

Converting Graphene Oxide Monolayers into Boron Carbon Nitride Substitutional Doping

Small

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Advances in 2D boron nitride nanostructures: nanosheets, nanoribbons, nanomeshes, and hybrids with graphene. <i>Nanoscale</i> , 2012, 4, 6908.	2.8	745
2	Modelling magnetism of C at O and B monovacancies in graphene. <i>Carbon</i> , 2013, 64, 281-287.	5.4	35
4	Direct synthesis of electrical-conductivity-controlled boron-carbonitride films on SiO ₂ substrates. <i>Journal of the Korean Physical Society</i> , 2013, 63, 1152-1155.	0.3	2
5	Microwave-assisted synthesis of nitrogen and boron co-doped graphene and its application for enhanced electrochemical detection of hydrogen peroxide. <i>RSC Advances</i> , 2013, 3, 22597.	1.7	47
6	Pyrolytic synthesis of boron-doped graphene and its application as electrode material for supercapacitors. <i>Electrochimica Acta</i> , 2013, 108, 666-673.	2.6	200
7	Two-Step Boron and Nitrogen Doping in Graphene for Enhanced Synergistic Catalysis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3110-3116.	7.2	863
8	Graphene-analogous low-dimensional materials. <i>Progress in Materials Science</i> , 2013, 58, 1244-1315.	16.0	684
9	Microscopic View on a Chemical Vapor Deposition Route to Boron-Doped Graphene Nanostructures. <i>Chemistry of Materials</i> , 2013, 25, 1490-1495.	3.2	130
10	Incorporation of small BN domains in graphene during CVD using methane, boric acid and nitrogen gas. <i>Nanoscale</i> , 2013, 5, 6552.	2.8	74
11	Incorporate boron and nitrogen into graphene to make BCN hybrid nanosheets with enhanced microwave absorbing properties. <i>Carbon</i> , 2013, 61, 200-208.	5.4	159
12	Investigation on the electronic structure of BN nanosheets synthesized via carbon-substitution reaction: the arrangement of B, N, C and O atoms. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 6929.	1.3	28
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15	Controllable Synthesis of Doped Graphene and Its Applications. <i>Small</i> , 2014, 10, 2975-2991.	5.2	58
16	Catalyst-Free Synthesis of Crumpled Boron and Nitrogen Co-Doped Graphite Layers with Tunable Bond Structure for Oxygen Reduction Reaction. <i>ACS Nano</i> , 2014, 8, 3313-3321.	7.3	258
17	Direct chemical conversion of graphene to boron- and nitrogen- and carbon-containing atomic layers. <i>Nature Communications</i> , 2014, 5, 3193.	5.8	198
18	Boron-doped graphene as a high-efficiency counter electrode for dye-sensitized solar cells. <i>Chemical Communications</i> , 2014, 50, 3328.	2.2	107
19	Graphene oxide based BCNO hybrid nanostructures: tunable band gaps for full colour white emission. <i>RSC Advances</i> , 2014, 4, 26855-26860.	1.7	22

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21	Fluorescence from graphene oxide and the influence of ionic, π - π interactions and heterointerfaces: electron or energy transfer dynamics. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 21183-21203.	1.3	38
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37	Green synthetic strategy of BCNO nanostructure and phosphor-based light emitting diodes. <i>Journal of Luminescence</i> , 2016, 179, 501-510.	1.5	13
38	Recent advances in hybrid graphene-BN planar structures. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2016, 6, 65-82.	6.2	32

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51	Nitrogen Graphene: A New and Exciting Generation of Visible Light Driven Photocatalyst and Energy Storage Application. <i>ACS Omega</i> , 2018, 3, 1801-1814.	1.6	28
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