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List of PR Articles by Year in descending order

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22

PR articles

570

PR citations

639903

13

PR h-index

649231

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g-index

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698

doc citations

630520

14

h-index

1275

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Improving the intrinsic conductance of selective area grown in-plane InAs nanowires with a GaSb shell. <i>Nanotechnology</i> , 2023, 34, 265704.	2.7	3
2	Highly conductive tungsten suboxide nanotubes. <i>Journal of Applied Physics</i> , 2023, 134, .	2.1	2
3	Ultrahigh vacuum Raman spectroscopy for the preparation of III-V semiconductor surfaces. <i>Review of Scientific Instruments</i> , 2023, 94, .	1.5	2
4	Transport Properties of Methyl-Terminated Germanane Microcrystallites. <i>Nanomaterials</i> , 2022, 12, 1128.	4.0	6
5	Direct measurement of band offsets on selective area grown In _{0.53} Ga _{0.47} As/InP heterojunction with multiple probe scanning tunneling microscopy. <i>Applied Physics Letters</i> , 2022, 121, .	3.0	2
6	Engineering a Robust Flat Band in III-V Semiconductor Heterostructures. <i>Nano Letters</i> , 2021, 21, 680-685.	8.7	30
7	Three dimensional resistance mapping of self-organized Sr ₃ V ₂ O ₈ nanorods on metallic perovskite SrVO ₃ matrix. <i>Applied Surface Science</i> , 2020, 510, 145522.	6.7	20
8	Importance of point defect reactions for the atomic-scale roughness of III-V nanowire sidewalls. <i>Nanotechnology</i> , 2019, 30, 324002.	2.7	6
9	Resolving the Controversial Existence of Silicene and Germanene Nanosheets Grown on Graphite. <i>ACS Nano</i> , 2018, 12, 4754-4760.	15.3	44
10	Shallow Heavily Doped n++ Germanium by Organo-Antimony Monolayer Doping. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 20179-20187.	8.0	18
11	Functionalization of Silica Nanoparticles and Native Silicon Oxide with Tailored Boron-Molecular Precursors for Efficient and Predictive p-Doping of Silicon. <i>Journal of Physical Chemistry C</i> , 2015, 119, 13750-13757.	3.1	26
12	High charge mobility in two-dimensional percolative networks of PbSe quantum dots connected by atomic bonds. <i>Nature Communications</i> , 2015, 6, .	13.9	135
13	Nonstoichiometric Low-Temperature Grown GaAs Nanowires. <i>Nano Letters</i> , 2015, 15, 6440-6445.	8.7	11
14	Nanoscale Carrier Multiplication Mapping in a Si Diode. <i>Nano Letters</i> , 2014, 14, 5636-5640.	8.7	5
15	Persistent enhancement of the carrier density in electron irradiated InAs nanowires. <i>Nanotechnology</i> , 2013, 24, 275706.	2.7	26
16	Faceting, composition and crystal phase evolution in III-V antimonide nanowire heterostructures revealed by combining microscopy techniques. <i>Nanotechnology</i> , 2012, 23, 095702.	2.7	96
17	Coulomb Energy Determination of a Single Si Dangling Bond. <i>Physical Review Letters</i> , 2010, 105, .	8.2	34
18	Faceted sidewalls of silicon nanowires: Au-induced structural reconstructions and electronic properties. <i>Physical Review B</i> , 2010, 81, .	3.4	47

#	ARTICLE	IF	PR CITATIONS
19	Reversible Defect Engineering of Single-Walled Carbon Nanotubes Using Scanning Tunneling Microscopy. Nano Letters, 2007, 7, 3623-3627.	8.7	48
20	Anisotropic Free-Electron-Like Dispersions and Standing Waves Realized in Self-Assembled Monolayers of Glycine on Cu(100). Journal of the American Chemical Society, 2007, 129, 740-741.	15.0	23
21	Electron Transport via Local Polarons at Interface Atoms. Physical Review Letters, 2006, 97, .	8.2	53
22	Assessing the insulating properties of an ultrathin SrTiO ₃ shell grown around GaAs nanowires with molecular beam epitaxy. Nanotechnology, 0, , .	2.7	2