

Rajan Singh

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Non-Enzymatic Urea Sensing With Cys-GO Using Device With Silicon Dioxide Trench. IEEE Sensors Journal, 2022, 22, 15691-15697. | 4.7 | 1 |
| 2 | Abrasion tolerant, non-stretchable and super-water-repellent conductive & ultrasensitive pattern for identifying slow, fast, weak and strong human motions under diverse conditions. Materials Horizons, 2021, 8, 2851-2858. | 12.2 | 6 |
| 3 | Ionic Liquid Channel Field Effect Transistor Fabricated Using Silicon Dioxide Trench. IEEE Transactions on Electron Devices, 2021, 68, 4741-4747. | 3.0 | 3 |
| 4 | Detection of Hydrogen Peroxide Using rGO/PPy Nanocomposites in Silicon Dioxide Trench Embedded Field Effect Transistor. IEEE Sensors Journal, 2021, 21, 22426-22433. | 4.7 | 7 |
| 5 | An Efficient Architecture for QRS Detection in FPGA Using Integer Haar Wavelet Transform. Circuits, Systems, and Signal Processing, 2020, 39, 3610-3625. | 2.0 | 13 |
| 6 | Adsorption of Urea over Transition Metal-Doped Graphene: A DFT Study. Journal of Electronic Materials, 2019, 48, 6940-6948. | 2.2 | 5 |
| 7 | Adsorption of Phosgene on Titanium Doped Graphene Nanoribbons: A DFT Study. IEEE Nanotechnology Magazine, 2019, 18, 1174-1180. | 2.0 | 4 |
| 8 | Adsorption of gaseous air pollutants over Ti-doped ZGNR structures: a DFT study. International Journal of Nanoparticles, 2018, 10, 35. | 0.3 | 2 |
| 9 | Methodology for optimizing ESD protection for high speed LVDS based I/Os. , 2015, , . | | 1 |