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## A chemical route to graphene for device applications

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1817	Giant fullerenes, high-yield graphene production, bioactive nanostructures, better electron microscopes, and more. <b>2007</b> , 2, 738-739		
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1810	Theoretical study of third-order nonlinear optical properties in square nanographenes with open-shell singlet ground states. <b>2008</b> , 467, 120-125		93
1809	Transparent graphene/PEDOT/PSS composite films as counter electrodes of dye-sensitized solar cells. <b>2008</b> , 10, 1555-1558		736
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1616	Fast and simple fabrication of a large transparent chemically-converted graphene film by spray-coating. <b>2010</b> , 48, 1945-1951	271
1615	Improvement of mechanical properties of graphene oxide/poly(allylamine) composites by chemical crosslinking. <b>2010</b> , 48, 3376-3381	115
1614	Preparation of carbon-based transparent and conductive thin films by pyrolysis of silylated graphite oxides. <b>2010</b> , 48, 4009-4014	15
1613	Direct reduction of graphene oxide films into highly conductive and flexible graphene films by hydrohalic acids. <b>2010</b> , 48, 4466-4474	1305
1612	Biological modification of carbon nanowalls with DNA strands and hybridization experiments with complementary and mismatched DNA. <b>2010</b> , 485, 196-201	13
1611	Gaseous products of thermo- and photo-reduction of graphite oxide. <b>2010</b> , 498, 287-291	57
1610	A glucose/O <sub>2</sub> biofuel cell base on nanographene platelet-modified electrodes. <b>2010</b> , 12, 869-871	48
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1608	Graphene, a promising transparent conductor. <b>2010</b> , 13, 52-59	407
1607	Control of number of graphene layers grown by chemical vapor deposition. <b>2010</b> , 7, 2785-2788	23
1606	Oriented arrays of graphene in a polymer matrix by in situ reduction of graphite oxide nanosheets. <b>2010</b> , 6, 205-9	128

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1600	Patterned growth of graphene over epitaxial catalyst. <b>2010</b> , 6, 1226-33	33
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1592	Voltage-induced incandescent light emission from large-area graphene films. <b>2010</b> , 96, 143107	28
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1588	Electrical Characterization of 5 MeV Proton-Irradiated Few Layer Graphene. <b>2010</b> , 13, K32	11

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1554	Gold nanoparticles/L-cysteine/graphene composite based immobilization strategy for an electrochemical immunosensor. <b>2010</b> , 2, 1692	30
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