

# Ersin Bahceci

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6089783/publications.pdf>

Version: 2024-02-01

17  
papers

92  
citations

1478505

6  
h-index

1372567

10  
g-index

17  
all docs

17  
docs citations

17  
times ranked

94  
citing authors

#	ARTICLE	IF	CITATIONS
1	Timeâ€“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
2	Microhydrogen production with water splitting from daily used waste aluminum. International Journal of Hydrogen Energy, 2021, , .	7.1	7
3	Dynamic transition of nanosilicon from indirect to direct-like nature by strain-induced structural relaxation. AIP Advances, 2021, 11, .	1.3	2
4	Polarization-based surface enhanced Raman scattering from single colloidal DNA decorated with 3Ånm silicon nanoparticles. AIP Advances, 2021, 11, .	1.3	8
5	Tunable plasmonâ€“polarizmon resonance and hotspots in metalâ€“silicon coreâ€“shell nanostructures. AIP Advances, 2021, 11, .	1.3	3
6	Iron oxideâ€“Si nanoparticle magnetic coreâ€“shell induced by the interaction of d-orbitals of Fe2+ with reconstructed Si dimer-like defects. AIP Advances, 2020, 10, 055221.	1.3	4
7	Production of new electromagnetic wave shielder mortar using waste mill scales. Construction and Building Materials, 2020, 242, 118028.	7.2	26
8	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
9	Proximal probe-like nano structuring in metal-assisted etching of silicon. AIP Advances, 2019, 9, 055228.	1.3	2
10	Wet non-thermal integration of nano binary silicon-gold system with strong plasmonic and luminescent characteristics. AIP Advances, 2019, 9, .	1.3	7
11	Novel synthetic route for growth of gold nanorods via semiconductor procedure. Materials Physics and Chemistry, 2019, 1, 20.	0.4	1
12	Wideband luminescence from bandgap-matched Mg-based Si core-shell geometry nanocomposite. AIP Advances, 2018, 8, 055324.	1.3	4
13	Experimental and theoretical study of ultraviolet-induced structural/optical instability in nano silicon-based luminescence. Journal of Applied Physics, 2018, 124, .	2.5	5
14	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
15	Strong 1.54â€“m cathodoluminescence from core-shell structures of silicon nanoparticles and erbium. Applied Physics Letters, 2016, 109, .	3.3	10
16	Effect of Cutting Tool Materials on Surface Roughness and Cutting Forces in Machining of Al-Si<sub>3</sub>N<sub>4</sub> Composite Produced by Powder Metallurgy. Materials Science Forum, 2007, 534-536, 869-872.	0.3	2
17	Experimental Verification of Cell Shape-Collapse Relationships in Metallic Foams by Photoelasticity Method. Journal of Polytechnic, 0, , .	0.7	0