

Raimo A Ketola

List of Publications by Year in descending order

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46
papers

1,666
citations

236925

25
h-index

289244

40
g-index

47
all docs

47
docs citations

47
times ranked

1915
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug concentrations in postmortem specimens. <i>Drug Testing and Analysis</i> , 2019, 11, 1338-1357.	2.6	13
2	Postmortem blood concentrations of sartans measured by liquid chromatography-tandem mass spectrometry. <i>Forensic Toxicology</i> , 2016, 34, 235-243.	2.4	1
3	Compensation of Matrix Effects in a Standard Addition Method for Metformin in Postmortem Blood Using Liquid Chromatography-Electrospray-Tandem Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2015, 39, 359-364.	2.8	28
4	Early pregnancy cerebral venous thrombosis and status epilepticus treated with levetiracetam and lacosamide throughout pregnancy. <i>Reproductive Toxicology</i> , 2015, 57, 204-206.	2.9	25
5	Fatal kavalactone intoxication by suicidal intravenous injection. <i>Forensic Science International</i> , 2015, 249, e7-e11.	2.2	9
6	Identification of metabolites of fosinopril produced by human and rat liver microsomes with liquid chromatography-mass spectrometry. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 53, 86-94.	4.0	7
7	Wastewater analysis reveals regional variability in exposure to abused drugs and opioids in Finland. <i>Science of the Total Environment</i> , 2014, 487, 688-695.	8.0	50
8	In silico and in vitro metabolism studies support identification of designer drugs in human urine by liquid chromatography/quadrupole-time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 6697-6709.	3.7	59
9	Neurosteroid analysis by gas chromatography-atmospheric pressure photoionization-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 794, 76-81.	5.4	16
10	Steroid and steroid glucuronide profiles in urine during pregnancy determined by liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 802, 56-66.	5.4	12
11	Comparison of liquid chromatography-microchip/mass spectrometry to conventional liquid chromatography-mass spectrometry for the analysis of steroids. <i>Analytica Chimica Acta</i> , 2012, 721, 115-121.	5.4	17
12	A microfabricated micropillar liquid chromatographic chip monolithically integrated with an electrospray ionization tip. <i>Lab on A Chip</i> , 2012, 12, 325-332.	6.0	42
13	Rapid screening of drug compounds in urine using a combination of microextraction by packed sorbent and rotating micropillar array electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 297-303.	1.5	21
14	Rotating multitip micropillar array electrospray ionization-mass spectrometry for rapid analysis and high-throughput screening. <i>International Journal of Mass Spectrometry</i> , 2012, 310, 65-71.	1.5	6
15	Impact of probe compound in MRP2 vesicular transport assays. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 46, 100-105.	4.0	30
16	Mass spectrometric tools for cell and tissue studies. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 46, 293-314.	4.0	10
17	Integrated photocatalytic micropillar nanoreactor electrospray ionization chip for mimicking phase I metabolic reactions. <i>Lab on A Chip</i> , 2011, 11, 1470.	6.0	25
18	A microfabricated silicon platform with 60 microfluidic chips for rapid mass spectrometric analysis. <i>Lab on A Chip</i> , 2011, 11, 3011.	6.0	16

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19	Feasibility of capillary liquid chromatography–microchip-atmospheric pressure photoionization–mass spectrometry for pesticide analysis in tomato. <i>Analytica Chimica Acta</i> , 2011, 696, 77-83.	5.4	22
20	Analysis of selective androgen receptor modulators by gas chromatography-microchip atmospheric pressure photoionization-mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 310-316.	2.8	21
21	Direct Analysis of Glucuronides with Liquid Chromatography-Mass Spectrometric Techniques and Methods. <i>Current Drug Metabolism</i> , 2010, 11, 561-582.	1.2	27
22	Determination of Steroids and Their Intact Glucuronide Conjugates in Mouse Brain by Capillary Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 3168-3175.	6.5	40
23	Microchip technology in mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2009, 29, n/a-n/a.	5.4	94
24	Discovery of neurosteroid glucuronides in mouse brain. <i>Analytica Chimica Acta</i> , 2009, 651, 69-74.	5.4	10
25	Characterization of metabolites of sibutramine in primary cultures of rat hepatocytes by liquid chromatography–ion trap mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 1327-1336.	3.7	17
26	Fully polymeric integrated microreactor/electrospray ionization chip for on-chip digestion and mass spectrometric analysis. <i>Sensors and Actuators B: Chemical</i> , 2009, 143, 414-420.	7.8	20
27	Analysis of Intact Glucuronides and Sulfates of Serotonin, Dopamine, and Their Phase I Metabolites in Rat Brain Microdialysates by Liquid Chromatography–Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 8417-8425.	6.5	69
28	Discovery of Dopamine Glucuronide in Rat and Mouse Brain Microdialysis Samples Using Liquid Chromatography Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2009, 81, 427-434.	6.5	67
29	LC–MS–MS identification of albendazole and flubendazole metabolites formed ex vivo by <i>Haemonchus contortus</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 337-343.	3.7	46
30	Analytical characterization of microfabricated SU-8 emitters for electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2008, 43, 726-735.	1.6	18
31	Fabrication and fluidic characterization of silicon micropillar array electrospray ionization chip. <i>Sensors and Actuators B: Chemical</i> , 2008, 132, 380-387.	7.8	44
32	Characterization of the in vitro metabolic profile of amlodipine in rat using liquid chromatography–mass spectrometry. <i>European Journal of Pharmaceutical Sciences</i> , 2008, 33, 91-99.	4.0	44
33	Enzyme-assisted synthesis and characterization of glucuronide conjugates of neuroactive steroids. <i>Steroids</i> , 2007, 72, 287-296.	1.8	32
34	Microchip Sonic Spray Ionization. <i>Analytical Chemistry</i> , 2007, 79, 3519-3523.	6.5	19
35	Microchip for Combining Gas Chromatography or Capillary Liquid Chromatography with Atmospheric Pressure Photoionization-Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 4994-4999.	6.5	44
36	Fully Microfabricated and Integrated SU-8-Based Capillary Electrophoresis-Electrospray Ionization Microchips for Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 9135-9144.	6.5	56

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37	Desorption Atmospheric Pressure Photoionization. <i>Analytical Chemistry</i> , 2007, 79, 7867-7872.	6.5	224
38	Silicon micropillar array electrospray chip for drug and biomolecule analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3677-3682.	1.5	43
39	Capillary liquid chromatographyâ€“microchip atmospheric pressure chemical ionizationâ€“mass spectrometry. <i>Lab on A Chip</i> , 2006, 6, 948-953.	6.0	31
40	Gas Chromatography-Microchip Atmospheric Pressure Chemical Ionization-Mass Spectrometry. <i>Analytical Chemistry</i> , 2006, 78, 3027-3031.	6.5	36
41	Feasibility of different mass spectrometric techniques and programs for automated metabolite profiling of tramadol in human urine. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2081-2090.	1.5	39
42	Metabolite profile of sibutramine in human urine: a liquid chromatography-electrospray ionization mass spectrometric study. <i>Journal of Mass Spectrometry</i> , 2006, 41, 1171-1178.	1.6	24
43	Rapid simultaneous determination of metabolic clearance of multiple compounds catalyzed in vitro by recombinant human UDP-glucuronosyltransferases. <i>Analytical Biochemistry</i> , 2005, 341, 105-112.	2.4	7
44	Fabrication of enclosed SU-8 tips for electrospray ionization-mass spectrometry. <i>Electrophoresis</i> , 2005, 26, 4691-4702.	2.4	42
45	Characterization of SU-8 for electrokinetic microfluidic applications. <i>Lab on A Chip</i> , 2005, 5, 888.	6.0	93
46	Atmospheric Pressure Photoionization-Mass Spectrometry with a Microchip Heated Nebulizer. <i>Analytical Chemistry</i> , 2004, 76, 6797-6801.	6.5	50