

Nicolas Feltin

List of Publications by Year in descending order

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papers

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1684188

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1474206

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all docs

9
docs citations

9
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges in sample preparation for measuring nanoparticles size by scanning electron microscopy from suspensions, powder form and complex media. Powder Technology, 2020, 359, 226-237.	4.2	26
2	Development of a new hybrid approach combining AFM and SEM for the nanoparticle dimensional metrology. Beilstein Journal of Nanotechnology, 2019, 10, 1523-1536.	2.8	19
3	Deep Learning Based Instance Segmentation of Titanium Dioxide Particles in the Form of Agglomerates in Scanning Electron Microscopy. Nanomaterials, 2021, 11, 968.	4.1	18
4	Towards the use of deep generative models for the characterization in size of aggregated TiO ₂ nanoparticles measured by Scanning Electron Microscopy (SEM). Materials Research Express, 2019, 6, 085001.	1.6	8
5	Correlative Analysis of the Dimensional Properties of Bipyramidal Titania Nanoparticles by Complementing Electron Microscopy with Other Methods. Nanomaterials, 2021, 11, 3359.	4.1	6
6	Modelling of the <i>X</i> , <i>Y</i> , <i>Z</i> positioning errors and uncertainty evaluation for the LNE [™] s mAFM using the Monte Carlo method. Measurement Science and Technology, 2017, 28, 034007.	2.6	5
7	Influence of electron landing energy on the measurement of the dimensional properties of nanoparticle populations imaged by SEM. Ultramicroscopy, 2021, 226, 113300.	1.9	5
8	A novel approach for 3D morphological characterization of silica nanoparticle population through HAADF-STEM. Measurement: Journal of the International Measurement Confederation, 2021, 180, 109521.	5.0	2