

Heating rate dependence of anatase to rutile transform

Processing and Application of Ceramics

10, 235-241

DOI: 10.2298/pac1604235g

Citation Report

#	ARTICLE	IF	CITATIONS
1	Crystal structure, morphology and photodegradation performance of titania immobilized cordierite macrofoam at different calcination rate. AIP Conference Proceedings, 2019, , .	0.3	0
2	Non-isothermal crystallization kinetics of nano-sized amorphous TiO ₂ prepared by facile sonochemical hydrolysis route. Ceramics International, 2019, 45, 2893-2898.	2.3	25
3	Gel casting of mullite for radome applications. International Journal of Applied Ceramic Technology, 2020, 17, 264-273.	1.1	7
4	Thermal coarsening of individual titanate nanowires and their assemblies: Surface vs. bulk diffusion. Ceramics International, 2020, 46, 16321-16327.	2.3	5
5	A novel porous egg-white (EW)/titania composite photocatalytic material for efficient photodegradation applications. RSC Advances, 2020, 10, 8525-8529.	1.7	6
6	Synthesis and Characterization of Titanium Oxide Nanoparticles by Plasma in Contact with Liquid. Plasma Chemistry and Plasma Processing, 2021, 41, 643-657.	1.1	10
7	Fabrication of PVA Nanofibers Grafted with Octaamino-POSS and their Application in Heavy Metal Adsorption. Journal of Polymers and the Environment, 2021, 29, 1566-1575.	2.4	21
8	Methodologies of synthesis of titania and titania-graphene photocatalysts. , 2021, , 83-94.		0
9	Effect of Thermal Treatment on the Phase Composition and Surface Properties of WO ₃ @TiO ₂ Nanocomposites Synthesized via Hydrothermal Method. ChemistrySelect, 2021, 6, 987-994.	0.7	5
10	Effect of heating rate on structure, morphology and photocatalytic properties of TiO ₂ particles: thermal kinetic and thermodynamic studies. Journal of Sol-Gel Science and Technology, 2021, 97, 622-637.	1.1	11
11	Fabricating Dual-Activity Seed Crystals via Continuous Rapid Thermal Nucleation in a Coil Reactor for Low-Temperature Rutile TiO ₂ Production. ACS Sustainable Chemistry and Engineering, 2021, 9, 9106-9113.	3.2	1
12	Analyzing coarsening versus densification phenomenon present in partial sintering of Al ₂ O ₃ /TiO ₂ composites. Journal of Materials Research and Technology, 2021, 15, 2711-2711.	2.6	7
13	Effect of Heating Rate on the Photocatalytic Activity of Ag@TiO ₂ Nanocomposites by One-Step Process via Aerosol Routes. Catalysts, 2022, 12, 17.	1.6	5
14	Diverse nanomaterials synthesized by laser ablation of pure metals in liquids. Science China: Physics, Mechanics and Astronomy, 2022, 65, .	2.0	8
15	Transition metal ions as a tool for controlling the photocatalytic activity of MWCNT-TiO ₂ nanocomposites. Journal of Alloys and Compounds, 2022, 921, 166095.	2.8	5
16	Photodegradation of Air and Water Contaminants Using 3D-Printed TiO ₂ Nanoparticle Scaffolds. ACS Applied Nano Materials, 2022, 5, 11437-11446.	2.4	9
17	TiO ₂ Photocatalytic Ultrafiltration Membrane Developed with Suspension Plasma Spray Process. Coatings, 2022, 12, 1764.	1.2	4