

# Galy Ingrid Nkou Bouala

## List of Publications by Year in descending order

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13  
papers

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1163117

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docs citations

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311  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and microstructural evolution of amorphous Zr-Cu-Ag thin-film alloys under thermal constraint: An in situ approach. <i>Journal of Alloys and Compounds</i> , 2021, 851, 156908.	5.5	7
2	A multiscale <i>in situ</i> high temperature high resolution transmission electron microscopy study of ThO <sub>2</sub> sintering. <i>Nanoscale</i> , 2021, 13, 7362-7374.	5.6	6
3	Working with the ESEM at high temperature. <i>Materials Characterization</i> , 2019, 151, 15-26.	4.4	29
4	Fracture resistance of Ti-Ag thin films deposited on polymeric substrates for biosignal acquisition applications. <i>Surface and Coatings Technology</i> , 2019, 358, 646-653.	4.8	10
5	Silver influence on the antibacterial activity of multi-functional Zr-Cu based thin film metallic glasses. <i>Surface and Coatings Technology</i> , 2018, 343, 108-114.	4.8	35
6	Thorium aspartate tetrahydrate precursor to ThO <sub>2</sub> : Comparison of hydrothermal and thermal conversions. <i>Journal of Nuclear Materials</i> , 2017, 487, 331-342.	2.7	19
7	Novel approaches for the <i>in situ</i> study of the sintering of nuclear oxide fuel materials and their surrogates. <i>Radiochimica Acta</i> , 2017, 105, 879-892.	1.2	9
8	High-temperature electron microscopy study of ThO <sub>2</sub> microspheres sintering. <i>Journal of the European Ceramic Society</i> , 2017, 37, 727-738.	5.7	25
9	In Situ Study of CeO <sub>2</sub> Microspheres Sintering Using HT-ESEM. <i>Microscopy and Microanalysis</i> , 2016, 22, 62-63.	0.4	0
10	From in Situ HT-ESEM Observations to Simulation: How Does Polycrystallinity Affects the Sintering of CeO <sub>2</sub> Microspheres?. <i>Journal of Physical Chemistry C</i> , 2016, 120, 386-395.	3.1	27
11	CISCEM 2014. <i>Advances in Imaging and Electron Physics</i> , 2015, 190, 1-102.	0.2	3
12	In situ HT-ESEM study of crystallites growth within CeO <sub>2</sub> microspheres. <i>Ceramics International</i> , 2015, 41, 14703-14711.	4.8	18
13	Preparation and characterisation of uranium oxides with spherical shapes and hierarchical structures. <i>CrystEngComm</i> , 2014, 16, 6944-6954.	2.6	30