Photophysical Characterization. <i>ACS Nano</i> , 2013, 7, 3466-3475.	7.3	67
296	rGO/SWCNT composites as novel electrode materials for electrochemical biosensing. <i>Biosensors and Bioelectronics</i> , 2013, 43, 173-179.	5.3	61
297	Submillisecond-lived photoinduced charge separation in inclusion complexes composed of Li <sup>+</sup> @C <sub>60</sub> and cyclic porphyrin dimers. <i>Chemical Science</i> , 2013, 4, 1451.	3.7	48
298	A lead(II) sensor based on a glassy carbon electrode modified with Fe <sub>3</sub> O <sub>4</sub> nanospheres and carbon nanotubes. <i>Mikrochimica Acta</i> , 2013, 180, 379-385.	2.5	19
299	Dispersion studies of carboxyl, amine and thiol-functionalized carbon nanotubes for improving the electrochemical behavior of screen printed electrodes. <i>Sensors and Actuators B: Chemical</i> , 2013, 181, 353-360.	4.0	28
300	Thin film CdSe/CuSe photovoltaic on a flexible single walled carbon nanotube substrate. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 3930.	1.3	21
301	Photo-induced electron transfer in a pyrenylcarbazole containing polymerâ€“multiwalled carbon nanotube composite. <i>New Journal of Chemistry</i> , 2013, 37, 1833.	1.4	9
302	Designing interfaces of hydrogenaseâ€“nanomaterial hybrids for efficient solar conversion. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2013, 1827, 949-957.	0.5	60
303	Responsive Fluorescent Nanorods from Coassembly of Fullerene (C <sub>60</sub> ) and Anthracene-Ended Hyperbranched Poly(ether amine) (AN-hPEA). <i>Macromolecules</i> , 2013, 46, 3699-3707.	2.2	13

#	ARTICLE	IF	CITATIONS
304	Improved conductivity and thermal stability by the formation of a charge-transfer complex in $\text{P}^{\delta-}$ -nucleation-agent-nucleated and MWCNT-filled iPP composites. <i>Journal of Applied Polymer Science</i> , 2013, 113, 2744-2753.		9
305	Highly sensitive and selective dopamine biosensor based on 3,4,9,10-perylene tetracarboxylic acid functionalized graphene sheets/multi-wall carbon nanotubes/ionic liquid composite film modified electrode. <i>Biosensors and Bioelectronics</i> , 2013, 41, 225-231.	5.3	75
306	Synthesis of modified carbon nanotube-reinforced thiazole dyes/silica hybrid materials. <i>Journal of Composite Materials</i> , 2013, 47, 259-265.	1.2	1
307	Synthesis of Palladium/Helical Carbon Nanofiber Hybrid Nanostructures and Their Application for Hydrogen Peroxide and Glucose Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 12017-12022.	4.0	95
308	Third order nonlinear optical properties of phthalocyanines in the presence nanomaterials and in polymer thin films. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 691-702.	0.4	24
309	Selective photocatalytic reactions with organic photocatalysts. <i>Chemical Science</i> , 2013, 4, 561-574.	3.7	347
310	Toward Multifunctional Wet Chemically Functionalized Graphene—Integration of Oligomeric, Molecular, and Particulate Building Blocks that Reveal Photoactivity and Redox Activity. <i>Accounts of Chemical Research</i> , 2013, 46, 53-64.	7.6	81
311	Modified Carbon Nanotubes. , 2013, , 189-232.		4
314	Supramolecular Assemblies of Nucleoside Functionalized Carbon Nanotubes: Synthesis, Film Preparation, and Properties. <i>Chemistry - A European Journal</i> , 2014, 20, 5397-5402.	1.7	10
315	Investigation of nanomechanical properties of multilayered hybrid nanocomposites. <i>Meccanica</i> , 2014, 49, 2645-2655.	1.2	11
317	Polydopamine as a Biomimetic Electron Gate for Artificial Photosynthesis. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6364-6368.	7.2	113
318	Microbial BioEnergy: Hydrogen Production. <i>Advances in Photosynthesis and Respiration</i> , 2014, , .	1.0	10
319	Grafting chitosan and polyHEMA on carbon nanotubes surfaces: “Grafting to” and “Grafting from” methods. <i>International Journal of Biological Macromolecules</i> , 2014, 63, 92-97.	3.6	21
320	Synthesis of $\text{In}_2\text{S}_3$ -CNT nanocomposites for selective reduction under visible light. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1710-1720.	5.2	99
321	Theoretical Study of Hydrogen Adsorption on Ru-Decorated (8,0) Single-Walled Carbon Nanotube. <i>Journal of Physical Chemistry C</i> , 2014, 118, 27672-27680.	1.5	43
322	Activated carbon nanotubes: a highly-active metal-free electrocatalyst for hydrogen evolution reaction. <i>Chemical Communications</i> , 2014, 50, 9340-9342.	2.2	187
323	Dispersion of carbon nanotubes in water by self-assembled micelles of branched amphiphilic multifunctional copolymers with photosensitivity and electroactivity. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14481-14492.	5.2	23
324	The Role of Functional Moieties on Carbon Nanotube Surfaces in Solar Energy Conversion. <i>ChemPhysChem</i> , 2014, 15, 3839-3847.	1.0	3

#	ARTICLE	IF	CITATIONS
325	Synthesis, Electrochemistry, Crystal Structures, and Optical Properties of Quinoline Derivatives with a 2,2'-bithiophene Motif. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5256-5264.	1.2	27
326	Preferential Through-Space Charge Separation and Charge Recombination in V-Type Configured Porphyrin-azaBODIPY- Fullerene Supramolecular Triads. <i>Journal of Physical Chemistry C</i> , 2014, 118, 18969-18982.	1.5	31
328	Understanding Photophysical Interactions of Semiconducting Carbon Nanotubes with Porphyrin Chromophores. <i>Journal of Physical Chemistry C</i> , 2014, 118, 11612-11619.	1.5	21
329	Photochemistry of covalently functionalized graphene oxide with phenothiazinyl units. <i>Carbon</i> , 2014, 74, 113-119.	5.4	10
330	Enhanced photovoltaic conversion efficiency in bulk heterojunction solar cells upon incorporating nanohybridized PbS quantum dots/multiwall carbon nanotubes. <i>EPL Applied Physics</i> , 2014, 65, 10201.	0.3	8
331	Phenothiazine-Bridged Cyclic Porphyrin Dimers as High-Affinity Hosts for Fullerenes and Linear Array of C <sub>60</sub> in Self-Assembled Porphyrin Nanotube. <i>Journal of Organic Chemistry</i> , 2014, 79, 2980-2992.	1.7	41
335	Broad Family of Carbon Nanoallotropes: Classification, Chemistry, and Applications of Fullerenes, Carbon Dots, Nanotubes, Graphene, Nanodiamonds, and Combined Superstructures. <i>Chemical Reviews</i> , 2015, 115, 4744-4822.	23.0	1,519
336	Multidisciplinary approaches to solar hydrogen. <i>Interface Focus</i> , 2015, 5, 20140091.	1.5	24
337	Triplet-Triplet Excitation Transfer in Palladium Porphyrin- Fullerene and Platinum Porphyrin- Fullerene Dyads. <i>Journal of Physical Chemistry C</i> , 2015, 119, 176-185.	1.5	27
338	Electrochemical sensing of hydrogen peroxide using a cobalt(III) complex supported on carbonaceous nanomaterials. <i>Journal of Electroanalytical Chemistry</i> , 2015, 740, 37-44.	1.9	16
339	PCL-CNT Nanocomposites. , 2015, , 173-193.		7
340	Raman, morphology and electrical behavior of nanocomposites based on PEO/PVDF with multi-walled carbon nanotubes. <i>Results in Physics</i> , 2015, 5, 105-110.	2.0	115
341	Supramolecular Amphiphiles Based on Host-Guest Molecular Recognition Motifs. <i>Chemical Reviews</i> , 2015, 115, 7240-7303.	23.0	869
342	Synthesis, spectroscopic, electrochemical redox, solvatochromism and anion binding properties of 1 <sup>2</sup> -tetra- and -octaphenylethynyl substituted meso-tetraphenylporphyrins. <i>RSC Advances</i> , 2015, 5, 82237-82246.	1.7	18
343	Long-Lived Photoinduced Charge Separation in Inclusion Complexes Composed of a Phenothiazine-Bridged Cyclic Porphyrin Dimer and Fullerenes. <i>Journal of Physical Chemistry C</i> , 2015, 119, 25634-25650.	1.5	23
344	Ultrafast Photoinduced Electron Transfer and Charge Stabilization in Donor-Acceptor Dyads Capable of Harvesting Near-Infrared Light. <i>Chemistry - A European Journal</i> , 2015, 21, 11483-11494.	1.7	49
345	Vibrational characteristics of diethyltoluenediamines (DETDA) functionalized carbon nanotubes using molecular dynamics simulations. <i>Physica B: Condensed Matter</i> , 2015, 459, 58-61.	1.3	23
346	Linear assembly of a porphyrin-C <sub>60</sub> complex confined in vertical nanocylinders of amphiphilic block copolymer films. <i>Chemical Communications</i> , 2015, 51, 1685-1688.	2.2	5

#	ARTICLE	IF	CITATIONS
347	Comparative performance of carbon nanotube and organo montmorillonite as a thermo-oxidative-stabilizing modifier for polypropylene- and polyethylene-based thermoplastic composites. <i>Journal of Thermoplastic Composite Materials</i> , 2015, 28, 1423-1444.	2.6	4
348	Photophysical properties and applications of coordination complexes incorporating pyrene. <i>Coordination Chemistry Reviews</i> , 2015, 282-283, 139-149.	9.5	79
349	Laser-induced pinpoint hydrogen evolution from benzene and water using metal free single-walled carbon nanotubes with high quantum yields. <i>Chemical Science</i> , 2015, 6, 666-674.	3.7	7
350	Elastic properties and buckling behavior of single-walled carbon nanotubes functionalized with diethyltoluenediamines using molecular dynamics simulations. <i>Superlattices and Microstructures</i> , 2015, 77, 54-63.	1.4	35
351	Probing Supramolecular Interactions between a Crown Ether Appended Zinc Phthalocyanine and an Ammonium Group Appended to a C <sub>60</sub> Derivative. <i>Chemistry - A European Journal</i> , 2016, 22, 2051-2059.	1.7	13
352	High Performance PbS Quantum Dot/Graphene Hybrid Solar Cell with Efficient Charge Extraction. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 13902-13908.	4.0	72
353	Iron phthalocyanine-graphene donor-acceptor hybrids for visible-light-assisted degradation of phenol in the presence of H <sub>2</sub> O <sub>2</sub> . <i>Applied Catalysis B: Environmental</i> , 2016, 192, 182-192.	10.8	93
354	Carbon nanotube hybrid nanostructures: future generation conducting materials. <i>Journal of Materials Chemistry A</i> , 2016, 4, 9347-9361.	5.2	47
355	Synthesis and characterization of nanocomposites based on poly(3-hexylthiophene)-graft-carbon nanotubes with LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> and its application as potential cathode materials for lithium-ion batteries. <i>Bulletin of Materials Science</i> , 2016, 39, 1177-1184.	0.8	4
356	Direct Measurement of Electron Transfer in Nanoscale Host-Guest Systems: Metallocenes in Carbon Nanotubes. <i>Chemistry - A European Journal</i> , 2016, 22, 13540-13549.	1.7	18
357	Formation of Coaxial Nanocables with Amplified Supramolecular Chirality through an Interaction between Carbon Nanotubes and a Chiral Gelator. <i>Angewandte Chemie</i> , 2016, 128, 10501-10505.	1.6	10
358	Formation of Coaxial Nanocables with Amplified Supramolecular Chirality through an Interaction between Carbon Nanotubes and a Chiral Gelator. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10345-10349.	7.2	22
359	Ultrafast dynamics in unaligned MWCNTs decorated with metal nanoparticles. <i>Nanotechnology</i> , 2016, 27, 235704.	1.3	1
360	Synthesis and characterization of multiwalled carbon nanotubes-protoporphyrin IX composites using acid functionalized or nitrogen doped carbon nanotubes. <i>Diamond and Related Materials</i> , 2016, 70, 65-75.	1.8	4
361	Green Manufacturing and the Application of High-Temperature Polymer-Polyphosphazenes. , 2016, , 603-646.		2
362	Engaging Copper(III) Corrole as an Electron Acceptor: Photoinduced Charge Separation in Zinc Porphyrin-Copper Corrole Donor-Acceptor Conjugates. <i>Chemistry - A European Journal</i> , 2016, 22, 1301-1312.	1.7	25
363	Preparation of carbon nanotubes/poly(lactic acid) nanocomposites using a non-covalent method. <i>Polymer Bulletin</i> , 2016, 73, 2121-2128.	1.7	17
364	Ultrafast electron transfer in all-carbon-based SWCNT-C <sub>60</sub> donor-acceptor nanoensembles connected by poly(phenylene-ethylene) spacers. <i>Nanoscale</i> , 2016, 8, 14716-14724.	2.8	18

#	ARTICLE	IF	CITATIONS
365	Design and photochemical study of supramolecular donor-acceptor systems assembled via metal-ligand axial coordination. <i>Coordination Chemistry Reviews</i> , 2016, 322, 104-141.	9.5	172
366	Charge transport and optical properties of the complexes of indigo wrapped over carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 14040-14045.	1.3	11
367	Nickel cluster functionalised carbon nanotube for CO molecule detection: a theoretical study. <i>Molecular Physics</i> , 2016, 114, 671-680.	0.8	8
368	Cobalt ferrite nanoparticles decorated on exfoliated graphene oxide, application for amperometric determination of NADH and H <sub>2</sub> O <sub>2</sub> . <i>Materials Science and Engineering C</i> , 2016, 60, 276-284.	3.8	55
369	Spectroscopic studies of porphyrin functionalized multiwalled carbon nanotubes and their interaction with TiO <sub>2</sub> nanoparticles surface. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 22-29.	2.0	20
370	SnO <sub>2</sub> -decorated multiwalled carbon nanotubes and Vulcan carbon through a sonochemical approach for supercapacitor applications. <i>Ultrasonics Sonochemistry</i> , 2016, 29, 205-212.	3.8	39
371	Nanocarbons as Electron Donors and Acceptors in Photoinduced Electron-Transfer Reactions. <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, M3055-M3061.	0.9	17
372	Design of CdTeSe-Porphyrin-Graphene Composite for Photoinduced Electron Transfer and Photocurrent Generation. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3002-3010.	3.2	31
373	Noncovalent functionalization of carbon nanotube using poly(vinylcarbazole)-based compatibilizer for reinforcement and conductivity improvement in epoxy composite. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	24
374	Iron and Cobalt Corroles in Solution and on Carbon Nanotubes as Molecular Photocatalysts for Hydrogen Production by Water Reduction. <i>ChemCatChem</i> , 2017, 9, 3259-3268.	1.8	16
375	Fluorescence Lifetime Imaging and Super-Resolution Microscopies Shed Light on the Directed and Self-Assembly of Functional Porphyrins onto Carbon Nanotubes and Flat Surfaces. <i>Chemistry - A European Journal</i> , 2017, 23, 9772-9789.	1.7	16
376	Organic photovoltaic cells using MWCNTs. <i>New Carbon Materials</i> , 2017, 32, 27-34.	2.9	14
377	Screen-printed enzymatic glucose biosensor based on a composite made from multiwalled carbon nanotubes and palladium containing particles. <i>Mikrochimica Acta</i> , 2017, 184, 1987-1996.	2.5	18
378	Synthesis and Characterization of Polycyclic Aromatic Hydrocarbons with Different Spatial Constructions Based on Hexaphenylbenzene Derivatives. <i>Chemistry - an Asian Journal</i> , 2017, 12, 3016-3026.	1.7	5
379	Porphyrin Antennas on Carbon Nanodots: Excited State Energy and Electron Transduction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12097-12101.	7.2	58
380	Understanding Noncovalent Interactions of Small Molecules with Carbon Nanotubes. <i>Chemistry - A European Journal</i> , 2017, 23, 12909-12916.	1.7	30
381	Porphyrin Antennas on Carbon Nanodots: Excited State Energy and Electron Transduction. <i>Angewandte Chemie</i> , 2017, 129, 12265-12269.	1.6	16
382	Highly reducible $\pi$ -extended copper corroles. <i>Dalton Transactions</i> , 2017, 46, 10014-10022.	1.6	21

#	ARTICLE	IF	CITATIONS
383	Controllable deposition of titanium dioxides onto carbon nanotubes in aqueous solutions. <i>Integrated Ferroelectrics</i> , 2017, 183, 43-53.	0.3	3
384	Carbon Nanohorns Modified with Conjugated Terthienyl/Terthiophene Structures: Additives to Enhance the Performance of Dye-Sensitized Solar Cells. <i>Nanomaterials</i> , 2017, 7, 294.	1.9	4
385	Polymer Twin Screw Extrusion With Filler Powder Reinforcement. , 2017, , 691-705.		2
386	Indirect functionalization of multiwalled carbon nano tubes through non-covalent interaction of functional polyesters. <i>Polymer</i> , 2018, 141, 213-220.	1.8	26
387	Hybrid materials of 1D and 2D carbon allotropes and synthetic ĩ€-systems. <i>NPG Asia Materials</i> , 2018, 10, 107-126.	3.8	49
388	Edge-on and face-on functionalized Pc on enriched semiconducting SWCNT hybrids. <i>Nanoscale</i> , 2018, 10, 5205-5213.	2.8	18
389	Influence of surface-functionalized multi-walled carbon nanotubes on CdS nanohybrids for effective photocatalytic hydrogen production. <i>Applied Catalysis B: Environmental</i> , 2018, 236, 294-303.	10.8	78
390	Nanodiamond: a multitalented material for cutting edge solar cell application. <i>Materials Research Innovations</i> , 2018, 22, 302-314.	1.0	19
391	Carbon Nanotubes with Cobalt Corroles for Hydrogen and Oxygen Evolution in pHĤ€...0Ĥ€“14 Solutions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15070-15075.	7.2	158
392	An effective Ĥ€œthree-in-oneĤ€ screening assay for testing drug and nanoparticle toxicity in human endothelial cells. <i>PLoS ONE</i> , 2018, 13, e0206557.	1.1	11
393	Carbon Nanotubes with Cobalt Corroles for Hydrogen and Oxygen Evolution in pHĤ€...0Ĥ€“14 Solutions. <i>Angewandte Chemie</i> , 2018, 130, 15290-15295.	1.6	27
394	Supramolecular Hybrids of MoS<sub>2</sub> and Graphene Nanosheets with Organic Chromophores for Optoelectronic Applications. <i>ACS Applied Nano Materials</i> , 2018, 1, 5101-5107.	2.4	13
395	Exploring the novel donor-nanotube archetype as an efficient third-order nonlinear optical material: asymmetric open-shell carbon nanotubes. <i>Nanoscale</i> , 2018, 10, 16499-16507.	2.8	37
396	Ruthenium oxideĤ€ carbon-based nanofiller-reinforced conducting polymer nanocomposites and their supercapacitor applications. <i>Polymer Bulletin</i> , 2019, 76, 2601-2619.	1.7	20
397	Optimization of surface roughness and delamination factor in end milling of graphene modified GFRP using response surface methodology. <i>Materials Today: Proceedings</i> , 2019, 19, 133-139.	0.9	22
398	Design, Synthesis, and Functionalization Strategies of Tailored Carbon Nanodots. <i>Accounts of Chemical Research</i> , 2019, 52, 2070-2079.	7.6	172
399	Bidirectional charge-transfer behavior in carbon-based hybrid nanomaterials. <i>Nanoscale</i> , 2019, 11, 14978-14992.	2.8	20
400	IoT & Big Data in Smart Healthcare (ECG Monitoring). , 2019, , .		26

#	ARTICLE	IF	CITATIONS
401	Star-shaped magnesium tetraethynylporphyrin bearing four peripheral electron-accepting diketopyrrolopyrrole functionalities for organic solar cells. <i>Journal of Materials Chemistry A</i> , 2019, 7, 4072-4083.	5.2	24
402	Amperometric H <sub>2</sub> O <sub>2</sub> sensor based on gold nanoparticles/poly (celestine blue) nanohybrid film. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	5
403	Controlled assembly of Ag nanoparticles on the surface of phosphate pillar [6]arene functionalized single-walled carbon nanotube for enhanced catalysis and sensing performance. <i>Electrochimica Acta</i> , 2019, 318, 711-719.	2.6	23
404	Control loading Au nanoparticles on the surface of hydroxyl pillar[5]arene functionalized single-walled carbon nanotubes and its application in catalysis and sensing. <i>Sustainable Energy and Fuels</i> , 2019, 3, 2312-2320.	2.5	10
405	Fluorophore-Decorated Carbon Nanotubes with Enhanced Photothermal Activity as Antimicrobial Nanomaterials. <i>ACS Omega</i> , 2019, 4, 5556-5564.	1.6	19
406	Organic Molecular Tuning of Many-Body Interaction Energies in Air-Suspended Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2019, 123, 5776-5781.	1.5	7
407	Electrosynthesis of thin films of polythiophenes containing pyrene groups and flexible spacers, useful in the preparation of graphene polymer composites. <i>MRS Advances</i> , 2019, 4, 3233-3242.	0.5	1
408	Confined hetero double helix structure induced by graphene nanoribbon. <i>2D Materials</i> , 2019, 6, 034001.	2.0	5
409	Vibrational study of Bithiophene encapsulated in Single Wall Carbon Nanotube Using the Infrared Calculations. , 2020, , .		0
410	An Electronic and Optically Controlled Bifunctional Transistor Based on a Bio-“Nano Hybrid Complex. <i>ACS Omega</i> , 2020, 5, 9702-9706.	1.6	6
411	A one adsorbent QuEChERS method coupled with LC-MS/MS for simultaneous determination of 10 organophosphorus pesticide residues in tea. <i>Food Chemistry</i> , 2020, 321, 126657.	4.2	57
412	A multifunctional carbon nanotube reinforced nanocomposite modified via soy protein isolate: A study on dispersion, electrical and mechanical properties. <i>Carbon</i> , 2020, 161, 350-358.	5.4	20
413	Tangled silver nanoparticles embedded polythiophene-functionalized multiwalled carbon nanotube nanocomposites with remarkable electrical and thermal properties. <i>Polymer</i> , 2020, 189, 122171.	1.8	18
414	Panchromatic Light Harvesting and Stabilizing Charge-Separated States in Corrole-Phthalocyanine Conjugates through Coordinating a Subphthalocyanine. <i>Chemistry - A European Journal</i> , 2020, 26, 13451-13461.	1.7	10
415	Effect of interaction between conjugated polymers and nanofillers on sensing properties. , 2021, , 237-263.		0
416	Spatially isolated redox processes enabled by ambipolar charge transport in multi-walled carbon nanotube mats. <i>Materials Horizons</i> , 2021, 8, 1304-1313.	6.4	3
417	ITO conducting coatings properties improvement via nanotechnology approach. <i>Nano Express</i> , 2021, 2, 010006.	1.2	5
418	Sensing Materials: Nanocomposites. , 2023, , 305-315.		1

#	ARTICLE	IF	CITATIONS
419	Titania containing natural clay doped with carbon nanotubes for enhanced natural photocatalytic discoloration of wastewater. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	5
420	Carbon Nanotubes and its Potential Application in Sensing. <i>ChemistrySelect</i> , 2021, 6, 9571-9590.	0.7	8
421	Methylene blue embedded duplex DNA as an efficient signal stimulator of petal-like BiVO <sub>4</sub> for ultrasensitive photoelectrochemical bioassay. <i>Analytica Chimica Acta</i> , 2021, 1182, 338945.	2.6	9
422	Hydrogen Production by Water Biophotolysis. <i>Advances in Photosynthesis and Respiration</i> , 2014, , 101-135.	1.0	13
423	Parametric Optimization of Surface Roughness and Delamination Damage in End Milling Operation of GFRP Laminate Modified With MWCNT. <i>Materials Today: Proceedings</i> , 2020, 22, 2798-2807.	0.9	6
424	Biomimetic micro/nano structures for biomedical applications. <i>Nano Today</i> , 2020, 35, 100980.	6.2	69
425	Application of Multiporphyrin Arrays to Solar Energy Conversion. , 2012, , 439-498.		1
426	Multiporphyrins-Fullerenes and Multiporphyrins-SWCNTs Mimicking Photosynthetic Antenna-Reaction Center. , 2012, , 389-437.		27
427	Photoinduced electron transfer processes of single-wall carbon nanotube (SWCNT)â€‘based hybrids. <i>Nanophotonics</i> , 2020, 9, 4689-4701.	2.9	10
428	Advances in Carbon Based Nanomaterials for Bio-Medical Applications. <i>Current Medicinal Chemistry</i> , 2019, 26, 6851-6877.	1.2	82
429	Conducting Polymers with Functional Dopants and their Applications in Energy, Environmental Technology, and Nanotechnology. <i>Clean Technology</i> , 2015, 21, 12-21.	0.1	4
430	Artificial Photosynthetic Reaction Center. , 2010, , 111-132.		1
431	IMPROVEMENT OF THE SOLUBILITY OF MULTIWALLED CARBON NANOTUBES WITH DISUBSTITUTED POLYACETYLENES BEARING DIFFERENT SIDE-CHAINS. <i>Acta Polymerica Sinica</i> , 2009, 007, 901-904.	0.0	0
432	Chemical reactivity of graphene. , 2011, , 243-264.		0
433	Odd electronâ€‘enhanced chemical reactivity of carbon nanotubes. , 2011, , 221-242.		0
434	Luminescence Quenching of a Novel Phosphorescent Ir(III) Complex/MWCNT Hybrid. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 1367-1370.	1.0	0
435	Reviewâ€‘Two Different Multiple Photosynthetic Reaction Centers Using Either Zinc Porphyrinic Oligopeptide-Fulleropyrrolidine or Free-Base Porphyrinic Polypeptide-Li+@C60 Supramolecular Complexes. <i>ECS Journal of Solid State Science and Technology</i> , 2020, 9, 061026.	0.9	2
436	Polymer/graphene nanocomposites as versatile platforms for energy and electronic devices. , 2022, , 173-196.		0



#	ARTICLE	IF	CITATIONS
437	Corroles at work: a small macrocycle for great applications. <i>Chemical Society Reviews</i> , 2022, 51, 1277-1335.	18.7	67
438	Biological recognition elements. , 2022, , 213-239.		1
439	Self-supported Co <sub>9</sub> S <sub>8</sub> -Ni <sub>3</sub> S <sub>2</sub> -CNTs/NF electrode with superwetting multistage micro-nano structure for efficient bifunctional overall water splitting. <i>Journal of Colloid and Interface Science</i> , 2022, 616, 287-297.	5.0	33
440	Through-Bond-Driven Through-Space Interactions in a Fullerene C <sub>60</sub> Noncovalent Dyad: An Unusual Strong Binding between Spherical and Planar $\pi$ Electron Clouds and Culmination of Dyadic Fractals. <i>Journal of Physical Chemistry A</i> , 2022, 126, 3629-3641.	1.1	4
441	Exploring the Threshold between Fullerenes and Nanotubes: Characterizing Isomerically Pure, Empty-Caged, and Tubular Fullerenes <i>D<sub>5h</sub></i> -C <sub>90</sub> and <i>D<sub>5d</sub></i> -C <sub>100</sub> . <i>Journal of the American Chemical Society</i> , 2022, 144, 10825-10829.	6.6	10
442	Characterization of hydrophilic carbon nanohorns prepared by the arc-in-water method. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2022, 77, 651-655.	0.3	3
444	Non-covalent modification of single wall carbon nanotubes (SWCNTs) by thienothiophene derivatives. <i>Nanoscale</i> , 2022, 14, 16602-16610.	2.8	9
445	Mechanically interlocked derivatives of carbon nanotubes: synthesis and potential applications. <i>Chemical Society Reviews</i> , 2022, 51, 9433-9444.	18.7	13
446	Polymer/fullerene nanomaterials in optoelectronic devices: Photovoltaics, light-emitting diodes, and optical sensors. , 2023, , 153-174.		0
447	Advanced polymer/fullerene nanowhisker nanocomposites. , 2023, , 87-106.		0
450	Nanocomposite of PVC with CNT. <i>Engineering Materials</i> , 2024, , 241-260.	0.3	0
451	Advances in colorimetric aptasensors for heavy metal ion detection utilizing nanomaterials: a comprehensive review. <i>Analytical Methods</i> , 2023, 15, 6320-6343.	1.3	1