Qusiy H Al-Galiby

List of Publications by Year
in descending order

21 papers	501 citations	623734 14 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	751 citing authors

#	Article	IF	Citations
1	Radicalâ€Enhanced Charge Transport in Singleâ€Molecule Phenothiazine Electrical Junctions. Angewandte Chemie - International Edition, 2017, 56, 13061-13065.	13.8	66
2	Threeâ€State Singleâ€Molecule Naphthalenediimide Switch: Integration of a Pendant Redox Unit for Conductance Tuning. Angewandte Chemie - International Edition, 2015, 54, 13586-13589.	13.8	49
3	Toward High Thermoelectric Performance of Thiophene and Ethylenedioxythiophene (EDOT) Molecular Wires. Advanced Functional Materials, 2018, 28, 1703135.	14.9	42
4	A New Approach to Materials Discovery for Electronic and Thermoelectric Properties of Single-Molecule Junctions. Nano Letters, 2016, 16, 1308-1316.	9.1	41
5	Detecting Mechanochemical Atropisomerization within an STM Break Junction. Journal of the American Chemical Society, 2018, 140, 710-718.	13.7	38
6	A C₆₀-aryne building block: synthesis of a hybrid all-carbon nanostructure. Chemical Communications, 2016, 52, 6677-6680.	4.1	37
7	Quantum-interference-enhanced thermoelectricity in single molecules and molecular films. Comptes Rendus Physique, 2016, 17, 1084-1095.	0.9	34
8	Tuning the thermoelectric properties of metallo-porphyrins. Nanoscale, 2016, 8, 2428-2433.	5.6	33
9	Tuning the electrical conductance of metalloporphyrin supramolecular wires. Scientific Reports, 2016, 6, 37352.	3.3	27
10	Tuning thermoelectric properties of graphene/boron nitride heterostructures. Nanotechnology, 2015, 26, 475401.	2.6	21
11	High cross-plane thermoelectric performance of metallo-porphyrin molecular junctions. Physical Chemistry Chemical Physics, 2017, 19, 17356-17359.	2.8	20
12	Radicalâ€Enhanced Charge Transport in Singleâ€Molecule Phenothiazine Electrical Junctions. Angewandte Chemie, 2017, 129, 13241-13245.	2.0	18
13	Exploiting the extended Ï€-system of perylene bisimide for label-free single-molecule sensing. Journal of Materials Chemistry C, 2015, 3, 2101-2106.	5.5	16
14	Charge transport through dicarboxylic-acid-terminated alkanes bound to grapheneâ€“gold nanogap electrodes. Nanoscale, 2016, 8, 14507-14513.	5.6	16
15	Tuning the Seebeck coefficient of naphthalenediimide by electrochemical gating and doping. Nanoscale, 2017, 9, 4819-4825.	5.6	15
16	Sensing single molecules with carbonâ€“boron-nitride nanotubes. Journal of Materials Chemistry C, 2015, 3, 10273-10276.	5.5	13
17	Identification of a positive-Seebeck-coefficient exohedral fullerene. Nanoscale, 2016, 8, 13597-13602.	5.6	9
18	Negative differential electrical resistance of a rotational organic nanomotor. Beilstein Journal of Nanotechnology, 2015, 6, 2332-2337.	2.8	4

#	Article	IF	Citations
19	Electronic Properties in Single-Orbital Crystalline System Using Tight-Binding Approximation. Journal of Physics: Conference Series, 2019, 1234, 012060.	0.4	1
20	Basic concepts of "quantum interference effects" in simple-scatterer and "single-molecule junctions". AIP Conference Proceedings, 2020, , .	0.4	1
21	The Electrical Properties of Porphyrin Single Molecule Wires. ECS Meeting Abstracts, 2018, , .	0.0	0