

# Denis Chaumont

## List of Publications by Year in descending order

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12  
papers

378  
citations

933447

10  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

495  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave-assisted one-step hydrothermal synthesis of pure iron oxide nanoparticles: magnetite, maghemite and hematite. Journal of Sol-Gel Science and Technology, 2011, 60, 198-205.	2.4	98
2	Aggregation and Gel Formation in Basic Silico-Calco-Alkaline Solutions Studied: A SAXS, SANS, and ELS Study. Journal of Physical Chemistry B, 1999, 103, 5775-5781.	2.6	50
3	<sup>29</sup> Si NMR and Small-Angle X-ray Scattering Studies of the Effect of Alkaline Ions (Li+, Na+, and K+) in Silico-Alkaline Sols. Journal of Physical Chemistry B, 1999, 103, 2091-2099.	2.6	49
4	Relaxor behaviour and phase transition of perovskite ferroelectrics-type complex oxides (1-x)Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> -xCaTiO <sub>3</sub> system. Journal of Advanced Ceramics, 2018, 7, 124-142.	17.4	42
5	Microwave synthesis of yttria stabilized zirconia. Materials Research Bulletin, 2005, 40, 529-536.	5.2	38
6	Complex structural contribution of the morphotropic phase boundary in Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> - CaTiO <sub>3</sub> system. Ceramics International, 2019, 45, 4467-4473.	4.8	28
7	Structural model of gelation processes of a sodium silicate sol destabilized by calcium ions: combination of SAXS and rheological measurements. Journal of Non-Crystalline Solids, 2005, 351, 351-354.	3.1	20
8	Detection of morphotropic phase boundary in A-site/Ca-substituted Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> complex oxides ferroelectric system. Journal of Alloys and Compounds, 2020, 840, 155509.	5.5	16
9	Aggregation Processes and Formation of Silico-calco-alkaline Gels under High Ionic Strength. Journal of Colloid and Interface Science, 2002, 253, 140-149.	9.4	15
10	Quantification of relaxor behavior in (1-x)Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> - xCaTiO <sub>3</sub> lead-free ceramics system. Journal of the European Ceramic Society, 2019, 39, 2297-2303.	5.7	15
11	Electric field induced monoclinic phase stability in Ca doped Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> : Case of 0.93Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> - 0.07CaTiO <sub>3</sub> ferroelectric ceramics. AIP Advances, 2017, 7, .	1.3	6
12	Microwave synthesis of core-shell structured biocompatible magnetic nanohybrids in aqueous medium. , 2011, , .		1