

Sustainable Life Cycles of Natural-Precursor-Derived N

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Chemical Composition, Antibacterial Properties and Mechanism of Action of Essential Oil from Clove Buds against <i>Staphylococcus aureus</i> . <i>Molecules</i> , 2016, 21, 1194.	3.8	165
2	Synergistic Effect of Atmospheric-pressure Plasma and TiO ₂ Photocatalysis on Inactivation of <i>Escherichia coli</i> Cells in Aqueous Media. <i>Scientific Reports</i> , 2016, 6, 39552.	3.3	59
3	Plant-derived cis- β -ocimene as a precursor for biocompatible, transparent, thermally-stable dielectric and encapsulating layers for organic electronics. <i>Scientific Reports</i> , 2016, 6, 38571.	3.3	10
5	Influence of Nanotoxicity on Human Health and Environment: The Alternative Strategies. <i>Reviews of Environmental Contamination and Toxicology</i> , 2016, 242, 61-104.	1.3	37
6	Unique elastic N-doped carbon nanofibrous microspheres with hierarchical porosity derived from renewable chitin for high rate supercapacitors. <i>Nano Energy</i> , 2016, 27, 482-491.	16.0	299
7	Plasma enhanced vortex fluidic device manipulation of graphene oxide. <i>Chemical Communications</i> , 2016, 52, 10755-10758.	4.1	10
8	Non-equilibrium plasma prevention of <i>Schistosoma japonicum</i> transmission. <i>Scientific Reports</i> , 2016, 6, 35353.	3.3	17
9	Effects of Atmospheric-Pressure N ₂ , He, Air, and O ₂ Microplasmas on Mung Bean Seed Germination and Seedling Growth. <i>Scientific Reports</i> , 2016, 6, 32603.	3.3	142
10	Water-Based Photo- and Electron-Beam Lithography Using Egg White as a Resist. <i>Advanced Materials Interfaces</i> , 2017, 4, 1601223.	3.7	23
11	Initiating radical reactions with non-thermal plasmas. <i>Chemical Communications</i> , 2017, 53, 3685-3688.	4.1	39
12	Photostability of plasma polymerized β -terpinene thin films for encapsulation of OPV. <i>Scientific Reports</i> , 2017, 7, 45599.	3.3	27
13	Synergic bactericidal effects of reduced graphene oxide and silver nanoparticles against Gram-positive and Gram-negative bacteria. <i>Scientific Reports</i> , 2017, 7, 1591.	3.3	130
14	Carbonaceous aerogel and CoNiAl-LDH@CA nanocomposites derived from biomass for high performance pseudo-supercapacitor. <i>Science Bulletin</i> , 2017, 62, 841-845.	9.0	32
15	High surface hierarchical carbon nanowalls synthesized by plasma deposition using an aromatic precursor. <i>Carbon</i> , 2017, 118, 578-587.	10.3	18
16	Soya derived heteroatom doped carbon as a promising platform for oxygen reduction, supercapacitor and CO ₂ capture. <i>Carbon</i> , 2017, 114, 679-689.	10.3	134
17	Facile one-pot synthesis of iron nanoparticles immobilized into the porous hydrochar for catalytic decomposition of phenol. <i>Applied Catalysis B: Environmental</i> , 2017, 204, 566-576.	20.2	129
18	Biomass derived carbon for energy storage devices. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2411-2428.	10.3	632
19	Coral Reef-Like Carbon Nanomaterial: Synthesis, Characterization and Mechanism Study. <i>ChemistrySelect</i> , 2017, 2, 9792-9796.	1.5	0

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21	Improving oxidation efficiency through plasma coupled thin film processing. RSC Advances, 2017, 7, 47111-47115.	3.6	8
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23	Nitrogen and oxygen-codoped carbon nanospheres for excellent specific capacitance and cyclic stability supercapacitor electrodes. Chemical Engineering Journal, 2017, 330, 1166-1173.	12.7	106
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31	Metallic Biomaterials: Current Challenges and Opportunities. Materials, 2017, 10, 884.	2.9	410
32	Effects of Iodine Doping on Optoelectronic and Chemical Properties of Polyterpenol Thin Films. Nanomaterials, 2017, 7, 11.	4.1	42
33	Effect of Precursor on Antifouling Efficacy of Vertically-Oriented Graphene Nanosheets. Nanomaterials, 2017, 7, 170.	4.1	18
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39	Removal of organophosphorus pesticide residues from <i>Lycium barbarum</i> by gas phase surface discharge plasma. <i>Chemical Engineering Journal</i> , 2018, 342, 401-409.	12.7	81
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41	Towards universal plasma-enabled platform for the advanced nanofabrication: plasma physics level approach. <i>Reviews of Modern Plasma Physics</i> , 2018, 2, 1.	4.1	28
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43	Formation of nanocrystalline and amorphous carbon by high fluence swift heavy ion irradiation of a plasma polymerized polyterpenol thin film precursor. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46498.	2.6	2
44	Hall Thrusters With Permanent Magnets: Current Solutions and Perspectives. <i>IEEE Transactions on Plasma Science</i> , 2018, 46, 239-251.	1.3	10
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51	Recent advances in the synthesis and modification of carbon-based 2D materials for application in energy conversion and storage. <i>Progress in Energy and Combustion Science</i> , 2018, 67, 115-157.	31.2	271
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55	Cold atmospheric plasma activated water as a prospective disinfectant: the crucial role of peroxyxynitrite. <i>Green Chemistry</i> , 2018, 20, 5276-5284.	9.0	302
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