

Ersin Bahceci

List of Publications by Year in descending order

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17
papers

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1478505

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1372567

10
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17
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17
docs citations

17
times ranked

94
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of new electromagnetic wave shielder mortar using waste mill scales. Construction and Building Materials, 2020, 242, 118028.	7.2	26
2	Strong 1.54 eV cathodoluminescence from core-shell structures of silicon nanoparticles and erbium. Applied Physics Letters, 2016, 109, .	3.3	10
3	Aromatic thermosetting copolyester foam core and aluminum foam face three-layer sandwich composite for impact energy absorption. Materials Letters, 2017, 196, 288-291.	2.6	9
4	Polarization-based surface enhanced Raman scattering from single colloidal DNA decorated with 3 nm silicon nanoparticles. AIP Advances, 2021, 11, .	1.3	8
5	Wet non-thermal integration of nano binary silicon-gold system with strong plasmonic and luminescent characteristics. AIP Advances, 2019, 9, .	1.3	7
6	Microhydrogen production with water splitting from daily used waste aluminum. International Journal of Hydrogen Energy, 2021, , .	7.1	7
7	Experimental and theoretical study of ultraviolet-induced structural/optical instability in nano silicon-based luminescence. Journal of Applied Physics, 2018, 124, .	2.5	5
8	Wideband luminescence from bandgap-matched Mg-based Si core-shell geometry nanocomposite. AIP Advances, 2018, 8, 055324.	1.3	4
9	Iron oxide-Si nanoparticle magnetic core-shell induced by the interaction of d-orbitals of Fe ²⁺ with reconstructed Si dimer-like defects. AIP Advances, 2020, 10, 055221.	1.3	4
10	Tunable plasmon-polarizmon resonance and hotspots in metal-silicon core-shell nanostructures. AIP Advances, 2021, 11, .	1.3	3
11	Effect of Cutting Tool Materials on Surface Roughness and Cutting Forces in Machining of Al-Si ₃ N ₄ Composite Produced by Powder Metallurgy. Materials Science Forum, 2007, 534-536, 869-872.	0.3	2
12	Proximal probe-like nano structuring in metal-assisted etching of silicon. AIP Advances, 2019, 9, 055228.	1.3	2
13	Dynamic transition of nanosilicon from indirect to direct-like nature by strain-induced structural relaxation. AIP Advances, 2021, 11, .	1.3	2
14	Characterization of atomic layer deposition coated cutting tools by X-ray photoelectron spectroscopy and examination of cutting performance. Spectroscopy Letters, 2019, 52, 456-461.	1.0	1
15	Novel synthetic route for growth of gold nanorods via semiconductor procedure. Materials Physics and Chemistry, 2019, 1, 20.	0.4	1
16	Time-thermo-dynamics of anti-Stokes and Stokes scattering and luminescence in 1-nm silicon nanoparticles: Toward an optical nanorefrigerator. AIP Advances, 2022, 12, 065219.	1.3	1
17	Experimental Verification of Cell Shape-Collapse Relationships in Metallic Foams by Photoelasticity Method. Journal of Polytechnic, 0, , .	0.7	0