

Tinghui Li

List of Publications by Year in descending order

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19
papers

429
citations

1163117

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839539

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19
all docs

19
docs citations

19
times ranked

712
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of oxygen vacancy types from Raman spectra of SnO ₂ nanocrystals. Journal of Raman Spectroscopy, 2012, 43, 1423-1426.	2.5	172
2	Optical identification of oxygen vacancy types in SnO ₂ nanocrystals. Applied Physics Letters, 2013, 102, .	3.3	65
3	Enhanced Photocatalytic Oxygen Evolution by Crystal Cutting. Advanced Materials, 2013, 25, 2035-2039.	21.0	49
4	Oxygen-vacancy and depth-dependent violet double-peak photoluminescence from ultrathin cuboid SnO ₂ nanocrystals. Applied Physics Letters, 2012, 100, 121903.	3.3	45
5	Raman investigation of oxidation mechanism of silicon nanowires. Applied Physics Letters, 2009, 95, .	3.3	14
6	Twinning Ge _{0.54} Si _{0.46} nanocrystal growth mechanism in amorphous SiO ₂ films. Applied Physics Letters, 2010, 96, .	3.3	13
7	Influence of GeSi interfacial layer on Ge-Ge optical phonon mode in SiO ₂ films embedded with Ge nanocrystals. Applied Physics Letters, 2009, 95, .	3.3	11
8	Photoluminescence from colloids containing aluminum hydroxide nanocrystals with uniform size. Applied Physics Letters, 2010, 97, 121901.	3.3	10
9	Ordered amorphous silicon nanoisland arrays and reflection spectral dependence on nanoisland geometrical parameters. Applied Physics Letters, 2009, 94, 151903.	3.3	8
10	Surface carbon layer and visible-light photocatalytic activities of carbon-coated TiO ₂ nanotubes synthesized in organic electrolytes. Applied Physics A: Materials Science and Processing, 2011, 105, 703-707.	2.3	7
11	Morphology-dependent low-frequency Raman scattering in ultrathin spherical, cubic, and cuboid SnO ₂ nanocrystals. Applied Physics Letters, 2011, 99, 251902.	3.3	7
12	Damping of surface acoustic vibration induced by electrons trapped on SnO ₂ nanocrystal surface. Applied Physics Letters, 2009, 95, 211903.	3.3	6
13	Surface-polarization-induced formation of amorphous foliaceous SiO ₂ helical nanobelts. Applied Physics Letters, 2009, 94, 253110.	3.3	5
14	Compositional dependence of Raman frequencies in Si _x Ge _{1-x} alloys. Journal of Semiconductors, 2012, 33, 112001.	3.7	5
15	Si-Ge optical phonon behavior in localized Si clusters of Si _x Ge _{1-x} alloy nanocrystals. Applied Physics A: Materials Science and Processing, 2011, 103, 361-365.	2.3	4
16	Strain-regulated electronic structure for hydrogen evolution reaction in Fe ₃ S ₄ monolayer. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126368.	2.1	3
17	Electronic structure and optical properties of FeSi ₂ (100)/Si(001) interface at high pressure. Applied Physics Letters, 2012, 101, 111909.	3.3	2
18	Magnetism in alkali-metal-doped wurtzite semiconductor materials controlled by strain engineering. Journal of Applied Physics, 2016, 120, 125101.	2.5	2

#	ARTICLE	IF	CITATIONS
19	The physics network teaching system design and implementation based on constructivism. , 2011, , .		1