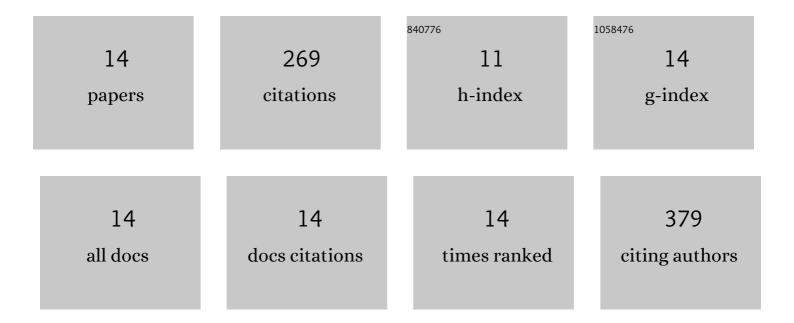
Xavier Machuron-Mandard

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Plutonium dioxide particle properties as a function of calcination temperature. Journal of Alloys and Compounds, 1996, 235, 216-224.	5.5	51
2	Comparison of the activation time effects and the internal energy distributions for the CID, PQD and HCD excitation modes. Journal of Mass Spectrometry, 2014, 49, 498-508.	1.6	38
3	Capabilities and limitations of direct analysis in real time orbitrap mass spectrometry and tandem mass spectrometry for the analysis of synthetic and natural polymers. Rapid Communications in Mass Spectrometry, 2013, 27, 2057-2070.	1.5	32
4	Quantitative analysis of phosphoric acid esters in aqueous samples by isotope dilution stir-bar sorptive extraction combined with direct analysis in real time (DART)-Orbitrap mass spectrometry. Analytica Chimica Acta, 2015, 869, 1-10.	5.4	30
5	A LC–MS method allowing the analysis of HMX and RDX present at the picogram level in natural aqueous samples without a concentration step. Talanta, 2009, 77, 1609-1613.	5.5	20
6	A MEMS electron impact ion source integrated in a microtime-of-flight mass spectrometer. Sensors and Actuators B: Chemical, 2013, 189, 173-178.	7.8	18
7	Identification tree based on fragmentation rules for structure elucidation of organophosphorus esters by electrospray mass spectrometry. Journal of Mass Spectrometry, 2013, 48, 576-586.	1.6	18
8	Collision cell pressure effect on CID spectra pattern using triple quadrupole instruments: a RRKM modeling. Journal of Mass Spectrometry, 2013, 48, 179-186.	1.6	13
9	Differentiation of isomeric dinitrotoluenes and aminodinitrotoluenes using electrospray high resolution mass spectrometry. Journal of Mass Spectrometry, 2014, 49, 1330-1337.	1.6	13
10	Basic studies on the kinetics and mechanism of the rapid dissolution reaction of plutonium dioxide under reducing conditions in acidic media. Journal of Alloys and Compounds, 1994, 213-214, 100-105.	5.5	12
11	Clarification of the 30 Da releases from the [M-H]â^'and Mâ^'•ions of trinitrotoluene by electrospray high resolution mass spectrometry. Journal of Mass Spectrometry, 2014, 49, 327-330.	1.6	12
12	ESI formation of a Meisenheimer complex from tetryl and its unusual dissociation. Journal of Mass Spectrometry, 2013, 48, 306-311.	1.6	8
13	A MEMS Electron Impact ion Source Integrated in a Micro-time-of-flight Mass Spectrometer. Procedia Engineering, 2012, 47, 538-541.	1.2	2
14	New insights into dissociation of deprotonated 2,4â€dinitrotoluene by combined highâ€resolution mass spectrometry and density functional theory calculations. Rapid Communications in Mass Spectrometry, 2015, 29, 29-34.	1.5	2