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Selected Publications

[1] **A. S. Sarkar***, and E. Stratakis*, Dispersion behaviour of two dimensional monochalcogenides, *Journal of Colloid and Interface Science*. **2021**, 594, 334-341.

[2] **A. S. Sarkar***, and E. Stratakis*, Recent advances in 2D metal monochalcogenides, *Advanced Science*, **2020**, 7, 2001655. *Editor's Choice*.

[3] **A. S. Sarkar**, A. Mushtaq, D. Kushavah and S. K. Pal, Liquid exfoliation of electronic grade ultrathin tin(II) sulfide (SnS) with intriguing optical response, *npj 2D Materials and Applications*, **2020**, 4, 1.

[4] **A. S. Sarkar***, I. Konidakis, I. Demeridou, E. Serpetzoglou, G. Kioseoglou and E. Stratakis*, Robust B-exciton emission at room temperature in few-layers of MoS₂:Ag nanoheterojunctions embedded into a glass matrix, *Scientific Reports*, **2020**, 10, 15697.

[5] **A. S. Sarkar** and S. K. Pal, A van der Waals p-n Heterojunction based on Polymer-2D Layered MoS₂ for Solution Processable Electronics, *Journal of Physical Chemistry C*, **2017**, 121, 21945.