Milanpreet kaur

List of Publications by Year in Descending Order

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	Hybrid Scheduling Strategy in Cloud Computing based on Optimization Algorithms. *CGC International Journal of Contemporary Technology*, **2021**, 4, 226-234	0	
24	Ab initio scrutiny of endohedral C fullerenes implanted in between gold electrodes. *Journal of Molecular Modeling*, **2018**, 24, 81	2	2
23	Negative differential resistance observation in complex convoluted fullerene junctions. *Journal of Applied Physics*, **2018**, 123, 161511	2.5	1
22	Ab-initio molecular characterization of nonclassical fullerenes cluster using two probe approach. *Journal of Materials Research*, **2017**, 32, 414-425	2.5	5
21	Smallest fullerene-like clusters in two-probe device junctions: first principle study. *Molecular Physics*, **2017**, 115, 1678-1686	1.7	2
20	Proliferating miller indices of C fullerene device under DFT-NEGF regime. *Journal of Molecular Graphics and Modelling*, **2017**, 71, 184-191	2.8	12
19	Morphology pursuance in C20 fullerene molecular junction: ab initio implementation. *Journal of Micromechanics and Molecular Physics*, **2017**, 02, 1750007	1.4	6
18	To envisage charge transport attributes of doped Porphine devices. *Materials Research Express*, **2017**, 4, 085011	1.7	
17	The DFT-NEGF scrutiny of doped fullerene junctions. *Journal of Molecular Modeling*, **2017**, 23, 221	2	8
16	Linear response formulism of a carbon nano-onion stringed to gold electrodes. *Applied Physics A: Materials Science and Processing*, **2017**, 123, 1	2.6	2
15	Electron transport in doped fullerene molecular junctions. *International Journal of Computational Materials Science and Engineering*, **2017**, 06, 1750019	0.3	
14	Scrutiny of Electron Transport Properties of Adenine Molecule Under Dissimilar Miller Orientations. *Journal of Bionanoscience*, **2017**, 11, 363-369		6
13	Impact of Different Metallic Electrodes on Quantum Transport Through Deoxyribonucleic Acid. *Journal of Computational and Theoretical Nanoscience*, **2017**, 14, 4137-4142	0.3	6
12	Quantum transport by varying the length of the molecule in nano device. *Materials Today: Proceedings*, **2016**, 3, 2430-2436	1.4	
11	Non-invasive cancer detection using molecular device based on aromatic molecules. *ICT Express*, **2016**, 2, 155-158	4.9	1
10	Probation of charge transport with chalcogens as linker group for C20 fullerene. *Materials Today: Proceedings*, **2016**, 3, 1304-1310	1.4	10
9	Design of fullerene-based biomarker for detection of lead impurities. *ICT Express*, **2016**, 2, 159-162	4.9	4

List of Publications

8	Non-equilibrium tunneling through Au-C20-Au molecular bridge using density functional theory-Non-equilibrium Green function approach. *Journal of Materials Research*, **2016**, 31, 2025-2034	2.5	22
7	To inquire the effects of doping on current characteristics of fullerene molecular junction device. *Materials Today: Proceedings*, **2016**, 3, 2422-2429	1.4	12
6	Transport in fullerene device coupled to Cu, Ag and Au electrodes. *Molecular Physics*, **2016**, 114, 3255-3264	1.7	12
5	Perusing Quantum Transport Through Geometric Gold Electrodes in Flexible Electronics. *Quantum Matter*, **2015**, 4, 182-189		10
4	To expound superconductive quantum transport for C20 fullerene with disparate electrode material **2014**,		1
3	To evince pure C24 as superconductoring mechanically controllable break junction configuration **2013**,		7
2	Contemplating Transport Characteristics by Augmenting the Length of Molecule. *Journal of Multiscale Modeling*, **2013**, 05, 1350010	0.8	9
1	ANATOMIZING ELECTRONIC TRANSPORT THROUGH SATURATED ALKANE MOLECULE WITH DISPARATE TERMINAL ELEMENTS. *Journal of Multiscale Modeling*, **2012**, 04, 1250011	0.8	8