

# Laurent Devoille

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1339332/publications.pdf>

Version: 2024-02-01

5  
papers

60  
citations

1937685

4  
h-index

2053705

5  
g-index

5  
all docs

5  
docs citations

5  
times ranked

101  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | 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         |
| 2 | 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         |
| 3 | 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        |
| 4 | Towards the use of deep generative models for the characterization in size of aggregated TiO <sub>2</sub> nanoparticles measured by Scanning Electron Microscopy (SEM). Materials Research Express, 2019, 6, 085001. | 1.6 | 8         |
| 5 | 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        |