

## Razvan Ababei – Activitatea de cercetare

3 art ISI, h-index 3, citări: Google scholar: 31, citări:

### Lista Lucrărilor

1. Ababei, R.V., Ellis, M.O.A., Vidamour, I.T. et al. Neuromorphic computation with a single magnetic domain wall, Scientific Reports, 11(1), 15587 (2021).  
<https://doi.org/10.1038/s41598-021-94975-y>
2. Razvan-V. Ababei, Matthew O. A. Ellis, Richard F. L. Evans, and Roy W. Chantrell Anomalous damping dependence of the switching time in Fe/FePt bilayer recording media, Physical Review B, 99, 024427, 2019.  
<https://doi.org/10.1103/PhysRevB.99.024427>
3. Matthew O. A. Ellis, Razvan-V. Ababei, Roger Wood, Richard F. L. Evans, and Roy W. Chantrell, Manifestation of higher-order inter-granular exchange in magnetic recording media, Applied Physics Letters, 111, 082405 (2017); <https://doi.org/10.1063/1.4990604>

- **Participari la conferinte nationale si internationale:**

1. 2015, posters session at IOP Conference, Sheffield, UK
2. 2016, posters session at Joint European Magnetic Symposia (JEMS), Glasgow, Scotland
3. 2017, presentation at Ultrafast Magnetism Conference, Kaiserslautern, Germany
4. 2017, presentation at Magnetism and Magnetic Materials (MMM), Pittsburgh, PA, USA
5. 2019, presentation at IOP Conference, Leeds, UK
6. 2021, presentation at IOP Magnetism (Online)
7. 2021, presentation at MMM (Online)
8. 2022, presentation at IOP Magnetism (Online)
9. 2022, presentation at ROMSC, Iasi