

Nuri Oncel

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39
papers

556
citations

14
h-index

22
g-index

39
ext. papers

654
ext. citations

4.5
avg, IF

3.65
L-index

#	Paper	IF	Citations
39	Quantum confinement between self-organized Pt nanowires on Ge(001). <i>Physical Review Letters</i> , 2005 , 95, 116801	7.4	94
38	Peierls instability in Pt chains on Ge(001). <i>Surface Science</i> , 2008 , 602, 1731-1735	1.8	49
37	Inelastic Electron Tunneling Spectroscopy on Decanethiol at Elevated Temperatures. <i>Nano Letters</i> , 2004 , 4, 2393-2395	11.5	36
36	Hydrogen-bonding versus van der Waals interactions in self-assembled monolayers of substituted isophthalic acids. <i>Langmuir</i> , 2010 , 26, 18155-61	4	35
35	Electronically stabilized nanowire growth. <i>Nature Communications</i> , 2013 , 4, 2387	17.4	28
34	Atomic chains on surfaces. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 393001	1.8	27
33	Spatial mapping of the electronic states of a one-dimensional system. <i>Nano Letters</i> , 2006 , 6, 1439-42	11.5	27
32	Room-temperature single-electron tunneling in dendrimer-stabilized gold nanoparticles anchored at a molecular printboard. <i>Small</i> , 2006 , 2, 1422-6	11	23
31	Noble metal nanoparticles deposited on self-assembled monolayers by pulsed laser deposition show coulomb blockade at room temperature. <i>Small</i> , 2005 , 1, 395-8	11	22
30	Intercalation of Si between MoS layers. <i>Beilstein Journal of Nanotechnology</i> , 2017 , 8, 1952-1960	3	20
29	The effect of molecule-molecule and molecule-substrate interaction in the formation of Pt-octaethyl porphyrin self-assembled monolayers. <i>Applied Physics Letters</i> , 2008 , 92, 133305	3.4	19
28	Diffusion and binding of CO on Pt nanowires. <i>Surface Science</i> , 2006 , 600, 4690-4693	1.8	17
27	Structural Evolution of Organic Matter in Deep Shales by Spectroscopy (1H and 13C Nuclear Magnetic Resonance, X-ray Photoelectron Spectroscopy, and Fourier Transform Infrared) Analysis. <i>Energy & Fuels</i> , 2020 , 34, 2807-2815	4.1	14
26	Effects of organic film morphology on the formation of Rb clusters on surface coatings in alkali metal vapor cells. <i>Applied Physics Letters</i> , 2009 , 94, 041116	3.4	14
25	Coulomb blockade of small Pd clusters. <i>Journal of Chemical Physics</i> , 2005 , 123, 044703	3.9	14
24	One-pot synthesis of graphene quantum dots using humic acid and its application for copper (II) ion detection. <i>Journal of Materials Science</i> , 2021 , 56, 4991-5005	4.3	10
23	In Situ Synthesis of Graphene-Coated Silicon Monoxide Anodes from Coal-Derived Humic Acid for High-Performance Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2021 , 31, 2101645	15.6	9

22	Photoexcited Electron Lifetimes Influenced by Momentum Dispersion in Silicon Nanowires. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 7457-7466	3.8	8
21	5-(Octadecyloxy) Isophthalic Acid-Assisted Copper(II) meso-Tetra (4-Carboxyphenyl) Porphyrin Adsorption on Highly Ordered Pyrolytic Graphite. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 14983-14985	3.8	8
20	Ni(II)- and vanadyl octaethylporphyrin self-assembled layers formed on bare and 5-(octadecyloxy)isophthalic acid covered graphite. <i>Langmuir</i> , 2009 , 25, 9290-5	4	8
19	On the structural and electronic properties of Ir-silicide nanowires on Si(001) surface. <i>Journal of Applied Physics</i> , 2016 , 120, 095303	2.5	8
18	Synthesis of Highly Near-Infrared Fluorescent Graphene Quantum Dots Using Biomass-Derived Materials for Cell Imaging and Metal Ion Detection. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 43952-43962	9.5	8
17	Iridium silicide nanowires on Si(001) surfaces. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 014010	1.8	7
16	First-principles study of electron dynamics with explicit treatment of momentum dispersion on Si nanowires along different directions. <i>Molecular Physics</i> , 2019 , 117, 2293-2302	1.7	6
15	First-Principles Study of Charge Carrier Dynamics with Explicit Treatment of Momentum Dispersion on Si Nanowires along crystallographic Directions. <i>MRS Advances</i> , 2018 , 3, 3477-3482	0.7	6
14	Scanning tunneling microscopy/spectroscopy measurements and density functional theory calculations on self-assembled monolayer of octanoic acid on graphite. <i>Thin Solid Films</i> , 2017 , 623, 135-137	1.7	5
13	Iridium-modified Si(111) surface. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 445004	1.8	5
12	Iridium silicide nanowires on Si(110) surface. <i>Surface Science</i> , 2015 , 641, 237-241	1.8	4
11	Scanning Tunneling Microscopy and Density Functional Theory Study on Zinc(II)-Phthalocyanine Tetrasulfonic Acid on Bilayer Epitaxial Graphene on Silicon Carbide(0001). <i>Journal of Physical Chemistry C</i> , 2015 , 119, 9845-9850	3.8	4
10	Higher-order complexity through R-group effects in self-assembled tripeptide monolayers. <i>Langmuir</i> , 2010 , 26, 16287-90	4	4
9	Silicene-Like Domains on IrSi ₃ Crystallites. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 7225-7229	3.8	3
8	Adsorption of Formic Acid on CH ₃ NH ₃ PbI ₃ Lead Halide Organic-Inorganic Perovskites. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 22873-22886	3.8	3
7	Angle-resolved synchrotron photoemission and density functional theory on the iridium modified Si(1 1 1) surface. <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 285501	1.8	3
6	Metal induced gap states on Pt-modified Ge(001) surfaces. <i>New Journal of Physics</i> , 2007 , 9, 449-449	2.9	3
5	A scanning tunneling microscopy study on self-assembled Fe(III) meso-tetra(4-carboxyphenyl) porphyrin chloride chains. <i>Thin Solid Films</i> , 2013 , 534, 308-311	2.2	2

4	Time-resolved Optical Properties of SiNW Oriented in Crystallographic Direction. <i>MRS Advances</i> , 2019 , 4, 2009-2014	0.7	2
3	Coulomb blockade and negative differential resistance at room temperature: Self-assembled quantum dots on Si (110) surface. <i>Surface Science</i> , 2018 , 677, 12-17	1.8	1
2	Study of iridium silicide monolayers using density functional theory. <i>Journal of Applied Physics</i> , 2018 , 123, 074301	2.5	0
1	CrSi ₂ crystallites on Si(110). <i>Surface Science</i> , 2021 , 703, 121739	1.8	