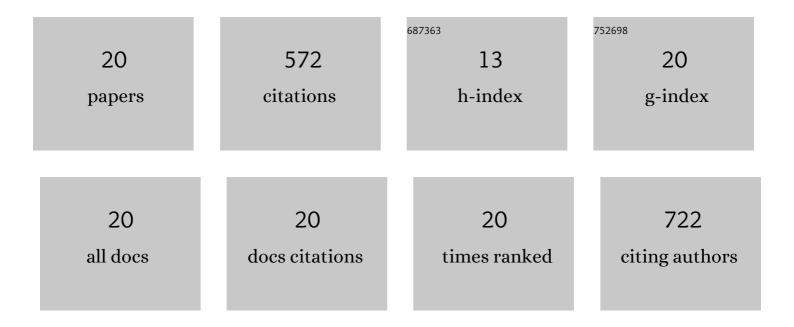
Jean-François Brun

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Thermoelectric properties of bulk multi-walled carbon nanotube - poly(vinylidene fluoride) nanocomposites: Study of the structure/property relationships. Synthetic Metals, 2020, 269, 116525.	3.9	8
2	Measurement of the thermal conductivity of flexible biosourced polymers using the 3-omega method. Polymer Testing, 2018, 70, 503-510.	4.8	7
3	Evidence of interfacial charge trapping mechanism in polyaniline/reduced graphene oxide nanocomposites. Applied Physics Letters, 2015, 107, .	3.3	23
4	Electrical and thermal transport properties of polyaniline/silver composites and their use as thermoelectric materials. Synthetic Metals, 2015, 199, 196-204.	3.9	47
5	Transport and thermoelectric properties of polyaniline/reduced graphene oxide nanocomposites. Nanotechnology, 2014, 25, 475705.	2.6	33
6	Infrared optical properties of α-alumina with the approach to melting: γ-like tetrahedral structure and small polaron conduction. Journal of Applied Physics, 2013, 114, .	2.5	16
7	Carbon nanotube-polyaniline nanohybrids: Influence of the carbon nanotube characteristics on the morphological, spectroscopic, electrical and thermoelectric properties. Synthetic Metals, 2012, 162, 1348-1356.	3.9	79
8	Horizontally-aligned carbon nanotubes arrays and their interactions with liquid crystal molecules: Physical characteristics and display applications. AIP Advances, 2012, 2, .	1.3	9
9	Electro-optic and dielectric properties of optical switching devices based on liquid crystal dispersions and driven by conducting polymer [poly(3,4-ethylene dioxythiophene):polystyrene sulfonate (PEDOT:PSS)]-coated electrodes. Journal of Applied Physics, 2010, 108, .	2.5	28
10	Fast X-ray scattering measurements on high temperature levitated liquids. Journal of Non-Crystalline Solids, 2008, 354, 5104-5107.	3.1	11
11	Longitudinal excitations in Mg–Al–O refractory oxide melts studied by inelastic x-ray scattering. Journal of Chemical Physics, 2007, 126, 114505.	3.0	12
12	Structure and dynamics of levitated liquid aluminates. Journal of Non-Crystalline Solids, 2007, 353, 1705-1712.	3.1	17
13	Ab-initio molecular dynamics simulations of the structure of liquid aluminates. Journal of Non-Crystalline Solids, 2007, 353, 1789-1792.	3.1	24
14	Structure and dynamics of levitated liquid materials. Pure and Applied Chemistry, 2007, 79, 1643-1652.	1.9	7
15	Structural properties of molten dilute aluminium–transition metal alloys. Journal of Physics Condensed Matter, 2006, 18, 6469-6480.	1.8	3
16	Levitation apparatus for neutron diffraction investigations on high temperature liquids. Review of Scientific Instruments, 2006, 77, 053903.	1.3	70
17	Polar lattice dynamics of the MgAl2O4spinel up to the liquid state. Journal of Physics Condensed Matter, 2006, 18, 5669-5686.	1.8	27
18	Temperature Measurement: Christiansen Wavelength and Blackbody Reference. International Journal of Thermophysics, 2005, 26, 1277-1286.	2.1	69

#	Article	IF	CITATIONS
19	Contribution of Semi-Quantum Dielectric Function Models to the Analysis of Infrared Spectra. Applied Spectroscopy, 2004, 58, 969-974.	2.2	62
20	Dispersion Relations and Phase Retrieval in Infrared Reflection Spectra Analysis. Applied Spectroscopy, 2001, 55, 774-780.	2.2	20