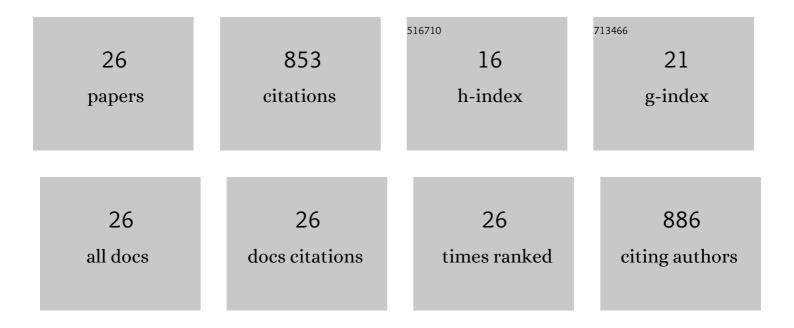
Christophe Dutouquet

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Towards the development of safer by design TiO ₂ -based photocatalytic paint: impacts and performances. Environmental Science: Nano, 2021, 8, 758-772.	4.3	9
2	Compositional Analysis of Aerosols Using Calibration-Free Laser-Induced Breakdown Spectroscopy. Analytical Chemistry, 2016, 88, 4029-4035.	6.5	27
3	Simulation of emission spectra from nonuniform reactive laser-induced plasmas. Physical Review E, 2015, 92, 053103.	2.1	52
4	Monitoring of heavy metal particle emission in the exhaust duct of a foundry using LIBS. Talanta, 2014, 127, 75-81.	5.5	24
5	Comparative investigation of laser ablation plumes in air and argon by analysis of spectral line shapes: Insights on calibration-free laser-induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2014, 100, 189-196.	2.9	37
6	Analytical performances of laser-induced micro-plasma of Al samples with single and double ultrashort pulses in air and with Ar-jet: A comparative study. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2014, 99, 163-171.	2.9	4
7	Sampling considerations when analyzing micrometric-sized particles in a liquid jet using laser induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2014, 91, 5-11.	2.9	16
8	Determination of the elemental composition of micrometric and submicrometric particles levitating in a low pressure Radio-Frequency plasma discharge using Laser-Induced Breakdown Spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2013, 83-84, 14-20.	2.9	6
9	Particle Sampling by TEM Grid Filtration. Aerosol Science and Technology, 2013, 47, 767-775.	3.1	68
10	Aerosols Analysis by LIBS for Monitoring of Air Pollution by Industrial Sources. Aerosol Science and Technology, 2011, 45, 918-926.	3.1	61
11	Nano-droplet ejection and nucleation of materials submitted to non-thermal plasma filaments. EPJ Applied Physics, 2011, 56, 24019.	0.7	8
12	Analysis of particle release using LIBS (laser-induced breakdown spectroscopy) and TEM (transmission) Tj ETQq Nanoparticle Research, 2011, 13, 563-577.	0 0 0 rgBT 1.9	/Overlock 10 23
13	On-line determination of nanometric and sub-micrometric particle physicochemical characteristics using spectral imaging-aided Laser-Induced Breakdown Spectroscopy coupled with a Scanning Mobility Particle Sizer. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2009, 64, 1141-1152.	2.9	20
14	On-line monitoring of composite nanoparticles synthesized in a pre-industrial laser pyrolysis reactor using Laser-Induced Breakdown Spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2008, 63, 1183-1190.	2.9	37
15	Laser fluence, repetition rate and pulse duration effects on paint ablation. Applied Surface Science, 2006, 252, 2131-2138.	6.1	119
16	Ultrashort double pulse laser ablation of metals. Thin Solid Films, 2004, 453-454, 501-505.	1.8	187
17	Étude des processus physico-chimiques dans unÂplasma produit par ablation laser pour laÂcroissance de couches minces. European Physical Journal Special Topics, 2003, 108, 59-59.	0.2	0
18	<title>Analysis of gas-phase reactions during pulsed laser ablation using laser-induced fluorescence,</td><td></td><td>0</td></tr></tbody></table></title>		

<title>Analysis of gas-phase reactions during pulsed laser ablation using laser-induced fluorescence, absorption, and emission spectroscopy</title>., 2002, , .

#	Article	IF	CITATIONS
19	Local thermal equilibrium plasma modeling for analyses of gas-phase reactions during reactive-laser ablation. Journal of Applied Physics, 2002, 91, 10188.	2.5	48
20	Laser-induced fluorescence probing during pulsed-laser ablation for three-dimensional number density mapping of plasma species. Journal Physics D: Applied Physics, 2002, 35, 1458-1458.	2.8	0
21	Laser-induced fluorescence probing during pulsed-laser ablation for three-dimensional number density mapping of plasma species. Journal Physics D: Applied Physics, 2001, 34, 3356-3363.	2.8	40
22	Analyses of the TiO-Î ³ system for temperature measurements in a laser-induced plasma. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 153-164.	1.5	17
23	Detection of boron nitride radicals by emission spectroscopy in a laser-induced plasma. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2001, 56, 629-635.	2.9	10
24	<title>Aluminum nitride growth by reactive pulsed laser deposition</title> . , 2000, 4070, 270.		0
25	Analyses of gas-phase reactions during reactive laser ablation using emission spectroscopy. Journal Physics D: Applied Physics, 1999, 32, 2707-2713.	2.8	39
26	Lab-scale characterization of emissions from incineration of halogen- and sulfur-containing nanowastes by use of a tubular furnace. International Journal of Environmental Science and Technology, 0, , 1.	3.5	1

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