

Nicolas Feltin

List of Publications by Year in descending order

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8
papers

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1684188

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1474206

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docs citations

9
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127
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning Based Instance Segmentation of Titanium Dioxide Particles in the Form of Agglomerates in Scanning Electron Microscopy. <i>Nanomaterials</i> , 2021, 11, 968.	4.1	18
2	Influence of electron landing energy on the measurement of the dimensional properties of nanoparticle populations imaged by SEM. <i>Ultramicroscopy</i> , 2021, 226, 113300.	1.9	5
3	A novel approach for 3D morphological characterization of silica nanoparticle population through HAADF-STEM. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 180, 109521.	5.0	2
4	Correlative Analysis of the Dimensional Properties of Bipyrarnidal Titania Nanoparticles by Complementing Electron Microscopy with Other Methods. <i>Nanomaterials</i> , 2021, 11, 3359.	4.1	6
5	Challenges in sample preparation for measuring nanoparticles size by scanning electron microscopy from suspensions, powder form and complex media. <i>Powder Technology</i> , 2020, 359, 226-237.	4.2	26
6	Towards the use of deep generative models for the characterization in size of aggregated TiO_2 nanoparticles measured by Scanning Electron Microscopy (SEM). <i>Materials Research Express</i> , 2019, 6, 085001.	1.6	8
7	Development of a new hybrid approach combining AFM and SEM for the nanoparticle dimensional metrology. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 1523-1536.	2.8	19
8	Modelling of the X , Y , Z positioning errors and uncertainty evaluation for the LNE [™] s mAFM using the Monte Carlo method. <i>Measurement Science and Technology</i> , 2017, 28, 034007.	2.6	5