List of Publications

Matthias Bode

October 10, 2022

Articles

192. G. Wagner, S. Das, J. Jung, A. Odobesko, F. Küster, F. Keller, J. Korczak, A. Szczerbakow, T. Story, S. Parkin, R. Thomale, T. Neupert, M. Bode, and P. Sessi: *Interaction effects in a 1D flat band at a topological crystalline step edge*, submitted

191. J. Qi, P. M. Weber, T. Kißlinger, L. Hammer, M. A. Schneider, and M. Bode: *Reversible Tuning of Collinear versus Chiral Magnetic Order by Chemical Stimulus*, submitted

190. S. Toksabay, M. Leisegang, A. Christ, M. Bode, and A. Krueger: *Temperature-dependent self assembly of synthesized C-3 symmetric Me-TBTQ-Ph$_6$ on Cu(111)*, submitted

189. M. Leisegang, M. Böhme, D. Maiberger, P. Härtl, J. Kügel, and M. Bode: *Electron-induced switching processes of phthalocyanine molecules on $(\sqrt{3} \times \sqrt{3})$Bi/Ag(111)R30°: Tautomerization accompanied by rotation*, submitted

188. A. Christ, P. Härtl, P. Kloster, M. Bode, and M. Leisegang: *Tautomerization of HPc on Cu(111)*, Phys. Rev. Research **4**, 043016 (2022)

187. P. Härtl, M. Leisegang, and M. Bode: *Magnetic domain structure of epitaxial Gd films grown on W(110)*, Phys. Rev. B **105**, 174431 (2022)

186. F. Friedrich, R. Boshuis, M. Bode, and A. B. Odobesko: *Coupling of YSR states in 1D chains of Fe atoms on Nb(110)*, Phys. Rev. B **103**, 235437 (2021)

185. J. Jung, A. B. Odobesko, R. Boshuis, A. Szczerbakow, T. Story, and M. Bode: *A Systematic Investigation of the Coupling between One-Dimensional Edge States of a Topological Crystalline Insulator*, Phys. Rev. Lett. **126**, 236402 (2021)

184. R. Boshuis, A. B. Odobesko, F. Friedrich, J. Jung, and M. Bode: *A comparative growth study of ultra-thin Bi films on clean and oxygen-reconstructed Nb(110)*, Phys. Rev. Mat. **5**, 054801 (2021)

183. M. Leisegang, R. Schindhelm, J. Kügel, and M. Bode: *Anisotropic Ballistic Transport Revealed by Molecular Nanoprobe Experiments*, Phys. Rev. Lett. **126**, 146601 (2021)

182. M. Leisegang, A. Christ, S. Haldar, S. Heinze, and M. Bode: *Molecular chains — arranging and programming logic gates*, Nano Lett. **21**, 550 (2021)

181. A. B. Odobesko, D. Di Sante, A. Kowalski, S. Wilfert, F. Friedrich, R. Thomale, G. Sangiovanni, and M. Bode: *Observation of tunable single-atom Yu-Shiba-Rusinov states*, Phys. Rev. B **102**, 174504 (2020)

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179. M. Leisegang, T. Zenger, M. Bode, and J. Kügel: *Guiding a Proton — Controlled Directionality in a Single Molecule*, J. Chem. Phys. C **124**, 10727 (2020)

178. S. Meyer, M. Schmitt, M. Vogt, M. Bode, and S. Heinze: *Dead magnetic layers at the interface: Moment quenching through hybridization and frustration*, Phys. Rev. Research **2**, 012075 (2020)

177. M. Schmitt, C. H. Park, P. Weber, A. Jäger, J. Kemmer, M. Vogt, and M. Bode: *Structural and magnetic properties of 3d transition metal oxide chains on the (001) surfaces of Ir and Pt*, Phys. Rev. B **100**, 054431 (2019)

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