

Serge Rudaz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

347
papers

11,613
citations

55
h-index

84
g-index

374
ext. papers

12,872
ext. citations

4
avg, IF

6.51
L-index

#	Paper	IF	Citations
347	Psychological distress and well-being among students of health disciplines in Geneva, Switzerland: The importance of academic satisfaction in the context of academic year-end and COVID-19 stress on their learning experience.. <i>PLoS ONE</i> , 2022 , 17, e0266612	3.7	1
346	Wipe-sampling procedure optimisation for the determination of 23 antineoplastic drugs used in the hospital pharmacy. <i>European Journal of Hospital Pharmacy</i> , 2021 , 28, 94-99	1.6	1
345	Separation and determination of cysteine enantiomers in plasma after derivatization with 4-fluoro-7-nitrobenzofurazan.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 209, 114539	3.5	0
344	Internal calibration as an emerging approach for endogenous analyte quantification: Application to steroids.. <i>Talanta</i> , 2021 , 240, 123149	6.2	3
343	Evaluation of a nanoflow interface based on the triple-tube coaxial sheath-flow sprayer for capillary electrophoresis-mass spectrometry coupling in metabolomics. <i>Journal of Chromatography A</i> , 2021 , 1641, 461982	4.5	0
342	Ion mobility-high resolution mass spectrometry in anti-doping analysis. Part I: Implementation of a screening method with the assessment of a library of substances prohibited in sports. <i>Analytica Chimica Acta</i> , 2021 , 1152, 338257	6.6	9
341	Longitudinal evaluation of multiple biomarkers for the detection of testosterone gel administration in women with normal menstrual cycle. <i>Drug Testing and Analysis</i> , 2021 ,	3.5	3
340	Gaining Insights Into Metabolic Networks Using Chemometrics and Bioinformatics: Chronic Kidney Disease as a Clinical Model. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 682559	5.6	0
339	Capillary Electrophoresis Instruments for Medical Applications and Falsified Drug Analysis/Quality Control in Developing Countries. <i>Analytical Chemistry</i> , 2021 , 93, 8107-8115	7.8	0
338	Network principal component analysis: a versatile tool for the investigation of multigroup and multiblock datasets. <i>Bioinformatics</i> , 2021 , 37, 1297-1303	7.2	5
337	Evaluation of ion mobility in capillary electrophoresis coupled to mass spectrometry for the identification in metabolomics. <i>Electrophoresis</i> , 2021 , 42, 342-349	3.6	4
336	From a single steroid to the steroidome: Trends and analytical challenges. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021 , 206, 105797	5.1	15
335	Determination of antiretroviral drugs for buyers' club in Switzerland using capillary electrophoresis methods. <i>Electrophoresis</i> , 2021 , 42, 708-718	3.6	1
334	Psychological Distress and Well-Being among Students of Health Disciplines: The Importance of Academic Satisfaction. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	5
333	New insights into the conversion of electropherograms to the effective electrophoretic mobility scale. <i>Electrophoresis</i> , 2021 , 42, 1875-1884	3.6	0
332	Ion mobility-high resolution mass spectrometry in doping control analysis. Part II: Comparison of acquisition modes with and without ion mobility. <i>Analytica Chimica Acta</i> , 2021 , 1175, 338739	6.6	5
331	Steroid profiling by UHPLC-MS/MS in dried blood spots collected from healthy women with and without testosterone gel administration. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 204, 114280	3.5	3

330	Progress towards an OECD reporting framework for transcriptomics and metabolomics in regulatory toxicology. <i>Regulatory Toxicology and Pharmacology</i> , 2021 , 125, 105020	3.4	6
329	Approaches in metabolomics for regulatory toxicology applications. <i>Analyst, The</i> , 2021 , 146, 1820-1834	5	13
328	Scientific Opinion of the Scientific Panel on Plant Protection Products and their Residues (PPR Panel) on testing and interpretation of comparative metabolism studies.. <i>EFSA Journal</i> , 2021 , 19, e06970	2.3	0
327	Development and validation of an UHPLC-MS/MS method for extended serum steroid profiling in female populations. <i>Bioanalysis</i> , 2020 , 12, 753-768	2.1	9
326	Applicability of Supercritical fluid chromatography-Mass spectrometry to metabolomics. II-Assessment of a comprehensive library of metabolites and evaluation of biological matrices. <i>Journal of Chromatography A</i> , 2020 , 1620, 461021	4.5	26
325	Hyperon polarization in relativistic heavy ion collisions and axial U(1) symmetry breaking at high temperature. <i>Physical Review C</i> , 2020 , 101,	2.7	16
324	Interlaboratory and Interplatform Study of Steroids Collision Cross Section by Traveling Wave Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2020 , 92, 5013-5022	7.8	28
323	Semen endocannabinoids are correlated to sperm quality in a cohort of 200 young Swiss men. <i>Andrology</i> , 2020 , 8, 1126-1135	4.2	6
322	Relaxation time for strange quark spin in rotating quark-gluon plasma. <i>Physical Review C</i> , 2020 , 101,	2.7	18
321	Spin versus helicity equilibration times and Lagrangian for strange quarks in rotating quark-gluon plasma. <i>Physical Review C</i> , 2020 , 102,	2.7	5
320	Liquid Chromatography-Tandem Mass Spectrometry Method for Ticagrelor and its Active Metabolite Determination in Human Plasma: Application to a Pharmacokinetic Study. <i>Current Analytical Chemistry</i> , 2020 , 16, 602-608	1.7	
319	Bacterial cell cycle control by citrate synthase independent of enzymatic activity. <i>ELife</i> , 2020 , 9,	8.9	7
318	Respiratory tissue-associated commensal bacteria offer therapeutic potential against pneumococcal colonization. <i>ELife</i> , 2020 , 9,	8.9	4
317	Mass spectrometry metabolomic data handling for biomarker discovery 2020 , 369-388		1
316	Implementation of liquid chromatography-high resolution mass spectrometry methods for untargeted metabolomic analyses of biological samples: A tutorial. <i>Analytica Chimica Acta</i> , 2020 , 1105, 28-44	6.6	50
315	Profiling of anabolic androgenic steroids and selective androgen receptor modulators for interference with adrenal steroidogenesis. <i>Biochemical Pharmacology</i> , 2020 , 172, 113781	6	4
314	Optimized one-pot derivatization and enantioseparation of cysteine: Application to the study of a dietary supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 180, 113066	3.5	4
313	Supercritical fluid chromatography-mass spectrometry in routine anti-doping analyses: Estimation of retention time variability under reproducible conditions. <i>Journal of Chromatography A</i> , 2020 , 1616, 460780	4.5	8

312	Steroid profile analysis by LC-HRMS in human seminal fluid. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1136, 121929	3.2	8
311	Combining the advantages of multilevel and orthogonal partial least squares data analysis for longitudinal metabolomics: Application to kidney transplantation. <i>Analytica Chimica Acta</i> , 2020 , 1099, 26-38	6.6	5
310	Evaluation of Different Tandem MS Acquisition Modes to Support Metabolite Annotation in Human Plasma Using Ultra High-Performance Liquid Chromatography High-Resolution Mass Spectrometry for Untargeted Metabolomics. <i>Metabolites</i> , 2020 , 10,	5.6	4
309	Exploring blood alterations in chronic kidney disease and haemodialysis using metabolomics. <i>Scientific Reports</i> , 2020 , 10, 19502	4.9	8
308	Capillary Electrophoresis-Mass Spectrometry at Trial by Metabo-Ring: Effective Electrophoretic Mobility for Reproducible and Robust Compound Annotation. <i>Analytical Chemistry</i> , 2020 , 92, 14103-14112	7.8	18
307	Is pain temporary and glory forever? Detection of tramadol using dried blood spot in cycling competitions. <i>Drug Testing and Analysis</i> , 2020 , 12, 1649-1657	3.5	7
306	Analysis of Metabolomics Data from a Chemometrics Perspective 2020 , 483-505		0
305	Development and validation of a chiral UHPLC-MS method for the analysis of cysteine enantiomers in biological samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 177, 112841	3.5	14
304	Comprehensive Examination of the Mouse Lung Metabolome Following Infection Using a Multiplatform Mass Spectrometry Approach. <i>Journal of Proteome Research</i> , 2020 , 19, 2053-2070	5.6	19
303	Protein pathway analysis to study development-dependent effects of acute and repeated trimethyltin (TMT) treatments in 3D rat brain cell cultures. <i>Toxicology in Vitro</i> , 2019 , 60, 281-292	3.6	2
302	An Integrative Multi-Omics Workflow to Address Multifactorial Toxicology Experiments. <i>Metabolites</i> , 2019 , 9,	5.6	12
301	DynaStI: A Dynamic Retention Time Database for Steroidomics. <i>Metabolites</i> , 2019 , 9,	5.6	11
300	Validation and uncertainty estimation for trace amounts determination of 25 drugs used in hospital chemotherapy compounding units. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 172, 139-148	3.5	6
299	Antimycobacterial activity in a single-cell infection assay of ellagitannins from <i>Combretum aculeatum</i> and their bioavailable metabolites. <i>Journal of Ethnopharmacology</i> , 2019 , 238, 111832	5	7
298	Toward a better understanding of chronic kidney disease with complementary chromatographic methods hyphenated with mass spectrometry for improved polar metabolome coverage. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1116, 9-18	3.2	10
297	Steroidomics for highlighting novel serum biomarkers of testosterone doping. <i>Bioanalysis</i> , 2019 , 11, 1171-1187	2.1	15
296	Quantitative CE analysis of punicalagin in <i>Combretum aculeatum</i> extracts traditionally used in Senegal for the treatment of tuberculosis. <i>Electrophoresis</i> , 2019 , 40, 2820-2827	3.6	3
295	Impact of particle size gradients on the apparent efficiency of chromatographic columns. <i>Journal of Chromatography A</i> , 2019 , 1603, 208-215	4.5	6

294	Choosing an Optimal Sample Preparation in for Untargeted Metabolomics Approaches. <i>Metabolites</i> , 2019 , 9,	5.6	6
293	Analytical strategies for the determination of amino acids: Past, present and future trends. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1132, 121819	3.2	35
292	Electromembrane Extraction of Highly Polar Compounds: Analysis of Cardiovascular Biomarkers in Plasma. <i>Metabolites</i> , 2019 , 10,	5.6	16
291	Apparent efficiency of serially coupled columns in gradient elution liquid chromatography: Extension to the combination of any column formats. <i>Journal of Chromatography A</i> , 2019 , 1588, 159-162	4.5	5
290	Toxic doses of caffeine are needed to increase skeletal muscle contractility. <i>American Journal of Physiology - Cell Physiology</i> , 2019 , 316, C246-C251	5.4	13
289	Removal of batch effects using stratified subsampling of metabolomic data for in vitro endocrine disruptors screening. <i>Talanta</i> , 2019 , 195, 77-86	6.2	7
288	A scoring approach for multi-platform acquisition in metabolomics. <i>Journal of Chromatography A</i> , 2019 , 1592, 47-54	4.5	25
287	Electromembrane extraction: Overview of the last decade. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 113, 357-363	14.6	72
286	UHPLC-HRMS Analysis for Steroid Profiling in Serum (Steroidomics). <i>Methods in Molecular Biology</i> , 2018 , 1738, 261-278	1.4	9
285	Implementation of a generic liquid chromatographic method development workflow: Application to the analysis of phytocannabinoids and Cannabis sativa extracts. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 155, 116-124	3.5	23
284	Determination of 16 antineoplastic drugs by capillary electrophoresis with UV detection: Applications in quality control. <i>Electrophoresis</i> , 2018 , 39, 2512-2520	3.6	10
283	Impact of Boosted Antiretroviral Therapy on the Pharmacokinetics and Efficacy of Clopidogrel and Prasugrel Active Metabolites. <i>Clinical Pharmacokinetics</i> , 2018 , 57, 1347-1354	6.2	32
282	Survey on medicinal plants traditionally used in Senegal for the treatment of tuberculosis (TB) and assessment of their antimycobacterial activity. <i>Journal of Ethnopharmacology</i> , 2018 , 216, 71-78	5	12
281	ROMANCE: A new software tool to improve data robustness and feature identification in CE-MS metabolomics. <i>Electrophoresis</i> , 2018 , 39, 1222-1232	3.6	25
280	From method validation to result assessment: Established facts and pending questions. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 105, 68-74	14.6	17
279	Steroid profiles in both blood serum and seminal plasma are not correlated and do not reflect sperm quality: Study on the male reproductive health of fifty young Swiss men. <i>Clinical Biochemistry</i> , 2018 , 62, 39-46	3.5	8
278	Prediction of drug-drug interactions using physiologically-based pharmacokinetic models of CYP450 modulators included in Simcyp software. <i>Biopharmaceutics and Drug Disposition</i> , 2018 , 39, 3-17	1.7	22
277	Integration of Metabolomic Data From Multiple Analytical Platforms: Towards Extensive Coverage of the Metabolome. <i>Comprehensive Analytical Chemistry</i> , 2018 , 477-504	1.9	

276	Dynamics of Metabolite Induction in Fungal Co-cultures by Metabolomics at Both Volatile and Non-volatile Levels. <i>Frontiers in Microbiology</i> , 2018 , 9, 72	5.7	20
275	Facile Synthesis, Size-Separation, Characterization, and Antimicrobial Properties of Thiolated Copper Clusters. <i>ACS Applied Nano Materials</i> , 2018 , 1, 4258-4267	5.6	18
274	Apparent efficiency of serially coupled columns in isocratic and gradient elution modes. <i>Journal of Chromatography A</i> , 2018 , 1571, 121-131	4.5	12
273	Applicability of supercritical fluid chromatography - mass spectrometry to metabolomics. I - Optimization of separation conditions for the simultaneous analysis of hydrophilic and lipophilic substances. <i>Journal of Chromatography A</i> , 2018 , 1562, 96-107	4.5	55
272	FO040TOWARDS A BETTER UNDERSTANDING OF KIDNEY DISEASE USING METABOLOMICS. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, i35-i35	4.3	
271	New supported liquid membrane for electromembrane extraction of polar basic endogenous metabolites. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 159, 53-59	3.5	26
270	Extracting Knowledge from MS Clinical Metabolomic Data: Processing and Analysis Strategies. <i>Methods in Molecular Biology</i> , 2018 , 1730, 371-384	1.4	
269	Evolution in the design of a low sheath-flow interface for CE-MS and application to biological samples. <i>Electrophoresis</i> , 2018 , 39, 853-861	3.6	16
268	Metabolomics in chronic kidney disease: Strategies for extended metabolome coverage. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 161, 313-325	3.5	16
267	Effective mobility as a robust criterion for compound annotation and identification in metabolomics: Toward a mobility-based library. <i>Analytica Chimica Acta</i> , 2018 , 1032, 178-187	6.6	30
266	Steroid profiling in H295R cells to identify chemicals potentially disrupting the production of adrenal steroids. <i>Toxicology</i> , 2017 , 381, 51-63	4.4	31
265	Usefulness of PBPK Modeling in Incorporation of Clinical Conditions in Personalized Medicine. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 2380-2391	3.9	39
264	Enhanced metabolite annotation via dynamic retention time prediction: Steroidogenesis alterations as a case study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1071, 11-18	3.2	20
263	Indirect quantitative structure-retention relationship for steroid identification: A chemometric challenge at ChimieMerie 2016. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017 , 160, 52-58	3.8	1
262	Development of a New Extraction Device Based on Parallel-Electromembrane Extraction. <i>Analytical Chemistry</i> , 2017 , 89, 6346-6350	7.8	30
261	High-resolution mass spectrometry as an alternative detection method to tandem mass spectrometry for the analysis of endogenous steroids in serum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1052, 34-42	3.2	28
260	Metabolomic analysis of urine samples by UHPLC-QTOF-MS: Impact of normalization strategies. <i>Analytica Chimica Acta</i> , 2017 , 955, 27-35	6.6	66
259	Optimization of non-linear gradient in hydrophobic interaction chromatography for the analytical characterization of antibody-drug conjugates. <i>Journal of Chromatography A</i> , 2017 , 1481, 82-91	4.5	19

258	Unravelling the effects of multiple experimental factors in metabolomics, analysis of human neural cells with hydrophilic interaction liquid chromatography hyphenated to high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2017 , 1527, 53-60	4.5	20
257	Stability of busulfan solutions in polypropylene syringes and infusion bags as determined with an original assay. <i>American Journal of Health-System Pharmacy</i> , 2017 , 74, 1887-1894	2.2	1
256	ERE-dependent transcription and cell proliferation: Independency of these two processes mediated by the introduction of a sulfone function into the weak estrogen estrothiazine. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 109, 169-181	5.1	3
255	HDM-PAMPA to predict gastrointestinal absorption, binding percentage, equilibrium and kinetics constants with human serum albumin and using 2 end-point measurements. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 97, 143-150	5.1	9
254	Characterization of oxycodone in vitro metabolism by human cytochromes P450 and UDP-glucuronosyltransferases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 144, 129-137	3.5	12
253	Long-term stability of ganciclovir in polypropylene containers at room temperature. <i>Journal of Oncology Pharmacy Practice</i> , 2017 , 1078155217732629	1.7	3
252	Sample preparation for polar metabolites in bioanalysis. <i>Analyst, The</i> , 2017 , 143, 16-20	5	39
251	Evaluation of Quantification Methods to Compensate for Matrix Effects in the Analysis of Benzalkonium Chloride and Didecyldimethylammonium Chloride in Fruits and Vegetables by LC-ESI-MS/MS. <i>Food Analytical Methods</i> , 2016 , 9, 485-499	3.4	6
250	Evaluation of steroidomics by liquid chromatography hyphenated to mass spectrometry as a powerful analytical strategy for measuring human steroid perturbations. <i>Journal of Chromatography A</i> , 2016 , 1430, 97-112	4.5	61
249	Capillary Electrophoresis-Ultraviolet-Mass Spectrometry (CE-UV-MS) for the Simultaneous Determination and Quantification of Insulin Formulations. <i>Methods in Molecular Biology</i> , 2016 , 1466, 185-95	1.4	1
248	Intestinal permeability and P-glycoprotein-mediated efflux transport of ticagrelor in Caco-2 monolayer cells. <i>Fundamental and Clinical Pharmacology</i> , 2016 , 30, 577-584	3.1	19
247	Structured plant metabolomics for the simultaneous exploration of multiple factors. <i>Scientific Reports</i> , 2016 , 6, 37390	4.9	10
246	Evaluation of capillary electrophoresis-mass spectrometry for the analysis of the conformational heterogeneity of intact proteins using beta-microglobulin as model compound. <i>Analytica Chimica Acta</i> , 2016 , 945, 102-109	6.6	16
245	High-throughput identification of monoclonal antibodies after compounding by UV spectroscopy coupled to chemometrics analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 5915-5924	4.4	6
244	An extensive cocktail approach for rapid risk assessment of in vitro CYP450 direct reversible inhibition by xenobiotic exposure. <i>Toxicology and Applied Pharmacology</i> , 2016 , 302, 41-51	4.6	11
243	Methods for Doping Detection. <i>Frontiers of Hormone Research</i> , 2016 , 47, 153-67	3.5	9
242	Separation of substrates and closely related glucuronide metabolites using various chromatographic modes. <i>Journal of Chromatography A</i> , 2016 , 1435, 54-65	4.5	16
241	Longitudinal monitoring of endogenous steroids in human serum by UHPLC-MS/MS as a tool to detect testosterone abuse in sports. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 705-19	4.4	42

240	Prediction of retention time in reversed-phase liquid chromatography as a tool for steroid identification. <i>Analytica Chimica Acta</i> , 2016 , 916, 8-16	6.6	44
239	Analysis of Riboflavin Compounds in the Rabbit Cornea In Vivo. <i>Current Eye Research</i> , 2016 , 41, 1166-72	2.9	8
238	Evaluation and identification of dioxin exposure biomarkers in human urine by high-resolution metabolomics, multivariate analysis and in vitro synthesis. <i>Toxicology Letters</i> , 2016 , 240, 22-31	4.4	22
237	Statistical Correlations between HPLC Activity-Based Profiling Results and NMR/MS Microfraction Data to Deconvolute Bioactive Compounds in Mixtures. <i>Molecules</i> , 2016 , 21, 259	4.8	11
236	Coadministration of ticagrelor and ritonavir: Toward prospective dose adjustment to maintain an optimal platelet inhibition using the PBPK approach. <i>Clinical Pharmacology and Therapeutics</i> , 2016 , 100, 295-304	6.1	27
235	CE-MS in Drug Analysis and Bioanalysis 2016 , 129-157		
234	Evaluation of a new low sheath-flow interface for CE-MS. <i>Electrophoresis</i> , 2016 , 37, 936-46	3.6	24
233	Dynamic-Electromembrane Extraction: A Technical Development for the Extraction of Neuropeptides. <i>Analytical Chemistry</i> , 2016 , 88, 5308-15	7.8	35
232	Exploring Omics data from designed experiments using analysis of variance multiblock Orthogonal Partial Least Squares. <i>Analytica Chimica Acta</i> , 2016 , 920, 18-28	6.6	38
231	Steroidomic Footprinting Based on Ultra-High Performance Liquid Chromatography Coupled with Qualitative and Quantitative High-Resolution Mass Spectrometry for the Evaluation of Endocrine Disrupting Chemicals in H295R Cells. <i>Chemical Research in Toxicology</i> , 2015 , 28, 955-66	4	23
230	Aminoglycoside analysis in food of animal origin with a zwitterionic stationary phase and liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2015 , 882, 127-39	6.6	51
229	Treatment with KLEPTOSE [®] CRYSMEB reduces mouse atherogenesis by impacting on lipid profile and Th1 lymphocyte response. <i>Vascular Pharmacology</i> , 2015 , 72, 197-208	5.9	11
228	Multi-way PLS regression: Monotony convergence of tri-linear PLS2 and optimality of parameters. <i>Computational Statistics and Data Analysis</i> , 2015 , 83, 129-139	1.6	8
227	Nonaqueous Capillary Electrophoresis 2015 , 581-606		
226	Evaluation of chemical contamination of surfaces during the preparation of chemotherapies in 24 hospital pharmacies. <i>European Journal of Hospital Pharmacy</i> , 2015 , 22, 333-341	1.6	21
225	Inhibition screening method of microsomal UGTs using the cocktail approach. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 71, 35-45	5.1	18
224	Efficacy of Two Cleaning Solutions for the Decontamination of 10 Antineoplastic Agents in the Biosafety Cabinets of a Hospital Pharmacy. <i>Annals of Occupational Hygiene</i> , 2015 , 59, 895-908		21
223	Integrating metabolomic data from multiple analytical platforms for a comprehensive characterisation of lemon essential oils. <i>Flavour and Fragrance Journal</i> , 2015 , 30, 131-138	2.5	11

222	Multi-way PLS for discrimination: Compact form equivalent to the tri-linear PLS2 procedure and its monotony convergence. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014 , 133, 25-32	3.8	12
221	New insights in carbohydrate-deficient transferrin analysis with capillary electrophoresis-mass spectrometry. <i>Forensic Science International</i> , 2014 , 243, 14-22	2.6	19
220	A cocktail approach for assessing the in vitro activity of human cytochrome P450s: an overview of current methodologies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 101, 221-37	3.5	72
219	Comprehensive profiling and marker identification in non-volatile citrus oil residues by mass spectrometry and nuclear magnetic resonance. <i>Food Chemistry</i> , 2014 , 150, 235-45	8.5	21
218	Retention modeling and method development in hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , 2014 , 1337, 116-27	4.5	56
217	Comparison of liquid chromatography and supercritical fluid chromatography coupled to compact single quadrupole mass spectrometer for targeted in vitro metabolism assay. <i>Journal of Chromatography A</i> , 2014 , 1371, 244-56	4.5	37
216	Harnessing the complexity of metabolomic data with chemometrics. <i>Journal of Chemometrics</i> , 2014 , 28, 1-9	1.6	70
215	Population normalization with ammonium in wastewater-based epidemiology: application to illicit drug monitoring. <i>Environmental Science & Technology</i> , 2014 , 48, 8162-9	10.3	102
214	Coupling ultra-high-pressure liquid chromatography with mass spectrometry for in-vitro drug-metabolism studies. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 63, 129-139	14.6	23
213	Quantitative monitoring of tamoxifen in human plasma extended to 40 metabolites using liquid-chromatography high-resolution mass spectrometry: new investigation capabilities for clinical pharmacology. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 2627-40	4.4	29
212	Human urinary biomarkers of dioxin exposure: analysis by metabolomics and biologically driven data dimensionality reduction. <i>Toxicology Letters</i> , 2014 , 230, 234-43	4.4	40
211	Non-aqueous capillary electrophoresis for the analysis of acidic compounds using negative electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1323, 163-73	4.5	27
210	Phenotyping of CYP450 in human liver microsomes using the cocktail approach. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 4875-87	4.4	23
209	Derivation of uncertainty functions from validation studies in biological fluids: application to the analysis of caffeine and its major metabolites in human plasma samples. <i>Journal of Chromatography A</i> , 2014 , 1353, 121-30	4.5	15
208	In-spray supercharging of intact proteins by capillary electrophoresis-electrospray ionization-mass spectrometry using sheath liquid interface. <i>Analytica Chimica Acta</i> , 2014 , 813, 97-105	6.6	18
207	Importance of instrumentation for fast liquid chromatography in pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 87, 105-19	3.5	98
206	Prediction of Metabolic Interactions With Oxycodone via CYP2D6 and CYP3A Inhibition Using a Physiologically Based Pharmacokinetic Model. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2014 , 3, e152	4.5	15
205	Non-aqueous Capillary Electrophoresis for the Analysis of Pharmaceutical Acidic Compounds Using Negative ESI-MS. <i>Chimia</i> , 2014 , 68, 665	1.3	

204	Untargeted profiling of urinary steroid metabolites after testosterone ingestion: opening new perspectives for antidoping testing. <i>Bioanalysis</i> , 2014 , 6, 2523-36	2.1	23
203	Differentiation of lemon essential oil based on volatile and non-volatile fractions with various analytical techniques: a metabolomic approach. <i>Food Chemistry</i> , 2014 , 143, 325-35	8.5	74
202	Online Microreactor Titanium Dioxide RPLC-LTQ-Orbitrap MS Automated Platform for Shotgun Analysis of (Phospho) Proteins in Human Amniotic Fluid. <i>Chromatographia</i> , 2014 , 77, 39-50	2.1	2
201	Static coatings for the analysis of intact monoclonal antibody drugs by capillary zone electrophoresis. <i>Electrophoresis</i> , 2013 , 34, 2718-24	3.6	23
200	Coupling UHPLC with MS: The Needs, Challenges, and Applications 2013 , 95-131		3
199	Mass Spectrometry Metabolomic Data Handling for Biomarker Discovery 2013 , 425-445		10
198	Influence des polymorphismes génétiques sur la variabilité de la réponse aux opioïdes. <i>Douleur Et Analgesie</i> , 2013 , 26, 203-208	0.2	3
197	Systematic comparison of sensitivity between hydrophilic interaction liquid chromatography and reversed phase liquid chromatography coupled with mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1312, 49-57	4.5	63
196	Contribution of various types of liquid chromatography-mass spectrometry instruments to band broadening in fast analysis. <i>Journal of Chromatography A</i> , 2013 , 1310, 45-55	4.5	35
195	Dispersive liquid-liquid microextraction combined with capillary electrophoresis and time-of-flight mass spectrometry for urine analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 73, 82-9	3.5	55
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