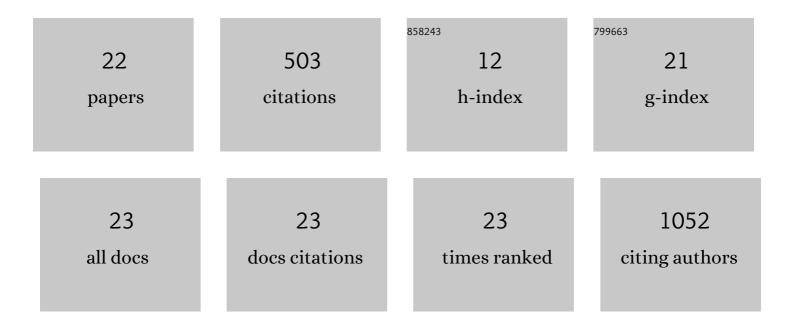
Vignesh Suresh

List of Publications by Year in descending order

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VICNESH SUDESH

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Block copolymer self-assembly assisted fabrication of laterally organized- and stacked- nanoarrays. Nanotechnology, 2022, 33, 135303. | 1.3 | 3 |
| 2 | Shaping and Tuning Lighting Conditions in Controlled Environment Agriculture: A Review. ACS Agricultural Science and Technology, 2022, 2, 3-16. | 1.0 | 23 |
| 3 | Non-invasive paper-based microfluidic device for ultra-low detection of urea through enzyme catalysis. Royal Society Open Science, 2018, 5, 171980. | 1.1 | 24 |
| 4 | Transparent heat regulating (THR) materials and coatings for energy saving window applications: Impact of materials design, micro-structural, and interface quality on the THR performance. Progress in Materials Science, 2018, 95, 42-131. | 16.0 | 128 |
| 5 | Fabrication of Large-Area Flexible SERS Substrates by Nanoimprint Lithography. ACS Applied Nano Materials, 2018, 1, 886-893. | 2.4 | 82 |
| 6 | Impact of molybdenum out diffusion and interface quality on the performance of sputter grown CZTS based solar cells. Scientific Reports, 2017, 7, 1350. | 1.6 | 60 |
| 7 | Ultrathin Film Broadband Terahertz Antireflection Coating Based on Impedance Matching Method. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 1-8. | 1.9 | 8 |
| 8 | Multi-layered metal nanocrystals in a sol-gel spin-on-glass matrix for flash memory applications. Materials Chemistry and Physics, 2017, 186, 36-43. | 2.0 | 4 |
| 9 | All earth abundant materials for low cost solar-driven hydrogen production. Materials Letters, 2016, 183, 183-186. | 1.3 | 9 |
| 10 | Copper Oxide Nano-particles Film On Glass By Using Sputter And Chemical Bath Deposition Technique. Advanced Materials Letters, 2016, 7, 600-603. | 0.3 | 7 |
| 11 | Defect Analysis And Performance Evaluation Of P-Type Epitaxial GaAs Layer On Ge Substrate For GaAs/Ge Based Advanced Device. Advanced Materials Letters, 2016, 7, 517-524. | 0.3 | 3 |
| 12 | Gold nanoparticles adsorption study onto periodic block copolymer using quartz crystal microbalance. Materials Letters, 2015, 148, 118-121. | 1.3 | 3 |
| 13 | Hierarchically Built Gold Nanoparticle Supercluster Arrays as Charge Storage Centers for Enhancing the Performance of Flash Memory Devices. ACS Applied Materials & Interfaces, 2015, 7, 279-286. | 4.0 | 13 |
| 14 | Flexible, transparent and robust SERS tapes through a two-step block copolymer self-assembly process. RSC Advances, 2015, 5, 61671-61677. | 1.7 | 24 |
| 15 | Gold nanoparticle density-multiplication by tuning block copolymer self-assembly processes toward increased charge storage. Journal of Materials Chemistry C, 2015, 3, 10121-10128. | 2.7 | 5 |
| 16 | Quantitative Detection with Surface Enhanced Raman Scattering (SERS) Using Self-Assembled Gold Nanoparticle Cluster Arrays. Australian Journal of Chemistry, 2013, 66, 1034. | 0.5 | 22 |
| 17 | In situ application of polyelectrolytes in zinc oxide nanorod synthesis: Understanding the effects on the structural and optical characteristics. Journal of Colloid and Interface Science, 2013, 394, 13-19. | 5.0 | 5 |
| 18 | In Situ Synthesis of High Density sub-50 nm ZnO Nanopatterned Arrays Using Diblock Copolymer Templates. ACS Applied Materials & Interfaces, 2013, 5, 5727-5732. | 4.0 | 19 |

VIGNESH SURESH

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Hierarchically Built Hetero-superstructure Arrays with Structurally Controlled Material Compositions. ACS Nano, 2013, 7, 7513-7523. | 7.3 | 17 |
| 20 | High Density Metal Oxide (ZnO) Nanopatterned Platforms for Electronic Applications. Materials Research Society Symposia Proceedings, 2013, 1498, 255-261. | 0.1 | 0 |
| 21 | Macroscopic high density nanodisc arrays of zinc oxide fabricated by block copolymer self-assembly assisted nanoimprint lithography. Journal of Materials Chemistry, 2012, 22, 21871. | 6.7 | 18 |
| 22 | Robust, High-Density Zinc Oxide Nanoarrays by Nanoimprint Lithography-Assisted Area-Selective Atomic Layer Deposition. Journal of Physical Chemistry C, 2012, 116, 23729-23734. | 1.5 | 26 |