

Milanpreet kaur

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

147
citations

8
h-index

11
g-index

31
ext. papers

156
ext. citations

1.8
avg, IF

3.05
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 25 | Non-equilibrium tunneling through Au-C ₂₀ -Au molecular bridge using density functional theory/Non-equilibrium Green function approach. <i>Journal of Materials Research</i> , 2016 , 31, 2025-2034 | 2.5 | 22 |
| 24 | Proliferating miller indices of C fullerene device under DFT-NEGF regime. <i>Journal of Molecular Graphics and Modelling</i> , 2017 , 71, 184-191 | 2.8 | 12 |
| 23 | To inquire the effects of doping on current characteristics of fullerene molecular junction device. <i>Materials Today: Proceedings</i> , 2016 , 3, 2422-2429 | 1.4 | 12 |
| 22 | Transport in fullerene device coupled to Cu, Ag and Au electrodes. <i>Molecular Physics</i> , 2016 , 114, 3255-3264 | 1.4 | 12 |
| 21 | Probation of charge transport with chalcogens as linker group for C ₂₀ fullerene. <i>Materials Today: Proceedings</i> , 2016 , 3, 1304-1310 | 1.4 | 10 |
| 20 | Perusing Quantum Transport Through Geometric Gold Electrodes in Flexible Electronics. <i>Quantum Matter</i> , 2015 , 4, 182-189 | | 10 |
| 19 | Contemplating Transport Characteristics by Augmenting the Length of Molecule. <i>Journal of Multiscale Modeling</i> , 2013 , 05, 1350010 | 0.8 | 9 |
| 18 | The DFT-NEGF scrutiny of doped fullerene junctions. <i>Journal of Molecular Modeling</i> , 2017 , 23, 221 | 2 | 8 |
| 17 | ANATOMIZING ELECTRONIC TRANSPORT THROUGH SATURATED ALKANE MOLECULE WITH DISPARATE TERMINAL ELEMENTS. <i>Journal of Multiscale Modeling</i> , 2012 , 04, 1250011 | 0.8 | 8 |
| 16 | To evince pure C ₂₄ as superconducting mechanically controllable break junction configuration 2013 , | | 7 |
| 15 | Morphology pursuance in C ₂₀ fullerene molecular junction: ab initio implementation. <i>Journal of Micromechanics and Molecular Physics</i> , 2017 , 02, 1750007 | 1.4 | 6 |
| 14 | Scrutiny of Electron Transport Properties of Adenine Molecule Under Dissimilar Miller Orientations. <i>Journal of Bionanoscience</i> , 2017 , 11, 363-369 | | 6 |
| 13 | Impact of Different Metallic Electrodes on Quantum Transport Through Deoxyribonucleic Acid. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 4137-4142 | 0.3 | 6 |
| 12 | Ab-initio molecular characterization of nonclassical fullerenes cluster using two probe approach. <i>Journal of Materials Research</i> , 2017 , 32, 414-425 | 2.5 | 5 |
| 11 | Design of fullerene-based biomarker for detection of lead impurities. <i>ICT Express</i> , 2016 , 2, 159-162 | 4.9 | 4 |
| 10 | Smallest fullerene-like clusters in two-probe device junctions: first principle study. <i>Molecular Physics</i> , 2017 , 115, 1678-1686 | 1.7 | 2 |
| 9 | Ab initio scrutiny of endohedral C fullerenes implanted in between gold electrodes. <i>Journal of Molecular Modeling</i> , 2018 , 24, 81 | 2 | 2 |

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| 8 | Linear response formulism of a carbon nano-onion stringed to gold electrodes. <i>Applied Physics A: Materials Science and Processing</i> , 2017 , 123, 1 | 2.6 | 2 |
| 7 | Negative differential resistance observation in complex convoluted fullerene junctions. <i>Journal of Applied Physics</i> , 2018 , 123, 161511 | 2.5 | 1 |
| 6 | Non-invasive cancer detection using molecular device based on aromatic molecules. <i>ICT Express</i> , 2016 , 2, 155-158 | 4.9 | 1 |
| 5 | To expound superconductive quantum transport for C20 fullerene with disparate electrode material 2014 , | | 1 |
| 4 | To envisage charge transport attributes of doped Porphine devices. <i>Materials Research Express</i> , 2017 , 4, 085011 | 1.7 | |
| 3 | Quantum transport by varying the length of the molecule in nano device. <i>Materials Today: Proceedings</i> , 2016 , 3, 2430-2436 | 1.4 | |
| 2 | Electron transport in doped fullerene molecular junctions. <i>International Journal of Computational Materials Science and Engineering</i> , 2017 , 06, 1750019 | 0.3 | |
| 1 | Hybrid Scheduling Strategy in Cloud Computing based on Optimization Algorithms. <i>CGC International Journal of Contemporary Technology</i> , 2021 , 4, 226-234 | 0 | |