

List of Publications 2017

- [1] Ana Arauzo, Elena Bartolome, Andrew C. Benniston, Silvia Melnic, Sergiu Shova, Javier Luzon, Pablo J. Alonso, Anne-Laure Barra, and Juan Bartolome, “Slow magnetic relaxation in a dimeric Mn_2Ca_2 complex enabled by the large Mn(III) rhombicity,” *Dalton Trans.* **46**, 720–732 (2017).
- [2] Ashish Arora, Matthias Drüppel, Robert Schmidt, Thorsten Deilmann, Robert Schneider, Maciej R. Molas, Philipp Maruhn, Steffen Michaelis de Vasconcellos, Marek Potemski, Michael Rohlfing, and Rudolf Bratschitsch, “Interlayer excitons in a bulk van der Waals semiconductor,” *Nature Communications* **8**, 639 (2017).
- [3] Alain Audouard, Jean-Yves Fortin, David Vignolles, Rustem B. Lyubovskii, Loïc Drigo, Elena I. Zhilyaeva, and Rimma N. Lyubovskaya, “Quantum oscillations of a linear chain of coupled orbits with small effective masses: The organic metal θ -(BETS) $_4$ CoBr $_4$ (C $_6$ H $_4$ Cl $_2$),” *Synthetic Metals* **226**, 171 – 176 (2017).
- [4] Nathaniel T. Baker, Alban Poth  rat, Laurent Davoust, Fran  ois Debray, and Rico Klein, “Controlling the dimensionality of low-Rm MHD turbulence experimentally,” *Experiments in Fluids* **58**, 79 (2017).
- [5] Arun Kumar Bar, Nayanmoni Gogoi, C  line Pichon, V. M. L. Durga Prasad Goli, Mehrez Thlijeni, Carine Duhayon, Nicolas Suaud, Nathalie Guih  ry, Anne-Laure Barra, S. Ramasesha, and Jean-Pascal Sutter, “Pentagonal Bipyramid FeII Complexes: Robust Ising-Spin Units towards Heteropolynuclear Nanomagnets,” *Chemistry - A European Journal* **23**, 4380–4396 (2017).
- [6] M. Baranowski, A. Surrente, L. Klopotoski, J. M. Urban, N. Zhang, D. K. Maude, K. Wiwatowski, S. Mackowski, Y. C. Kung, D. Dumcenco, A. Kis, and P. Plochocka, “Probing the Interlayer Exciton Physics in a MoS $_2$ /MoSe $_2$ /MoS $_2$ van der Waals Heterostructure,” *Nano Letters* **17**, 6360–6365 (2017).
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- [11] Claude Berthier, Mladen Horvati  c, Marc-Henri Julien, Hadrien Mayaffre, and Steffen Kr  mer, “Nuclear magnetic resonance in high magnetic field: Application to condensed matter physics,” *Comptes Rendus Physique* **18**, 331 – 348 (2017).
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