## Towards wafer-size graphene layers by atmospheric precarbide

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<ul> <li>217</li> <li>219</li> <li>220</li> <li>221</li> <li>222</li> <li>223</li> <li>224</li> <li>225</li> </ul>	Electronic conduction in polymers, carbon nanotubes and graphene. Chemical Society Reviews, 2011, 40, 3786.         Single Terrace Growth of Graphene on a Metal Surface. Nano Letters, 2011, 11, 1895-1900.         Strong metal adatomãé"substrate interaction of Cd and Fe with graphene. Journal of Physics Condensed Matter, 2011, 23, 045005.         Scanning Tunneling Microscopy and X-ray Photoelectron Spectroscopy Studies of Graphene Films Prepared by Sonication-Assisted Dispersion. ACS Nano, 2011, 5, 6102-6108.         Multivalent Binding Motifs for the Noncovalent Functionalization of Graphene. Journal of the American Chemical Society, 2011, 133, 17614-17617.         Technology and Application Opportunities for SiC-FET Gas Sensors. Springer Series on Chemical Sensors and Biosensors, 2011, , 189-214.         Fabrication of Uniform Graphene Discs          Scanversion of Self-Assembled Monolayers into Nanocrystalline Graphene: Structure and Electric Transport. ACS Nano, 2011, 5, 3896-3904.	<ol> <li>18.7</li> <li>4.5</li> <li>0.7</li> <li>7.3</li> <li>6.6</li> <li>0.5</li> <li>7.3</li> <li>7.3</li> </ol>	<ul> <li>186</li> <li>68</li> <li>30</li> <li>56</li> <li>149</li> <li>4</li> <li>24</li> <li>97</li> </ul>

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294 295 296 297 298	Catalyst-free growth of nanographene films on various substrates. Nano Research, 2011, 4, 315-321.         Sodium citrate: A universal reducing agent for reduction / decoration of graphene oxide with au nanoparticles. Nano Research, 2011, 4, 599-611.         Multidimensional characterization, Landau levels and Density of States in epitaxial graphene grown on SiC substrates. Nanoscale Research Letters, 2011, 6, 141.         Multiscale investigation of graphene layers on 6H-SiC(000-1). Nanoscale Research Letters, 2011, 6, 171.         Nanoscale structural characterization of epitaxial graphene grown on off-axis 4H-SiC (0001). Nanoscale Research Letters, 2011, 6, 269.         Growth and characterization of graphene by chemical reduction of graphene oxide in solution. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 2335-2338.	<ol> <li>5.8</li> <li>5.8</li> <li>3.1</li> <li>3.1</li> <li>3.1</li> <li>0.8</li> </ol>	220 160 5 17 50
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<ul> <li>677</li> <li>678</li> <li>679</li> <li>680</li> <li>681</li> <li>682</li> <li>683</li> <li>684</li> </ul>	Graphene â€" Properties and Characterization., 2013,, 39-82.         Isolation of high quality graphene from Ru by solution phase intercalation. Applied Physics Letters, 2013, 103, .         Local transport measurements on epitaxial graphene. Applied Physics Letters, 2013, 103, .         Structural Determination of Thermally and Hydrazine Treated Graphene Oxide Using Electron Spectroscopic Analysis. Journal of Physical Chemistry C, 2013, 117, 21312-21319.         Epitaxial assembly of graphene on face (0001) of silicon carbide: Modeling by semiempirical methods. Russian Journal of Physical Chemistry A, 2013, 87, 1739-1748.         Impact of carbon material on RF MEMS switch., 2013, ,.         Graphene chemical sensors for heliophysics applications. Radiation Effects and Defects in Solids, 2013, 168, 805-811.         Future of Biosensors: A Personal View. Advances in Biochemical Engineering/Biotechnology, 2013, 140, 1-28.	1.5 1.5 0.1 0.4	7         22         23         20         2         1         11

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