

# Heesun Chung

## 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.

80  
papers

1,523  
citations

23  
h-index

34  
g-index

83  
ext. papers

1,684  
ext. citations

3.1  
avg, IF

4.35  
L-index

#	Paper	IF	Citations
80	Comparison of legislative management for new psychoactive substances control among Taiwan, South Korea, and Japan. <i>Kaohsiung Journal of Medical Sciences</i> , <b>2020</b> , 36, 135-142	2.4	5
79	The 3D morphological stability of P3HT nanowire-based bulk heterojunction thin films against light irradiation quantitatively resolved by TEM tomography. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 2027-2033	1.3	4
78	Challenges in forensic toxicology. <i>Australian Journal of Forensic Sciences</i> , <b>2019</b> , 51, 665-673	1.1	2
77	Postmortem proteomics to discover biomarkers for forensic PMI estimation. <i>International Journal of Legal Medicine</i> , <b>2019</b> , 133, 899-908	3.1	19
76	Analysis of hypoxanthine and lactic acid levels in vitreous humor for the estimation of post-mortem interval (PMI) using LC-MS/MS. <i>Forensic Science International</i> , <b>2019</b> , 299, 135-141	2.6	10
75	Urine Multi-drug Screening with GC-MS or LC-MS-MS Using SALLE-hybrid PPT/SPE. <i>Journal of Analytical Toxicology</i> , <b>2018</b> , 42, 617-624	2.9	13
74	Anthropogenic rare earth elements and their spatial distributions in the Han River, South Korea. <i>Chemosphere</i> , <b>2017</b> , 172, 155-165	8.4	48
73	New psychoactive substances of natural origin: A brief review. <i>Journal of Food and Drug Analysis</i> , <b>2017</b> , 25, 461-471	7	43
72	Voluntary Adoption of the IFRS and Industry-Level Comparability: Evidence from Korean Unlisted Firms. <i>Emerging Markets Finance and Trade</i> , <b>2017</b> , 53, 1654-1666	3.5	2
71	Prevalence of new psychoactive substances in Northeast Asia from 2007 to 2015. <i>Forensic Science International</i> , <b>2017</b> , 272, 1-9	2.6	15
70	Toxicology in international drug control-Prioritizing the most harmful, persistent and prevalent substances. <i>Forensic Science International</i> , <b>2017</b> , 274, 2-6	2.6	9
69	Overview of Forensic Toxicology, Yesterday, Today and in the Future. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 5429-5436	3.3	3
68	Debt Financing and Voluntary Adoption of the International Financial Reporting Standards: Evidence from Korean Unlisted Firms. <i>Emerging Markets Finance and Trade</i> , <b>2016</b> , 52, 39-51	3.5	4
67	Gas phase fragmentation mechanisms of protonated testosterone as revealed by chemical dynamics simulations. <i>International Journal of Mass Spectrometry</i> , <b>2016</b> , 407, 40-50	1.9	10
66	Illegal use patterns, side effects, and analytical methods of ketamine. <i>Forensic Science International</i> , <b>2016</b> , 268, 25-34	2.6	15
65	Comparison of illegal drug use pattern in Taiwan and Korea from 2006 to 2014. <i>Substance Abuse Treatment, Prevention, and Policy</i> , <b>2016</b> , 11, 34	3.4	35
64	Determination of glyphosate and its metabolite in emergency room in Korea. <i>Forensic Science International</i> , <b>2016</b> , 265, 41-6	2.6	16

63	Detection of drugs in 275 alcohol-positive blood samples of Korean drivers. <i>Forensic Science International</i> , <b>2016</b> , 265, 186-92	2.6	2
62	Trends of novel psychoactive substances (NPSs) and their fatal cases. <i>Forensic Toxicology</i> , <b>2016</b> , 34, 1-11	2.6	38
61	Degradation of Kidney and Psoas Muscle Proteins as Indicators of Post-Mortem Interval in a Rat Model, with Use of Lateral Flow Technology. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160557	3.7	13
60	Financial Disclosure Incentives and Organizational Form Changes. <i>Asia-Pacific Journal of Financial Studies</i> , <b>2016</b> , 45, 839-863	1.2	1
59	Patterns of drugs & poisons in southern area of South Korea in 2014. <i>Forensic Science International</i> , <b>2016</b> , 269, 50-55	2.6	4
58	Development of visual peak selection system based on multi-ISs normalization algorithm to apply to methamphetamine impurity profiling. <i>Forensic Science International</i> , <b>2016</b> , 268, 116-122	2.6	2
57	Spatial variability in hydrogen and oxygen isotopic composition of Korean Red Pine and its implication for tracing wood origin. <i>Environmental Earth Sciences</i> , <b>2015</b> , 73, 8045-8052	2.9	3
56	Synthetic cannabinoids abused in South Korea: drug identifications by the National Forensic Service from 2009 to June 2013. <i>Forensic Toxicology</i> , <b>2014</b> , 32, 82-88	2.6	53
55	Monitoring of urinary metabolites of JWH-018 and JWH-073 in legal cases. <i>Forensic Science International</i> , <b>2013</b> , 231, 13-9	2.6	43
54	Deaths from recreational use of propofol in Korea. <i>Forensic Science International</i> , <b>2013</b> , 233, 333-7	2.6	21
53	Development of an LC-MS/MS method for the simultaneous determination of 25 benzodiazepines and zolpidem in oral fluid and its application to authentic samples from regular drug users. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 74, 213-22	3.5	35
52	Simultaneous analysis of synthetic cannabinoids in the materials seized during drug trafficking using GC-MS. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 3937-44	4.4	52
51	Analysis of pharmaceutical impurities in the methamphetamine crystals seized for drug trafficking in Korea. <i>Forensic Science International</i> , <b>2013</b> , 227, 48-51	2.6	9
50	Identification of N-ethyl- $\beta$ -ethylphenethylamine in crystalline powder seized for suspected drug trafficking: a research chemical or a new designer drug?. <i>Forensic Toxicology</i> , <b>2013</b> , 31, 54-58	2.6	13
49	Genetic and chemical components analysis of <i>Papaver setigerum</i> naturalized in Korea. <i>Forensic Science International</i> , <b>2012</b> , 222, 387-93	2.6	11
48	Evaluation of postmortem redistribution phenomena for commonly encountered drugs. <i>Forensic Science International</i> , <b>2012</b> , 219, 265-71	2.6	63
47	Cross-examination of liquid-liquid extraction (LLE) and solid-phase microextraction (SPME) methods for impurity profiling of methamphetamine. <i>Forensic Science International</i> , <b>2012</b> , 215, 175-8	2.6	11
46	Simultaneous analysis of psychotropic phenylalkylamines in oral fluid by GC-MS with automated SPE and its application to legal cases. <i>Forensic Science International</i> , <b>2012</b> , 215, 81-7	2.6	23

45	Segmental hair analysis for 11-nor- $\Delta^9$ -tetrahydrocannabinol-9-carboxylic acid and the patterns of cannabis use. <i>Journal of Analytical Toxicology</i> , <b>2012</b> , 36, 195-200	2.9	26
44	Species identification of Papaver by metabolite profiling. <i>Forensic Science International</i> , <b>2011</b> , 211, 51-60.	2.6	23
43	A comparative study on the concentrations of 11-nor- $\Delta^9$ -tetrahydrocannabinol-9-carboxylic acid (THCCOOH) in head and pubic hair. <i>Forensic Science International</i> , <b>2011</b> , 212, 238-41	2.6	9
42	Simultaneous analysis of ( $\Delta^9$ )-tetrahydrocannabinol and 11-nor-9-carboxy-tetrahydrocannabinol in hair without different sample preparation and derivatization by gas chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2011</b> , 55, 1096-103	3.5	33
41	Establishment of the measurement uncertainty of 11-nor- $\Delta^9$ -tetrahydrocannabinol-9-carboxylic acid in hair. <i>Forensic Science International</i> , <b>2011</b> , 206, e85-92	2.6	11
40	Distribution of cyanide in heart blood, peripheral blood and gastric contents in 21 cyanide related fatalities. <i>Forensic Science International</i> , <b>2011</b> , 210, e12-5	2.6	15
39	Hair analysis and self-report of methamphetamine use by methamphetamine dependent individuals. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2011</b> , 879, 541-7	3.2	32
38	Validation of a simultaneous analytical method for the detection of 27 benzodiazepines and metabolites and zolpidem in hair using LC-MS/MS and its application to human and rat hair. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2011</b> , 879, 878-86	3.2	66
37	Feasibility of rat hair as a quality control material for the determination of methamphetamine and amphetamine in human hair. <i>Archives of Pharmacal Research</i> , <b>2011</b> , 34, 593-8	6.1	6
36	Thebaine in hair as a marker for chronic use of illegal opium poppy substances. <i>Forensic Science International</i> , <b>2011</b> , 204, 115-8	2.6	21
35	Analysis of pubic hair as an alternative specimen to scalp hair: a contamination issue. <i>Forensic Science International</i> , <b>2011</b> , 206, 19-21	2.6	20
34	Detection of phentermine in hair samples from drug suspects. <i>Forensic Science International</i> , <b>2011</b> , 207, e5-7	2.6	10
33	A study on the concentrations of 11-nor- $\Delta^9$ -tetrahydrocannabinol-9-carboxylic acid (THCCOOH) in hair root and whole hair. <i>Forensic Science International</i> , <b>2011</b> , 210, 201-5	2.6	14
32	Effects of repeated hair washing and a single hair dyeing on concentrations of methamphetamine and amphetamine in human hairs. <i>Forensic Science International</i> , <b>2011</b> , 206, 77-80	2.6	18
31	Determination of illegally abused sedative-hypnotics in hair samples from drug offenders. <i>Journal of Analytical Toxicology</i> , <b>2011</b> , 35, 312-5	2.9	20
30	Estimation of the measurement uncertainty by the bottom-up approach for the determination of methamphetamine and amphetamine in urine. <i>Journal of Analytical Toxicology</i> , <b>2010</b> , 34, 222-8	2.9	14
29	The dependence of the incorporation of methamphetamine into rat hair on dose, frequency of administration and hair pigmentation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2010</b> , 878, 2845-51	3.2	15
28	Homogeneity and stability of a candidate certified reference material for the determination of methamphetamine and amphetamine in hair. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 53, 1037-41	3.5	9

27	Simultaneous quantification of opiates and effect of pigmentation on its deposition in hair. <i>Archives of Pharmacal Research</i> , <b>2010</b> , 33, 1805-11	6.1	7
26	Automated toxicological screening reports of modified Agilent MSD Chemstation combined with Microsoft Visual Basic application programs. <i>Forensic Science International</i> , <b>2010</b> , 199, 50-7	2.6	6
25	Importance of sildenafil analysis for drug screening of postmortem specimens: demonstration of five autopsy cases involving sildenafil. <i>Forensic Toxicology</i> , <b>2009</b> , 27, 107-109	2.6	2
24	Estimation of the measurement uncertainty of methamphetamine and amphetamine in hair analysis. <i>Forensic Science International</i> , <b>2009</b> , 185, 59-66	2.6	19
23	Distribution of methamphetamine and amphetamine in drug abusers' head hair. <i>Forensic Science International</i> , <b>2009</b> , 190, 16-8	2.6	44
22	Analysis of cannabis in oral fluid specimens by GC-MS with automatic SPE. <i>Science and Justice - Journal of the Forensic Science Society</i> , <b>2009</b> , 49, 242-6	2	22
21	Development of a reference material using methamphetamine abusers' hair samples for the determination of methamphetamine and amphetamine in hair. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2008</b> , 865, 33-9	3.2	25
20	Preparation and application of a fortified hair reference material for the determination of methamphetamine and amphetamine. <i>Forensic Science International</i> , <b>2008</b> , 178, 207-12	2.6	18
19	Comparison of methamphetamine concentrations in oral fluid, urine and hair of twelve drug abusers using solid-phase extraction and GC-MS. <i>Toxicologie Analytique Et Clinique</i> , <b>2008</b> , 20, 145-153	0.4	7
18	Immunochemical analysis of hippuric acid in urine. <i>Journal of Analytical Toxicology</i> , <b>2007</b> , 31, 347-53	2.9	24
17	The study of metabolite-to-parent drug ratios of methamphetamine and methylenedioxymethamphetamine in hair. <i>Forensic Science International</i> , <b>2006</b> , 161, 124-9	2.6	36
16	Quantification of MDMA and MDA in abusers' hair samples by semi-micro column HPLC with fluorescence detection. <i>Biomedical Chromatography</i> , <b>2006</b> , 20, 622-7	1.7	18
15	Validation of the immunoassay microplate ELISA for the detection of methamphetamine in hair. <i>Journal of Analytical Toxicology</i> , <b>2006</b> , 30, 380-5	2.9	27
14	Simultaneous analysis of d-3-methoxy-17-methylmorphinan and l-3-methoxy-17-methylmorphinan by high pressure liquid chromatography equipped with PDA. <i>Forensic Science International</i> , <b>2006</b> , 161, 185-8	2.6	10
13	Simultaneous quantification of methamphetamine, cocaine, codeine, and metabolites in skin by positive chemical ionization gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2006</b> , 833, 210-8	3.2	18
12	Sensitive, rapid and validated gas chromatography/negative ion chemical ionization-mass spectrometry assay including derivatisation with a novel chiral agent for the enantioselective quantification of amphetamine-type stimulants in hair. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2006</b> , 833, 210-8	3.2	38
11	Simultaneous enantioselective determination of amphetamine and congeners in hair specimens by negative chemical ionization gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2005</b> , 825, 57-62	3.2	31
10	Correlation of methamphetamine results and concentrations between head, axillary, and pubic hair. <i>Forensic Science International</i> , <b>2005</b> , 147, 21-4	2.6	36

9	The prevalence of MDMA/MDA in both hair and urine in drug users. <i>Forensic Science International</i> , <b>2005</b> , 152, 73-7	2.6	17
8	Recent trends of drug abuse and drug-associated deaths in Korea. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1025, 458-64	6.5	39
7	PAP 9704, a Korean herbal medicine attenuates methamphetamine-induced hyperlocomotion via adenosine A2A receptor stimulation in mice. <i>Biological and Pharmaceutical Bulletin</i> , <b>2004</b> , 27, 906-9	2.3	11
6	A fatality due to injection of tiletamine and zolazepam. <i>Journal of Analytical Toxicology</i> , <b>2000</b> , 24, 305-8	2.9	24
5	Pessimism and pragmatism: agricultural trade liberalisation from the perspective of South Korean farmers. <i>Asia Pacific Viewpoint</i> , <b>1999</b> , 40, 271-284	1.4	3
4	Fatal zipeprol and dextromethorphan poisonings in Korea. <i>Journal of Analytical Toxicology</i> , <b>1996</b> , 20, 155-8	2.9	18
3	Postmortem distribution of zipeprol. <i>Journal of Analytical Toxicology</i> , <b>1994</b> , 18, 213-6	2.9	7
2	Determination of methamphetamine and its metabolite amphetamine in biological fluids from 11 fatal cases. <i>Archives of Pharmacal Research</i> , <b>1993</b> , 16, 175-179	6.1	1
1	Forensic Science in Korea 189-194		