

# Guillaume A Muller

## List of Publications by Year in descending order

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13  
papers

869  
citations

933447

10  
h-index

1125743

13  
g-index

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docs citations

13  
times ranked

1816  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                                                                             | IF   | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | High Performance Pseudocapacitor Based on 2D Layered Metal Chalcogenide Nanocrystals. Nano Letters, 2015, 15, 1911-1917.                                                                                                                                                            | 9.1  | 495       |
| 2  | Evolution of the microstructure during annealing of porous silicon multilayers. Journal of Applied Physics, 2004, 95, 497-503.                                                                                                                                                      | 2.5  | 76        |
| 3  | Na <sub>2</sub> Ti <sub>3</sub> O <sub>7</sub> Nanoplatelets and Nanosheets Derived from a Modified Exfoliation Process for Use as a High-Capacity Sodium-Ion Negative Electrode. ACS Applied Materials & Interfaces, 2017, 9, 1416-1425.                                           | 8.0  | 72        |
| 4  | Flowing suspensions of carbon black with high electronic conductivity for flow applications: Comparison between carbons black and exhibition of specific aggregation of carbon particles. Carbon, 2017, 119, 10-20.                                                                 | 10.3 | 65        |
| 5  | Influence of surface roughness on the supercooling degree: Case of selected water/ethanol solutions frozen on aluminium surfaces. International Journal of Refrigeration, 2006, 29, 1218-1224.                                                                                      | 3.4  | 44        |
| 6  | A sustainable aqueous route to highly stable suspensions of monodispersed nano ruthenia. Green Chemistry, 2011, 13, 3230.                                                                                                                                                           | 9.0  | 35        |
| 7  | Dye-sensitized nanostructured crystalline mesoporous tin-doped indium oxide films with tunable thickness for photoelectrochemical applications. Journal of Materials Chemistry A, 2013, 1, 8217.                                                                                    | 10.3 | 33        |
| 8  | Probing Properties, Stability, and Performances of Hierarchical Mesoporous Materials with Nanoscale Interfaces. Journal of Physical Chemistry C, 2012, 116, 7658-7663.                                                                                                              | 3.1  | 13        |
| 9  | Understanding crystallization processes of NiO/Ce <sub>0.9</sub> Gd <sub>0.1</sub> O <sub>2</sub> sol-gel processed thin films for the design of efficient electrodes: an in situ thermal ellipsometry analysis. Journal of Materials Chemistry, 2012, 22, 9368.                    | 6.7  | 12        |
| 10 | Nanocrystalline, mesoporous NiO/Ce <sub>0.9</sub> Gd <sub>0.1</sub> O <sub>2</sub> thin films with tuned microstructures and electrical properties: in situ characterization of electrical responses during the reduction of NiO. Journal of Materials Chemistry A, 2013, 1, 10753. | 10.3 | 11        |
| 11 | Reduction of NiO to Ni in Nanocrystalline Composite NiO/Ce <sub>0.9</sub> Gd <sub>0.1</sub> O <sub>2</sub> Porous Thin Films: Microstructure Evolution Through in Situ Impedance Spectroscopy. Journal of Physical Chemistry C, 2013, 117, 16297-16305.                             | 3.1  | 7         |
| 12 | Synthesis, characterization and electrical properties of La <sub>0.7</sub> Sr <sub>0.3</sub> Co <sub>0.2</sub> Fe <sub>0.8</sub> O <sub>3</sub> /Gd-CeO <sub>2</sub> thin films (λ%500 nm). Journal of Materials Chemistry A, 2014, 2, 6448.                                        | 10.3 | 3         |
| 13 | Discussion on a Percolating Conducting Network of a Composite Thin-Film Electrode (λ%1 1/4m) for Micro-Solid Oxide Fuel Cell Application. Langmuir, 2014, 30, 8889-8897.                                                                                                            | 3.5  | 3         |