

PUBLICATIONS:

- High-density individually addressable platinum nano-electrodes for biomedical applications. Vidur Raj, Aswani Gopakumar, Gayatri Vaidya, John Scott, Milos Toth, Chennupati Jagadish, Vini Gautam. Discover Materials volume 2, Article number: 6 (2022).
- Temperature and Size Effect on the Electrical Properties of Monolayer Graphene based Interconnects for Next Generation MQCA based Nanoelectronics. Sanghamitra Debroy, Santhosh Sivasubramani, Gayatri Vaidya, Swati Ghosh Acharyya & Amit Acharyya. Scientific Reports vol[1]ume 10, Article number: 6240 (2020).
- Polarization tunable all-dielectric color filters based on cross-shaped Si nanoantennas. Vishal Vashistha, Gayatri Vaidya, Pawel Gruszecki, Andriy E. Serebryannikov & Maciej Krawczyk. Scientific Reports 7, Article number: 8092 (2017).
- All-Dielectric Meta-surfaces based on Cross-Shaped Resonators for Color Pixels with Extended Gamut. Vishal Vashistha, Gayatri Vaidya, Ravi S. Hegde, Andriy E Serebryannikov, Nicolas Bonod, and Maciej Krawczyk. Journal: ACS Photonics, 2017
- Diagonally Aligned Squared Metal Nano-pillar with Increased Hotspot Density as a Highly Reproducible SERS Substrate. Nabadweep Chamuah, Gayatri P. Vaidya, Aneesh M. Joseph, Pabitra Nath. Springer Science+Business Media New York 2016 Plasmonics
- Joining of Broken Multiwall Carbon Nanotubes using an Electron Beam Induced Deposition (EBID) Technique. Shivani Dhall, Gayatri Vaidya, Neena Jaggi. Journal of Electronic Materials, 43, 9, pp. 3283-3289 (2014)
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