Audrey Combes

List of Publications by Year
in descending order

38 papers	913 citations	471061 17 h-index	476904 29 g-index
40 all docs	40 docs citations	40 times ranked	1236 citing authors

#	Article	IF	Citations
1	Sample Preparation Using Molecularly Imprinted Polymers. Analytical Chemistry, 2020, 92, 16-33.	3.2	132
2	Aptamer-based-sorbents for sample treatmentâ€"a review. Analytical and Bioanalytical Chemistry, 2015, 407, 681-698.	1.9	87
3	Chemical Communication between the Endophytic Fungus Paraconiothyrium Variabile and the Phytopathogen Fusarium oxysporum. PLoS ONE, 2012, 7, e47313.	1.1	79
4	Selective solid-phase extraction of organophosphorus pesticides and their oxon-derivatives from water samples using molecularly imprinted polymer followed by high-performance liquid chromatography with UV detection. Journal of Chromatography A, 2020, 1626, 461346.	1.8	56
5	A Collaborative Evaluation of LC-MS/MS Based Methods for BMAA Analysis: Soluble Bound BMAA Found to Be an Important Fraction. Marine Drugs, 2016, 14, 45.	2.2	47
6	Validation of the analytical procedure for the determination of the neurotoxin Î²-N-methylamino-l-alanine in complex environmental samples. Analytica Chimica Acta, 2013, 771, 42-49.	2.6	39
7	Synthesis and application of molecularly imprinted polymers for the selective extraction of organophosphorus pesticides from vegetable oils. Journal of Chromatography A, 2017, 1513, 59-68.	1.8	34
8	Synthesis and application of molecularly imprinted silica for the selective extraction of some polar organophosphorus pesticides from almond oil. Analytica Chimica Acta, 2018, 1018, 35-44.	2.6	29
9	Ciliate Nassula sp. grazing on a microcystin-producing cyanobacterium (Planktothrix agardhii): impact on cell growth and in the microcystin fractions. Aquatic Toxicology, 2013, 126, 435-441.	1.9	27
10	Selective tools for the solid-phase extraction of Ochratoxin A from various complex samples: immunosorbents, oligosorbents, and molecularly imprinted polymers. Analytical and Bioanalytical Chemistry, 2016, 408, 6983-6999.	1.9	26
11	Searching for a link between the L-BMAA neurotoxin and amyotrophic lateral sclerosis: a study protocol of the French BMAALS programme. BMJ Open, 2014, 4, e005528-e005528.	0.8	25
12	First characterizations by capillary electrophoresis of human Chorionic Gonadotropin at the intact level. Talanta, 2019, 193, 77-86.	2.9	24
13	Salivary metabolites to detect patients with cancer: a systematic review. International Journal of Clinical Oncology, 2020, 25, 1016-1036.	1.0	24
14	Development of an analytical procedure for quantifying the underivatized neurotoxin Î²-N-methylamino-l-alanine in brain tissues. Analytical and Bioanalytical Chemistry, 2014, 406, 4627-4636.	1.9	23
15	Immunoaffinity Extraction and Alternative Approaches for the Analysis of Toxins in Environmental, Food or Biological Matrices. Toxins, 2020, 12, 795.	1.5	21
16	Online coupling of immunoextraction, digestion, and microliquid chromatography-tandem mass spectrometry for the analysis of sarin and soman-butyrylcholinesterase adducts in human plasma. Analytical and Bioanalytical Chemistry, 2018, 410, 1039-1051.	1.9	20
17	Development and application of water-compatible molecularly imprinted polymers for the selective extraction of carbamazepine from environmental waters. Analytical and Bioanalytical Chemistry, 2019, 411, 1525-1536.	1.9	18
18	Specificity of the metabolic signatures of fish from cyanobacteria rich lakes. Chemosphere, 2019, 226, 183-191.	4.2	18

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19	Immunosorbents in microextraction. TrAC - Trends in Analytical Chemistry, 2019, 113, 246-255.	5.8	18
20	An attempt to characterize the human Chorionic Gonadotropin protein by reversed phase liquid chromatography coupled with high-resolution mass spectrometry at the intact level. Journal of Pharmaceutical and Biomedical Analysis, 2018, 161, 35-44.	1.4	17
21	Tracking the degradation pathway of three model aqueous pollutants in a heterogeneous Fenton process. Journal of Environmental Chemical Engineering, 2019, 7, 102987.	3.3	16
22	Using an Untargeted Metabolomics Approach to Identify Salivary Metabolites in Women with Breast Cancer. Metabolites, 2020, 10, 506.	1.3	16
23	Analysis of the human chorionic gonadotropin protein at the intact level by HILIC-MS and comparison with RPLC-MS. Analytical and Bioanalytical Chemistry, 2020, 412, 4423-4432.	1.9	15
24	Synthesis of a molecularly imprinted sorbent for selective solid-phase extraction of Î²-N-methylamino-l-alanine. Talanta, 2015, 144, 1021-1029.	2.9	12
25	Development of immobilized-pepsin microreactors coupled to nano liquid chromatography and tandem mass spectrometry for the quantitative analysis of human butyrylcholinesterase. Journal of Chromatography A, 2016, 1461, 84-91.	1.8	12
26	Persistence of microcystin production byPlanktothrix agardhii(Cyanobacteria) exposed to different salinities. Phycologia, 2020, 59, 24-34.	0.6	10
27	Determination with Matrix-Assisted Laser Desorption/Ionization Tandem Time-of-Flight Mass Spectrometry of the Extensive Disulfide Bonding in Tarantula Venom Peptide Psalmopeotoxin I. European Journal of Mass Spectrometry, 2009, 15, 517-529.	0.5	9
28	Development of immunosorbents coupled on-line to immobilized pepsin reactor and micro liquid chromatographyâ€“tandem mass spectrometry for analysis of butyrylcholinesterase in human plasma. Journal of Chromatography A, 2017, 1526, 70-81.	1.8	8
29	Do mucosal biomarkers reveal the immunological state associated with food allergy?. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 2392-2394.	2.7	7
30	Identification and semi-relative quantification of intact glycoforms by nano-LCâ€“(Orbitrap)MS: application to the Î±-subunit of human chorionic gonadotropin and follicle-stimulating hormone. Analytical and Bioanalytical Chemistry, 2020, 412, 5729-5741.	1.9	7
31	Synthesis and characterization of molecularly imprinted polymers for the selective extraction of oxazepam from complex environmental and biological samples. Analytical and Bioanalytical Chemistry, 2022, 414, 451-463.	1.9	7
32	Development of a liquid chromatography-tandem mass spectrometry (LC-MS/MS) method for the analysis of tryptic digest of human hemoglobin exposed to sulfur mustard. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1163, 122518.	1.2	6
33	Synthesis and Characterization of Molecularly Imprinted Polymers for the Selective Extraction of Carbamazepine and Analogs from Human Urine Samples. Chromatographia, 2019, 82, 287-295.	0.7	5
34	Development and Application of Molecularly Imprinted Polymers for the Selective Extraction of Chlordecone from Bovine Serum. Separations, 2021, 8, 237.	1.1	5
35	Identification and semi-relative quantification of intact glycoforms of human chorionic gonadotropin alpha and beta subunits by nano liquid chromatography-Orbitrap mass spectrometry. Journal of Chromatography A, 2021, 1640, 461945.	1.8	4
36	Parallel artificial liquid membrane extraction of organophosphorus nerve agent degradation products from environmental samples. Analytica Chimica Acta, 2022, 1190, 339261.	2.6	4

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37	Analysis of long-lived sulfur mustard-human hemoglobin adducts in blood samples by red blood cells lysis and on-line coupling of digestion on an immobilized-trypsin reactor with liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2022, 1665, 462830.	1.8	3
38	Development of an immobilized-trypsin reactor coupled to liquid chromatography and tandem mass spectrometry for the analysis of human hemoglobin adducts with sulfur mustard. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1186, 123031.	1.2	3