## Synthesis and Characterization of Aluminum Nanopart 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.	0.7	7
2	Experimental Analysis and Characterization of High-Purity Aluminum Nanoparticles (Al-NPs) by Electromagnetic Levitation Gas Condensation (ELGC). Nanomaterials, 2020, 10, 2084.	4.1	0

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4	Laser ablation in liquids for nanomaterial synthesis: diversities of targets and liquids. JPhys Photonics, 2021, 3, 042002.	4.6	50
5	Preparation of Al(OH)3-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.	5.3	5
6	Thermal stability of an endohedrally doped aluminum nanoclusters: a BOMD study. Theoretical Chemistry Accounts, 2021, 140, 1.	1.4	3
7	Aluminum Nanoparticles from a Ga–Al Composite for Water Splitting and Hydrogen Generation. ACS Applied Nano Materials, 2022, 5, 2636-2643.	5.0	22
8	Diverse nanomaterials synthesized by laser ablation of pure metals in liquids. Science China: Physics, Mechanics and Astronomy, 2022, 65, .	5.1	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.	4.1	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.	5.8	2
11	Antibacterial Activity of Bismuth Oxide Nanoparticles Compared to Amikacin against Acinetobacter baumannii and Staphylococcus aureus. Journal of Nanomaterials, 2022, 2022, 1-11.	2.7	16
12	Silver Nano-Colloid Characterization for Printing Application. Key Engineering Materials, 0, 926, 220-225.	0.4	0
13	Cerium- and aluminum-based nanomaterials as additive in nanofuels. , 2023, , 1-16.		0
14	Dual-functional organic surfactant for the effective stabilization of nano aluminium. New Journal of Chemistry, 0, , .	2.8	0
15	Interplay of shell evolution and oxidation depth on the ignition and combustion behavior of aluminum nanoparticles. Fuel, 2023, 353, 129260.	6.4	1
16	In-Situ X-ray Photoelectron Spectroscopy of size-selected Al-Nanoclusters on Si-Substrate. , 2023, , .		0