

Emanuele Poliani

List of Publications by Year in descending order

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17
times ranked

601
citing authors

#	ARTICLE	IF	CITATIONS
1	A Curved Graphene Nanoribbon with Multi-Edge Structure and High Intrinsic Charge Carrier Mobility. <i>Journal of the American Chemical Society</i> , 2020, 142, 18293-18298.	6.6	50
2	Nanoscale Imaging of InN Segregation and Polymorphism in Single Vertically Aligned InGaN/GaN Multi Quantum Well Nanorods by Tip-Enhanced Raman Scattering. <i>Nano Letters</i> , 2013, 13, 3205-3212.	4.5	37
3	Electron-phonon interaction in individual strain-free GaAs ^x Al _{0.3} Ga _{0.7} As quantum dots. <i>Physical Review B</i> , 2006, 73, .	1.1	34
4	Microdomain orientation dependence on thickness in thin films of cylinder-forming PS- <i>b</i> -PMMA. <i>Nanotechnology</i> , 2010, 21, 185304.	1.3	33
5	Nanocrystalline silicon films as multifunctional material for optoelectronic and photovoltaic applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2006, 134, 118-124.	1.7	32
6	Quantum Confinement by an Order-Disorder Boundary in Nanocrystalline Silicon. <i>Physical Review Letters</i> , 2010, 104, 176803.	2.9	30
7	The effect of random copolymer on the characteristic dimensions of cylinder-forming PS- <i>b</i> -PMMA thin films. <i>Nanotechnology</i> , 2011, 22, 185304.	1.3	27
8	Controlled Folding of Graphene: GraFold Printing. <i>Nano Letters</i> , 2015, 15, 857-863.	4.5	27
9	Breakdown of Far-Field Raman Selection Rules by Light-Plasmon Coupling Demonstrated by Tip-Enhanced Raman Scattering. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5462-5471.	2.1	16
10	Effect of gap modes on graphene and multilayer graphene in tip-enhanced Raman spectroscopy. <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 2511-2514.	0.7	14
11	<i>In-situ</i> Raman study of laser-induced graphene oxidation. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 2451-2455.	0.7	14
12	Quantum dots to double concentric quantum ring structures transition. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 928-931.	0.8	4
13	Strong Near-Field Light-Matter Interaction in Plasmon-Resonant Tip-Enhanced Raman Scattering in Indium Nitride. <i>Journal of Physical Chemistry C</i> , 2020, 124, 28178-28185.	1.5	4
14	Tuning by means of laser annealing of electronic and structural properties of nc-Si/a-Si:H. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2009, 159-160, 31-33.	1.7	3
15	Optical and Structural Properties of Nitride Based Nanostructures. <i>Springer Series in Solid-state Sciences</i> , 2020, , 135-201.	0.3	2
16	Nanoscale InN clusters and compositional inhomogeneities in InGaN epitaxial layers quantified by tip-enhanced Raman scattering. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	1
17	Emission lineshape in strain free quantum dot. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 3819-3822.	0.8	0