

# Publications

**1 Tuning the Graphene on Ir(111) adsorption regime by Fe/Ir surface-alloying.**

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**3 Highly-ordered wide bandgap materials for quantized anomalous Hall and magnetoelectric effects.**

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**5 Importance of a fully anharmonic treatment of equilibrium isotope fractionation properties of dissolved ionic species as evidenced by Li+(aq).**

Dupuis R, Benoit M, Tuckerman ME, and Meheut M. Accounts of Chemical Research 50, 1597 (2017).

**6 Strain dependent light-off temperature in catalysis revealed by planar laser-induced fluorescence.**

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**7 Reply to “comment on ‘spin-orbit coupling induced gap in graphene on Pt(111) with intercalated Pb monolayer’”.**

Klimovskikh II, Otrokov MM, Voroshnin VY, Sostina D, Petaccia L, Di Santo G, Thakur S, Chulkov EV, and Shikin AM.

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**8 Width-dependent band gap in armchair graphene nanoribbons reveals Fermi level pinning on Au(111).**

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ACS Nano 11, 11661 (2017).

**9 Polymerization of well-aligned organic nanowires on a ferromagnetic rare-earth surface alloy.**

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ACS Nano 11, 12392 (2017).

**10 Spin-orbit coupling induced gap in graphene on Pt(111) with intercalated Pb monolayer.**

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**11 Electric-field-driven direct desulfurization.**

Borca B, Michnowicz T, Petuya R, Pristl M, Schendel V, Pentegov I, Kraft U, Klauk H, Wahl P, Gutzler R, Arnau A, Schlickum U, and Kern K.

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**14 On-surface oligomerization of self terminating molecular chains for the design of spintronic devices.**

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