

Dulce C Camacho-Mojica

List of Publications by Year in descending order

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14
papers

744
citations

933447

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1058476

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all docs

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docs citations

14
times ranked

1338
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemically induced transformation of chemical vapour deposition grown bilayer graphene into fluorinated single-layer diamond. <i>Nature Nanotechnology</i> , 2020, 15, 59-66.	31.5	184
2	Colossal grain growth yields single-crystal metal foils by contact-free annealing. <i>Science</i> , 2018, 362, 1021-1025.	12.6	158
3	Adlayer-free Large-area Single Crystal Graphene Grown on a Cu(111) Foil. <i>Advanced Materials</i> , 2019, 31, e1903615.	21.0	89
4	The structural properties of GaN/AlN core-shell nanocolumn heterostructures. <i>Nanotechnology</i> , 2010, 21, 415702.	2.6	73
5	Highly Ordered and Dense Thermally Conductive Graphitic Films from a Graphene Oxide/Reduced Graphene Oxide Mixture. <i>Matter</i> , 2020, 2, 1198-1206.	10.0	66
6	GaN Haeckelite Single-Layered Nanostructures: Monolayer and Nanotubes. <i>Scientific Reports</i> , 2016, 5, 17902.	3.3	54
7	Application of Keating's valence force field model to non-ideal wurtzite materials. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2010, 42, 1361-1364.	2.7	48
8	The structural properties of GaN insertions in GaN/AlN nanocolumn heterostructures. <i>Nanotechnology</i> , 2009, 20, 295706.	2.6	20
9	Extended line defects in BN, GaN, and AlN semiconductor materials: Graphene-like structures. <i>Chemical Physics Letters</i> , 2016, 652, 73-78.	2.6	20
10	First-principles study of transition metal adsorbed on porphyrin-like motifs in pyrrolic nitrogen-doped carbon nanostructures. <i>Carbon</i> , 2017, 116, 381-390.	10.3	16
11	Charge Transfer during the Dissociation of H_2 and the Charge State of H Atoms in Liquid Gallium. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26769-26776.	3.1	7
12	Design of BAs-AlN monolayered honeycomb heterojunction structures: A first-principles study. <i>Applied Surface Science</i> , 2016, 368, 191-197.	6.1	4
13	Dissolving Diamond: Kinetics of the Dissolution of (100) and (110) Single Crystals in Nickel and Cobalt Films. <i>Chemistry of Materials</i> , 2022, 34, 2599-2611.	6.7	3
14	Proton affinity and gas phase basicity of diamandoid molecules: diamantane to $C_{131}H_{116}$. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 3470-3477.	2.8	2