

# Synthesis and Characterization of Aluminum Nanoparticles Pulsed Laser Ablation Technique

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Preparation and Optical Properties of Isopropanol Suspensions of Aluminum Nanoparticles. Journal of Applied Spectroscopy, 2020, 87, 662-667.	0.3	7
2	Experimental Analysis and Characterization of High-Purity Aluminum Nanoparticles (Al-NPs) by Electromagnetic Levitation Gas Condensation (ELGC). Nanomaterials, 2020, 10, 2084.	1.9	0
3	Aluminum based nanostructures for energy applications. Telkomnika (Telecommunication Computing) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.6	4
4	Laser ablation in liquids for nanomaterial synthesis: diversities of targets and liquids. JPhys Photonics, 2021, 3, 042002.	2.2	50
5	Preparation of Al(OH) <sub>3</sub> -based layered structural material by shear alignment from aqueous dispersion of colloidal gibbsite platelets. Journal of the Taiwan Institute of Chemical Engineers, 2021, 125, 332-339.	2.7	5
6	Thermal stability of an endohedrally doped aluminum nanoclusters: a BOMD study. Theoretical Chemistry Accounts, 2021, 140, 1.	0.5	3
7	Aluminum Nanoparticles from a Ga-Al Composite for Water Splitting and Hydrogen Generation. ACS Applied Nano Materials, 2022, 5, 2636-2643.	2.4	22
8	Diverse nanomaterials synthesized by laser ablation of pure metals in liquids. Science China: Physics, Mechanics and Astronomy, 2022, 65, .	2.0	8
9	Influence of Laser Process Parameters, Liquid Medium, and External Field on the Synthesis of Colloidal Metal Nanoparticles Using Pulsed Laser Ablation in Liquid: A Review. Nanomaterials, 2022, 12, 2144.	1.9	14
10	Characterization of the coating structure and stability of core-shell Al nanoparticles generated by using pulsed laser ablation in acetone. Journal of Materials Research and Technology, 2022, 19, 4683-4696.	2.6	2
11	Antibacterial Activity of Bismuth Oxide Nanoparticles Compared to Amikacin against Acinetobacter baumannii and Staphylococcus aureus. Journal of Nanomaterials, 2022, 2022, 1-11.	1.5	16
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13	Cerium- and aluminum-based nanomaterials as additive in nanofuels. , 2023, , 1-16.		0
16	In-Situ X-ray Photoelectron Spectroscopy of size-selected Al-Nanoclusters on Si-Substrate. , 2023, , .		0