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Electric field effect in ultrathin black phosphorus

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#	Paper	IF	Citations
1092	Anisotropic charged impurity-limited carrier mobility in monolayer phosphorene. 2014 , 116, 214505		26
1091	Electron-doped phosphorene: A potential monolayer superconductor. 2014 , 108, 67004		74
1090	Dirac fermions in blue-phosphorus. <i>2D Materials</i> , 2014 , 1, 031002	5.9	29
1089	Temporal and Thermal Stability of Al ₂ O ₃ -Passivated Phosphorene MOSFETs. 2014 , 35, 1314-1316		68
1088	Phosphorene nanoribbons. 2014 , 108, 47005		118
1087	Tiling phosphorene. 2014 , 8, 12763-8		109
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1082	Hinge-like structure induced unusual properties of black phosphorus and new strategies to improve the thermoelectric performance. 2014 , 4, 6946		181
1081	The Effect of Dielectric Capping on Few-Layer Phosphorene Transistors: Tuning the Schottky Barrier Heights. 2014 , 35, 795-797		142
1080	Effective passivation of exfoliated black phosphorus transistors against ambient degradation. <i>Nano Letters</i> , 2014 , 14, 6964-70	11.5	1117
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