

# Raimo A Ketola

## List of Publications by Year in descending order

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46  
papers

1,666  
citations

236833

25  
h-index

289141

40  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1915  
citing authors

#	ARTICLE	IF	CITATIONS
1	Desorption Atmospheric Pressure Photoionization. <i>Analytical Chemistry</i> , 2007, 79, 7867-7872.	3.2	224
2	Microchip technology in mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2009, 29, n/a-n/a.	2.8	94
3	Characterization of SU-8 for electrokinetic microfluidic applications. <i>Lab on A Chip</i> , 2005, 5, 888.	3.1	93
4	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.	3.2	69
5	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.	3.2	67
6	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.	1.9	59
7	Fully Microfabricated and Integrated SU-8-Based Capillary Electrophoresis-Electrospray Ionization Microchips for Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 9135-9144.	3.2	56
8	Atmospheric Pressure Photoionization-Mass Spectrometry with a Microchip Heated Nebulizer. <i>Analytical Chemistry</i> , 2004, 76, 6797-6801.	3.2	50
9	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.	3.9	50
10	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.	1.9	46
11	Microchip for Combining Gas Chromatography or Capillary Liquid Chromatography with Atmospheric Pressure Photoionization-Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 4994-4999.	3.2	44
12	Fabrication and fluidic characterization of silicon micropillar array electrospray ionization chip. <i>Sensors and Actuators B: Chemical</i> , 2008, 132, 380-387.	4.0	44
13	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.	1.9	44
14	Silicon micropillar array electrospray chip for drug and biomolecule analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3677-3682.	0.7	43
15	Fabrication of enclosed SU-8 tips for electrospray ionization-mass spectrometry. <i>Electrophoresis</i> , 2005, 26, 4691-4702.	1.3	42
16	A microfabricated micropillar liquid chromatographic chip monolithically integrated with an electrospray ionization tip. <i>Lab on A Chip</i> , 2012, 12, 325-332.	3.1	42
17	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.	3.2	40
18	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.	0.7	39

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19	Gas Chromatography-Microchip Atmospheric Pressure Chemical Ionization-Mass Spectrometry. <i>Analytical Chemistry</i> , 2006, 78, 3027-3031.	3.2	36
20	Enzyme-assisted synthesis and characterization of glucuronide conjugates of neuroactive steroids. <i>Steroids</i> , 2007, 72, 287-296.	0.8	32
21	Capillary liquid chromatographyâ€“microchip atmospheric pressure chemical ionizationâ€“mass spectrometry. <i>Lab on A Chip</i> , 2006, 6, 948-953.	3.1	31
22	Impact of probe compound in MRP2 vesicular transport assays. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 46, 100-105.	1.9	30
23	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.	1.7	28
24	Direct Analysis of Glucuronides with Liquid Chromatography-Mass Spectrometric Techniques and Methods. <i>Current Drug Metabolism</i> , 2010, 11, 561-582.	0.7	27
25	Integrated photocatalytic micropillar nanoreactor electrospray ionization chip for mimicking phase I metabolic reactions. <i>Lab on A Chip</i> , 2011, 11, 1470.	3.1	25
26	Early pregnancy cerebral venous thrombosis and status epilepticus treated with levetiracetam and lacosamide throughout pregnancy. <i>Reproductive Toxicology</i> , 2015, 57, 204-206.	1.3	25
27	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.	0.7	24
28	Feasibility of capillary liquid chromatographyâ€“microchip-atmospheric pressure photoionizationâ€“mass spectrometry for pesticide analysis in tomato. <i>Analytica Chimica Acta</i> , 2011, 696, 77-83.	2.6	22
29	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.	1.2	21
30	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.	0.7	21
31	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.	4.0	20
32	Microchip Sonic Spray Ionization. <i>Analytical Chemistry</i> , 2007, 79, 3519-3523.	3.2	19
33	Analytical characterization of microfabricated SUâ€“8 emitters for electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2008, 43, 726-735.	0.7	18
34	Characterization of metabolites of sibutramine in primary cultures of rat hepatocytes by liquid chromatographyâ€“ion trap mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 1327-1336.	1.9	17
35	Comparison of liquid chromatography-microchip/mass spectrometry to conventional liquid chromatographyâ€“mass spectrometry for the analysis of steroids. <i>Analytica Chimica Acta</i> , 2012, 721, 115-121.	2.6	17
36	A microfabricated silicon platform with 60 microfluidic chips for rapid mass spectrometric analysis. <i>Lab on A Chip</i> , 2011, 11, 3011.	3.1	16

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37	Neurosteroid analysis by gas chromatography–atmospheric pressure photoionization–tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 794, 76-81.	2.6	16
38	Drug concentrations in post-mortem specimens. <i>Drug Testing and Analysis</i> , 2019, 11, 1338-1357.	1.6	13
39	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.	2.6	12
40	Discovery of neurosteroid glucuronides in mouse brain. <i>Analytica Chimica Acta</i> , 2009, 651, 69-74.	2.6	10
41	Mass spectrometric tools for cell and tissue studies. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 46, 293-314.	1.9	10
42	Fatal kavalactone intoxication by suicidal intravenous injection. <i>Forensic Science International</i> , 2015, 249, e7-e11.	1.3	9
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.	1.1	7
44	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.	1.9	7
45	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.	0.7	6
46	Postmortem blood concentrations of sartans measured by liquid chromatography-tandem mass spectrometry. <i>Forensic Toxicology</i> , 2016, 34, 235-243.	1.4	1