

# Nuri Oncel

## List of Publications by Year in descending order

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all docs

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docs citations

39  
times ranked

849  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Confinement between Self-Organized Pt Nanowires on Ge(001). Physical Review Letters, 2005, 95, 116801.	7.8	98
2	In Situ Synthesis of Graphene-Coated Silicon Monoxide Anodes from Coal-Derived Humic Acid for High-Performance Lithium-Ion Batteries. Advanced Functional Materials, 2021, 31, 2101645.	14.9	65
3	Peierls instability in Pt chains on Ge(001). Surface Science, 2008, 602, 1731-1735.	1.9	53
4	Hydrogen-Bonding versus van der Waals Interactions in Self-Assembled Monolayers of Substituted Isophthalic Acids. Langmuir, 2010, 26, 18155-18161.	3.5	40
5	Inelastic Electron Tunneling Spectroscopy on Decanethiol at Elevated Temperatures. Nano Letters, 2004, 4, 2393-2395.	9.1	39
6	One-pot synthesis of graphene quantum dots using humic acid and its application for copper (II) ion detection. Journal of Materials Science, 2021, 56, 4991-5005.	3.7	37
7	Synthesis of Highly Near-Infrared Fluorescent Graphene Quantum Dots Using Biomass-Derived Materials for <i>In Vitro</i> Cell Imaging and Metal Ion Detection. ACS Applied Materials & Interfaces, 2021, 13, 43952-43962.	8.0	34
8	Atomic chains on surfaces. Journal of Physics Condensed Matter, 2008, 20, 393001.	1.8	32
9	Electronically stabilized nanowire growth. Nature Communications, 2013, 4, 2387.	12.8	32
10	Spatial Mapping of the Electronic States of a One-Dimensional System. Nano Letters, 2006, 6, 1439-1442.	9.1	27
11	Intercalation of Si between MoS <sub>2</sub> layers. Beilstein Journal of Nanotechnology, 2017, 8, 1952-1960.	2.8	27
12	Structural Evolution of Organic Matter in Deep Shales by Spectroscopy ( <sup>1</sup> H and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307	5.1	25
13	Room-Temperature Single-Electron Tunneling in Dendrimer-Stabilized Gold Nanoparticles Anchored at a Molecular Printboard. Small, 2006, 2, 1422-1426.	10.0	24
14	Noble Metal Nanoparticles Deposited on Self-Assembled Monolayers by Pulsed Laser Deposition Show Coulomb Blockade at Room Temperature. Small, 2005, 1, 395-398.	10.0	22
15	Effects of organic film morphology on the formation of Rb clusters on surface coatings in alkali metal vapor cells. Applied Physics Letters, 2009, 94, 041116.	3.3	20
16	Diffusion and binding of CO on Pt nanowires. Surface Science, 2006, 600, 4690-4693.	1.9	19
17	The effect of molecule-molecule and molecule-substrate interaction in the formation of Pt-octaethyl porphyrin self-assembled monolayers. Applied Physics Letters, 2008, 92, .	3.3	19
18	Coulomb blockade of small Pd clusters. Journal of Chemical Physics, 2005, 123, 044703.	3.0	16

#	ARTICLE	IF	CITATIONS
19	5-(Octadecyloxy) Isophthalic Acid-Assisted Copper(II) <i>meso</i> -Tetra (4-Carboxyphenyl) Porphyrin Adsorption on Highly Ordered Pyrolytic Graphite. Journal of Physical Chemistry C, 2010, 114, 14983-14985.	3.1	10
20	Photoexcited Electron Lifetimes Influenced by Momentum Dispersion in Silicon Nanowires. Journal of Physical Chemistry C, 2019, 123, 7457-7466.	3.1	9
21	Ni(II)- and Vanadyl-octaethylporphyrin Self-Assembled Layers Formed on Bare and 5-(Octadecyloxy)isophthalic Acid Covered Graphite. Langmuir, 2009, 25, 9290-9295.	3.5	8
22	Iridium silicide nanowires on Si(001) surfaces. Journal of Physics Condensed Matter, 2013, 25, 014010.	1.8	8
23	On the structural and electronic properties of Ir-silicide nanowires on Si(001) surface. Journal of Applied Physics, 2016, 120, .	2.5	8
24	Scanning tunneling microscopy/spectroscopy measurements and density functional theory calculations on self-assembled monolayer of octanoic acid on graphite. Thin Solid Films, 2017, 623, 135-137.	1.8	8
25	First-principles study of electron dynamics with explicit treatment of momentum dispersion on Si nanowires along different directions. Molecular Physics, 2019, 117, 2293-2302.	1.7	7
26	First-Principles Study of Charge Carrier Dynamics with Explicit Treatment of Momentum Dispersion on Si Nanowires along $\langle 111 \rangle$ ; crystallographic Directions. MRS Advances, 2018, 3, 3477-3482.	0.9	6
27	Iridium-modified Si(111) surface. Journal of Physics Condensed Matter, 2013, 25, 445004.	1.8	5
28	Adsorption of Formic Acid on CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Lead-Halide Organic-Inorganic Perovskites. Journal of Physical Chemistry C, 2019, 123, 22873-22886.	3.1	5
29	Higher-Order Complexity through R-Group Effects in Self-Assembled Tripeptide Monolayers. Langmuir, 2010, 26, 16287-16290.	3.5	4
30	Iridium-silicide nanowires on Si(110) surface. Surface Science, 2015, 641, 237-241.	1.9	4
31	Scanning Tunneling Microscopy and Density Functional Theory Study on Zinc(II)-Phthalocyanine Tetrasulfonic Acid on Bilayer Epitaxial Graphene on Silicon Carbide(0001). Journal of Physical Chemistry C, 2015, 119, 9845-9850.	3.1	4
32	Metal induced gap states on Pt-modified Ge(001) surfaces. New Journal of Physics, 2007, 9, 449-449.	2.9	3
33	Angle-resolved synchrotron photoemission and density functional theory on the iridium modified Si(111) surface. Journal of Physics Condensed Matter, 2014, 26, 285501.	1.8	3
34	Silicene-Like Domains on IrSi <sub>3</sub> Crystallites. Journal of Physical Chemistry C, 2019, 123, 7225-7229.	3.1	3
35	A scanning tunneling microscopy study on self-assembled Fe(III) <i>meso</i> -tetra(4-carboxyphenyl) porphyrin chloride chains. Thin Solid Films, 2013, 534, 308-311.	1.8	2
36	Time-resolved Optical Properties of SiNW Oriented in $\langle 111 \rangle$ ; Crystallographic Direction. MRS Advances, 2019, 4, 2009-2014.	0.9	2

#	ARTICLE	IF	CITATIONS
37	Study of iridium silicide monolayers using density functional theory. Journal of Applied Physics, 2018, 123, 074301.	2.5	1
38	Coulomb blockade and negative differential resistance at room temperature: Self-assembled quantum dots on Si (110) surface. Surface Science, 2018, 677, 12-17.	1.9	1
39	CrSi <sub>2</sub> crystallites on Si(110). Surface Science, 2021, 703, 121739.	1.9	1