

Eugen Panaitescu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

323
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial properties of highly efficient photocatalytic TiO ₂ nanotubes. Applied Catalysis B: Environmental, 2015, 176-177, 70-75.	20.2	143
2	Atomically thin layers of Ba ²⁺ /Ca ²⁺ /O with tunable composition. Science Advances, 2015, 1, e1500094.	10.3	55
3	Controlled attachment of gold nanoparticles on ordered titania nanotube arrays. Journal of Materials Chemistry, 2009, 19, 4483.	6.7	32
4	Vapor-liquid-solid growth of serrated GaN nanowires: shape selection driven by kinetic frustration. Journal of Materials Chemistry C, 2013, 1, 7294.	5.5	28
5	Effect of potassium adsorption on the photochemical properties of titania nanotube arrays. Journal of Materials Chemistry, 2009, 19, 2963.	6.7	18
6	Titania nanotube photocatalysts for effectively treating waterborne microbial pathogens. Journal of Catalysis, 2016, 344, 631-639.	6.2	16
7	Structure and magnetism of GaMnN nanowires synthesized with nonmagnetic catalyst. Journal of Magnetism and Magnetic Materials, 2015, 394, 155-159.	2.3	11
8	Toward tailored functionality of titania nanotube arrays: Interpretation of the magnetic-structural correlations. Journal of Materials Research, 2013, 28, 1304-1310.	2.6	6
9	Morphology and structure of heat-treated titania nanotubes. Nanomaterials and Energy, 2013, 2, 35-41.	0.2	5
10	Correlation of lattice defects and thermal processing in the crystallization of titania nanotube arrays. Materials Research Express, 2014, 1, 045018.	1.6	5
11	Iron Oxide Decorated Titania Nanotubes for Solar Energy Harvesting Applications. Journal of Nanoscience and Nanotechnology, 2017, 17, 2079-2085.	0.9	4
12	In vitro pulmonary toxicity of thermally processed titania nanotubes. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	0