

Fanny Claverie

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

741
citations

623734

14
h-index

713466

21
g-index

30
all docs

30
docs citations

30
times ranked

837
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct analysis of solid samples by fs-LA-ICP-MS. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 951-966.	11.4	181
2	Simultaneous use of strontium:calcium and barium:calcium ratios in otoliths as markers of habitat: Application to the European eel (<i>Anguilla anguilla</i>) in the Adour basin, South West France. <i>Marine Environmental Research</i> , 2010, 70, 35-45.	2.5	125
3	Sensitive Detection of Selenoproteins in Gel Electrophoresis by High Repetition Rate Femtosecond Laser Ablation-Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 6874-6880.	6.5	56
4	Elemental fractionation effects in high repetition rate IR femtosecond laser ablation ICP-MS analysis of glasses. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 891.	3.0	50
5	Direct Determination of Trace Elements in Powdered Samples by In-Cell Isotope Dilution Femtosecond Laser Ablation ICPMS. <i>Analytical Chemistry</i> , 2008, 80, 6981-6994.	6.5	47
6	Solid-spiking isotope dilution laser ablation ICP-MS for the direct and simultaneous determination of trace elements in soils and sediments. <i>Journal of Analytical Atomic Spectrometry</i> , 2008, 23, 367-377.	3.0	43
7	Femtosecond laser ablation ICP-MS measurement of otolith Sr:Ca and Ba:Ca composition reveal differential use of freshwater habitats for three amphidromous <i>Sicyopterus</i> (Teleostei) Tj ETQq1 1 0.784314.rgBT /Overlock 10 T	2.9	27
8	Measurement of the isotopic composition of uranium micrometer-size particles by femtosecond laser ablation-inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2014, 93, 52-60.	2.9	27
9	Standard Addition Method for Laser Ablation ICPMS Using a Spinning Platform. <i>Analytical Chemistry</i> , 2013, 85, 3584-3591.	6.5	24
10	Regional-scale paleofluid system across the Tuscan Nappe "Umbria" Marche Apennine Ridge (northern) Tj ETQq0 0 0 rgBT /Overlock Earth, 2020, 11, 1617-1641.	2.8	23
11	Improving Precision and Accuracy of Isotope Ratios from Short Transient Laser Ablation-Multicollector-Inductively Coupled Plasma Mass Spectrometry Signals: Application to Micrometer-Size Uranium Particles. <i>Analytical Chemistry</i> , 2016, 88, 4375-4382.	6.5	22
12	Elemental analyses of soil and sediment fused with lithium borate using isotope dilution laser ablation-inductively coupled plasma-mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 793, 72-78.	5.4	21
13	Characterization of the aerosol produced by infrared femtosecond laser ablation of polyacrylamide gels for the sensitive inductively coupled plasma mass spectrometry detection of selenoproteins. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 649-658.	2.9	15
14	Direct U-Pb dating of carbonates from micron-scale femtosecond laser ablation inductively coupled plasma mass spectrometry images using robust regression. <i>Geochronology</i> , 2021, 3, 67-87.	2.5	15
15	Evidence of diadromy in the French Polynesian <i>Kuhlia</i> (Teleostei: Percoidei) inferred from otolith microchemistry analysis. <i>Ecology of Freshwater Fish</i> , 2011, 20, 636-645.	1.4	12
16	1980s population-specific compositions of two related anadromous shad species during the oceanic phase determined by microchemistry of archived otoliths. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 164-176.	1.4	12
17	Putting a spin on LA-ICP-MS analysis combined to isotope dilution. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2289-2299.	3.7	10
18	Synthesis of amino-functionalized silica nanoparticles for preparation of new laboratory standards. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 138, 1-7.	2.9	9

#	ARTICLE	IF	CITATIONS
19	Direct Online Determination of Laser-Induced Particle Size Distribution by ICPMS. Analytical Chemistry, 2017, 89, 8791-8799.	6.5	6
20	Isotope dilution mass spectrometry for quantitative elemental analysis of powdered samples by radiofrequency pulsed glow discharge time of flight mass spectrometry. Talanta, 2013, 115, 657-664.	5.5	5
21	Isotopic Imaging Using fsLA Single-Collector ICP-SFMS for Direct U/Th Dating of Small Archaeological Carbonates. Analytical Chemistry, 2022, 94, 3046-3055.	6.5	5
22	Laser ablation. , 2020, , 469-531.		1
23	Compact, high performance femtosecond laser ablation system for trace element analysis. , 2007, , .		0
24	Compact, high performance femtosecond laser ablation system for trace element analysis. , 2007, , .		0
25	Isotope imaging of ultra-traces by LA-fs HR-ICP-MS for U-series dating (U/Th) of archaeological biominerals: how far can we go?. Journal of Physics: Conference Series, 2022, 2204, 012017.	0.4	0