

# Hugo M Neels

## List of Publications by Year in descending order

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230  
papers

16,597  
citations

9786

73  
h-index

18647

119  
g-index

238  
all docs

238  
docs citations

238  
times ranked

13809  
citing authors

#	ARTICLE	IF	CITATIONS
1	THE EFFECTS OF PSYCHOLOGICAL STRESS ON HUMANS: INCREASED PRODUCTION OF PRO-INFLAMMATORY CYTOKINES AND Th1-LIKE RESPONSE IN STRESS-INDUCED ANXIETY. <i>Cytokine</i> , 1998, 10, 313-318.	3.2	653
2	INCREASED SERUM IL-6 AND IL-1 RECEPTOR ANTAGONIST CONCENTRATIONS IN MAJOR DEPRESSION AND TREATMENT RESISTANT DEPRESSION. <i>Cytokine</i> , 1997, 9, 853-858.	3.2	648
3	Lowered $\omega$ 3 polyunsaturated fatty acids in serum phospholipids and cholesteryl esters of depressed patients. <i>Psychiatry Research</i> , 1999, 85, 275-291.	3.3	408
4	Analytical developments and preliminary assessment of human exposure to organophosphate flame retardants from indoor dust. <i>Environment International</i> , 2011, 37, 454-461.	10.0	382
5	Illicit drug consumption estimations derived from wastewater analysis: A critical review. <i>Science of the Total Environment</i> , 2011, 409, 3564-3577.	8.0	335
6	Occurrence of alternative flame retardants in indoor dust from New Zealand: Indoor sources and human exposure assessment. <i>Chemosphere</i> , 2012, 88, 1276-1282.	8.2	293
7	First insights in the metabolism of phosphate flame retardants and plasticizers using human liver fractions. <i>Toxicology Letters</i> , 2013, 223, 9-15.	0.8	273
8	Lower serum high-density lipoprotein cholesterol (HDL-C) in major depression and in depressed men with serious suicidal attempts: relationship with immune-inflammatory markers. <i>Acta Psychiatrica Scandinavica</i> , 1997, 95, 212-221.	4.5	270
9	Concentrations of brominated flame retardants in dust from United Kingdom cars, homes, and offices: Causes of variability and implications for human exposure. <i>Environment International</i> , 2008, 34, 1170-1175.	10.0	257
10	Erythropoietin response is blunted in critically ill patients. <i>Intensive Care Medicine</i> , 1997, 23, 159-162.	8.2	252
11	Recent developments in the analysis of brominated flame retardants and brominated natural compounds. <i>Journal of Chromatography A</i> , 2007, 1153, 145-171.	3.7	246
12	Distribution of bisphenol-A, triclosan and n-nonylphenol in human adipose tissue, liver and brain. <i>Chemosphere</i> , 2012, 87, 796-802.	8.2	246
13	Lower serum vitamin E concentrations in major depression. <i>Journal of Affective Disorders</i> , 2000, 58, 241-246.	4.1	238
14	Levels and profiles of organochlorines and flame retardants in car and house dust from Kuwait and Pakistan: Implication for human exposure via dust ingestion. <i>Environment International</i> , 2013, 55, 62-70.	10.0	222
15	Lower serum zinc in major depression is a sensitive marker of treatment resistance and of the immune/inflammatory response in that illness. <i>Biological Psychiatry</i> , 1997, 42, 349-358.	1.3	216
16	Age as a determinant of phosphate flame retardant exposure of the Australian population and identification of novel urinary PFR metabolites. <i>Environment International</i> , 2015, 74, 1-8.	10.0	211
17	Assessment of human exposure to Bisphenol-A, Triclosan and Tetrabromobisphenol-A through indoor dust intake in Belgium. <i>Chemosphere</i> , 2009, 76, 755-760.	8.2	210
18	Sewage epidemiology – A real-time approach to estimate the consumption of illicit drugs in Brussels, Belgium. <i>Environment International</i> , 2011, 37, 612-621.	10.0	210

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19	Comprehensive Study of Human External Exposure to Organophosphate Flame Retardants via Air, Dust, and Hand Wipes: The Importance of Sampling and Assessment Strategy. <i>Environmental Science &amp; Technology</i> , 2016, 50, 7752-7760.	10.0	200
20	Obesity and Persistent Organic Pollutants: Possible Obesogenic Effect of Organochlorine Pesticides and Polychlorinated Biphenyls. <i>Obesity</i> , 2011, 19, 709-714.	3.0	196
21	Novel brominated flame retardants in Belgian and UK indoor dust: Implications for human exposure. <i>Chemosphere</i> , 2011, 83, 1360-1365.	8.2	189
22	Analysis of cocaine and its principal metabolites in waste and surface water using solid-phase extraction and liquid chromatography-ion trap tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1309-1319.	3.7	188
23	Multi-residue method for the determination of brominated and organophosphate flame retardants in indoor dust. <i>Talanta</i> , 2012, 89, 292-300.	5.5	183
24	Prognostic value of gastric intramural pH in surgical intensive care patients. <i>Critical Care Medicine</i> , 1988, 16, 1222-1224.	0.9	164
25	Dietary PBDE intake: A market-basket study in Belgium. <i>Environment International</i> , 2007, 33, 93-97.	10.0	163
26	Exposure to Hexabromocyclododecanes (HBCDs) via Dust Ingestion, but Not Diet, Correlates with Concentrations in Human Serum: Preliminary Results. <i>Environmental Health Perspectives</i> , 2009, 117, 1707-1712.	6.0	159
27	Therapeutic drug monitoring of old and newer anti-epileptic drugs. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004, 42, 1228-55.	2.3	147
28	Analysis of organophosphate flame retardant diester metabolites in human urine by liquid chromatography electrospray ionisation tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1303, 48-53.	3.7	135
29	Polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) in human liver and adipose tissue samples from Belgium. <i>Chemosphere</i> , 2008, 73, 170-175.	8.2	134
30	Intake of bisphenol A from canned beverages and foods on the Belgian market. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2010, 27, 1627-1637.	2.3	132
31	Country specific comparison for profile of chlorinated, brominated and phosphate organic contaminants in indoor dust. Case study for Eastern Romania, 2010. <i>Environment International</i> , 2012, 49, 1-8.	10.0	131
32	Spatial and temporal variations in the occurrence of cocaine and benzoylecgonine in waste- and surface water from Belgium and removal during wastewater treatment. <i>Water Research</i> , 2009, 43, 1341-1349.	11.3	128
33	Cocaine and metabolites in waste and surface water across Belgium. <i>Environmental Pollution</i> , 2009, 157, 123-129.	7.5	127
34	Lower serum zinc in major depression in relation to changes in serum acute phase proteins.. <i>Journal of Affective Disorders</i> , 1999, 56, 189-194.	4.1	120
35	Hair ethyl glucuronide levels as a marker for alcohol use and abuse: A review of the current state of the art. <i>Drug and Alcohol Dependence</i> , 2014, 134, 1-11.	3.2	120
36	Levels of bisphenol-A in thermal paper receipts from Belgium and estimation of human exposure. <i>Science of the Total Environment</i> , 2012, 435-436, 30-33.	8.0	119

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37	Can cocaine use be evaluated through analysis of wastewater? A nation-wide approach conducted in Belgium. <i>Addiction</i> , 2009, 104, 734-741.	3.3	117
38	The Effects of Psychological Stress on Leukocyte Subset Distribution in Humans: Evidence of Immune Activation. <i>Neuropsychobiology</i> , 1999, 39, 1-9.	1.9	115
39	Evaluation of total lipids using enzymatic methods for the normalization of persistent organic pollutant levels in serum. <i>Science of the Total Environment</i> , 2006, 366, 361-366.	8.0	110
40	Assessment of human exposure to indoor organic contaminants via dust ingestion in Pakistan. <i>Indoor Air</i> , 2012, 22, 200-211.	4.3	109
41	Downsides of the recycling process: Harmful organic chemicals in children's toys. <i>Environment International</i> , 2014, 65, 54-62.	10.0	108
42	Simultaneous determination of bisphenol A, triclosan, and tetrabromobisphenol A in human serum using solid-phase extraction and gas chromatography-electron capture negative-ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1175-1181.	3.7	106
43	Biomagnification of PBDEs in Three Small Terrestrial Food Chains. <i>Environmental Science &amp; Technology</i> , 2007, 41, 411-416.	10.0	105
44	Analysis of drugs of abuse in wastewater by hydrophilic interaction liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 819-828.	3.7	105
45	In humans, serum polyunsaturated fatty acid levels predict the response of proinflammatory cytokines to psychologic stress. <i>Biological Psychiatry</i> , 2000, 47, 910-920.	1.3	104
46	The stability of illicit drugs and metabolites in wastewater, an important issue for sewage epidemiology?. <i>Journal of Hazardous Materials</i> , 2012, 239-240, 19-23.	12.4	101
47	Inflammatory markers in younger vs elderly normal volunteers and in patients with Alzheimer's disease. <i>Journal of Psychiatric Research</i> , 1999, 33, 397-405.	3.1	99
48	Anthropogenic and naturally-produced organobrominated compounds in marine mammals from Brazil. <i>Environment International</i> , 2010, 36, 60-67.	10.0	98
49	Seasonal variation in peripheral blood leukocyte subsets and in serum interleukin-6, and soluble interleukin-2 and-6 receptor concentrations in normal volunteers. <i>Experientia</i> , 1994, 50, 821-829.	1.2	93
50	Concentrations of synthetic musk compounds in personal care and sanitation products and human exposure profiles through dermal application. <i>Chemosphere</i> , 2007, 69, 1540-1547.	8.2	91
51	Organohalogenated pollutants in human serum from lassy, Romania and their relation with age and gender. <i>Environment International</i> , 2006, 32, 797-803.	10.0	90
52	Optimization and validation of a hydrophilic interaction liquid chromatography-tandem mass spectrometry method for the determination of 13 top-prescribed pharmaceuticals in influent wastewater. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2211-2222.	3.7	90
53	Inter-species differences for polychlorinated biphenyls and polybrominated diphenyl ethers in marine top predators from the Southern North Sea: Part 1. Accumulation patterns in harbour seals and harbour porpoises. <i>Environmental Pollution</i> , 2009, 157, 437-444.	7.5	88
54	Therapeutic Drug Monitoring of Common Antipsychotics. <i>Therapeutic Drug Monitoring</i> , 2012, 34, 629-651.	2.0	88

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55	The immune-inflammatory pathophysiology of fibromyalgia: increased serum soluble gp130, the common signal transducer protein of various neurotrophic cytokines. <i>Psychoneuroendocrinology</i> , 1999, 24, 371-383.	2.7	87
56	Sewage-based epidemiology in monitoring the use of new psychoactive substances: Validation and application of an analytical method using LC-MS/MS. <i>Drug Testing and Analysis</i> , 2015, 7, 812-818.	2.6	87
57	Assay of Procarboxypeptidase U, a Novel Determinant of the Fibrinolytic Cascade, in Human Plasma. <i>Clinical Chemistry</i> , 1999, 45, 807-813.	3.2	84
58	The Haptoglobin 2-2 Phenotype Affects Serum Markers of Iron Status in Healthy Males. <i>Clinical Chemistry</i> , 2000, 46, 1619-1625.	3.2	84
59	Brominated flame retardants and polychlorinated biphenyls in fish from the river Scheldt, Belgium. <i>Environment International</i> , 2008, 34, 976-983.	10.0	84
60	Organohalogenated contaminants (OHCs) in the serum and hair of pet cats and dogs: Biosentinels of indoor pollution. <i>Science of the Total Environment</i> , 2013, 449, 29-36.	8.0	84
61	Comparative evaluation of liquid chromatography-mass spectrometry versus gas chromatography-mass spectrometry for the determination of hexabromocyclododecanes and their degradation products in indoor dust. <i>Journal of Chromatography A</i> , 2008, 1190, 333-341.	3.7	83
62	Relevant Issues in the Monitoring and the Toxicology of Antidepressants. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2008, 45, 25-89.	6.1	82
63	Haptoglobin polymorphism, a genetic risk factor in coronary artery bypass surgery. <i>Atherosclerosis</i> , 1997, 132, 215-219.	0.8	80
64	Comparison of electron and chemical ionization modes by validation of a quantitative gas chromatographic-mass spectrometric assay of new generation antidepressants and their active metabolites in plasma. <i>Journal of Chromatography A</i> , 2007, 1176, 236-245.	3.7	80
65	Human exposure pathways to organophosphate flame retardants: Associations between human biomonitoring and external exposure. <i>Environment International</i> , 2019, 127, 462-472.	10.0	80
66	Brominated flame retardants in Belgian home-produced eggs: Levels and contamination sources. <i>Science of the Total Environment</i> , 2009, 407, 4387-4396.	8.0	79
67	Sensitive and selective method for the determination of bisphenol-A and triclosan in serum and urine as pentafluorobenzoate-derivatives using GC-ECNI/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 4042-4046.	2.3	79
68	Factors Influencing Concentrations of Polybrominated Diphenyl Ethers (PBDEs) in Students from Antwerp, Belgium. <i>Environmental Science &amp; Technology</i> , 2009, 43, 3535-3541.	10.0	79
69	In vitro biotransformation of tris(2-butoxyethyl) phosphate (TBOEP) in human liver and serum. <i>Toxicology and Applied Pharmacology</i> , 2015, 284, 246-253.	2.8	78
70	Multi-contaminant analysis of organophosphate and halogenated flame retardants in food matrices using ultrasonication and vacuum assisted extraction, multi-stage cleanup and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1401, 33-41.	3.7	78
71	Organochlorine contaminants in hair of adolescents from Iassy, Romania. <i>Chemosphere</i> , 2008, 72, 16-20.	8.2	77
72	Influence of psychological stress on immune-inflammatory variables in normal humans. Part II. Altered serum concentrations of natural anti-inflammatory agents and soluble membrane antigens of monocytes and T lymphocytes. <i>Psychiatry Research</i> , 1999, 85, 293-303.	3.3	76

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73	Anthropogenic and Naturally Occurring Organobrominated Compounds in Two Deep-Sea Fish Species from the Mediterranean Sea. <i>Environmental Science &amp; Technology</i> , 2008, 42, 8654-8660.	10.0	75
74	Distribution of angiotensin converting enzyme in human tissues. <i>Clinica Chimica Acta</i> , 1985, 147, 255-260.	1.1	74
75	Alterations in iron metabolism and the erythron in major depression: Further evidence for a chronic inflammatory process. <i>Journal of Affective Disorders</i> , 1996, 40, 23-33.	4.1	74
76	Analytical characteristics and determination of major novel brominated flame retardants (NBFRs) in indoor dust. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 3073-3083.	3.7	74
77	Distribution of persistent organic pollutants in two different fat compartments from obese individuals. <i>Environment International</i> , 2013, 55, 33-42.	10.0	74
78	Reference Intervals for a Complete Blood Count Determined on different Automated Haematology Analysers: Abx Pentra 120 Retic, Coulter Gen-S, Sysmex SE 9500, Abbott Cell Dyn 4000 and Bayer Advia 120. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002, 40, 69-73.	2.3	73
79	Organophosphorus flame retardants in the European eel in Flanders, Belgium: Occurrence, fate and human health risk. <i>Environmental Research</i> , 2015, 140, 604-610.	7.5	73
80	Preen oil as the main source of external contamination with organic pollutants onto feathers of the common magpie ( <i>Pica pica</i> ). <i>Environment International</i> , 2008, 34, 741-748.	10.0	72
81	Biomagnification of anthropogenic and naturally-produced organobrominated compounds in a marine food web from Sydney Harbour, Australia. <i>Environment International</i> , 2009, 35, 1142-1149.	10.0	72
82	Assessment of dietary exposure to organohalogen contaminants, legacy and emerging flame retardants in a Norwegian cohort. <i>Environment International</i> , 2017, 102, 236-243.	10.0	72
83	Renin-angiotensin-aldosterone system in the healthy infant and child. <i>Kidney International</i> , 1979, 16, 196-203.	5.2	71
84	Total serum protein and serum protein fractions in depression: relationships to depressive symptoms and glucocorticoid activity. <i>Journal of Affective Disorders</i> , 1995, 34, 61-69.	4.1	71
85	Distribution of PCBs, Their Hydroxylated Metabolites, and Other Phenolic Contaminants in Human Serum from Two European Countries. <i>Environmental Science &amp; Technology</i> , 2010, 44, 2876-2883.	10.0	71
86	Phthalate metabolites in obese individuals undergoing weight loss: Urinary levels and estimation of the phthalates daily intake. <i>Environment International</i> , 2013, 59, 344-353.	10.0	70
87	Effects of psychological stress on serum immunoglobulin, complement and acute phase protein concentrations in normal volunteers. <i>Psychoneuroendocrinology</i> , 1997, 22, 397-409.	2.7	69
88	Exposure of the Flemish population to brominated flame retardants: Model and risk assessment. <i>Environment International</i> , 2010, 36, 368-376.	10.0	69
89	Serotonin-immune interactions in major depression: lower serum tryptophan as a marker of an immune-inflammatory response. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 1997, 247, 154-161.	3.2	68
90	Polychlorinated biphenyl and organochlorine pesticide contamination signatures in deep-sea fish from the Mediterranean Sea. <i>Environmental Research</i> , 2009, 109, 851-856.	7.5	68

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91	Concentrations of chlorinated and brominated contaminants and their metabolites in serum of harbour seals and harbour porpoises. <i>Environment International</i> , 2009, 35, 842-850.	10.0	67
92	In vitro Phase I and Phase II metabolism of $\pm$ -pyrrolidinovalerophenone ( $\pm$ -PVP), methylenedioxypropylvalerone (MDPV) and methedrone by human liver microsomes and human liver cytosol. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5803-5816.	3.7	67
93	Lower Serum L-Tryptophan Availability in Depression as a Marker of a More Generalized Disorder in Protein Metabolism. <i>Neuropsychopharmacology</i> , 1996, 15, 243-251.	5.4	65
94	The Belgian PCB/dioxin crisisâ€”8 years later. <i>Environmental Toxicology and Pharmacology</i> , 2008, 25, 164-170.	4.0	65
95	High throughput identification and quantification of 16 antipsychotics and 8 major metabolites in serum using ultra-high performance liquid chromatographyâ€”tandem mass spectrometry. <i>Clinica Chimica Acta</i> , 2014, 429, 51-58.	1.1	65
96	Spatial and temporal trends in alcohol consumption in Belgian cities: A wastewater-based approach. <i>Drug and Alcohol Dependence</i> , 2016, 160, 170-176.	3.2	65
97	Optimization, validation, and the application of liquid chromatographyâ€”tandem mass spectrometry for the analysis of new drugs of abuse in wastewater. <i>Drug Testing and Analysis</i> , 2014, 6, 861-867.	2.6	64
98	Kinetics of tris (1-chloro-2-propyl) phosphate (TCIPP) metabolism in human liver microsomes and serum. <i>Chemosphere</i> , 2016, 144, 1299-1305.	8.2	64
99	Penguin colonies as secondary sources of contamination with persistent organic pollutants. <i>Journal of Environmental Monitoring</i> , 2007, 9, 822.	2.1	62
100	Serum creatine, creatinine, and other guanidino compounds in patients with thyroid dysfunction. <i>Metabolism: Clinical and Experimental</i> , 1997, 46, 1063-1067.	3.4	61
101	Peripheral Markers of Serotonergic and Noradrenergic Function in Post-Pubertal, Caucasian Males with Autistic Disorder. <i>Neuropsychopharmacology</i> , 2000, 22, 275-283.	5.4	61
102	<i>In vitro</i> and <i>in vivo</i> human metabolism of the synthetic cannabinoid ABâ€”CHMINACA. <i>Drug Testing and Analysis</i> , 2015, 7, 866-876.	2.6	61
103	Biomagnification of naturally-produced methoxylated polybrominated diphenyl ethers (MeO-PBDEs) in harbour seals and harbour porpoises from the Southern North Sea. <i>Environment International</i> , 2009, 35, 893-899.	10.0	59
104	Biochemical, metabolic and immune correlates of seasonal variation in violent suicide: a chronoepidemiologic study. <i>European Psychiatry</i> , 1996, 11, 21-33.	0.2	58
105	Reference Values for Plasma Dipeptidyl Peptidase IV Activity and Their Association with Other Laboratory Parameters. <i>Clinical Chemistry and Laboratory Medicine</i> , 2001, 39, 155-9.	2.3	57
106	Components of biological, including seasonal, variation in hematological measurements and plasma fibrinogen concentrations in normal humans. <i>Experientia</i> , 1995, 51, 141-149.	1.2	56
107	Nail analysis for the detection of drugs of abuse and pharmaceuticals: a review. <i>Forensic Toxicology</i> , 2015, 33, 12-36.	2.4	55
108	Determination of Carbohydrate-deficient Transferrin Using Capillary Zone Electrophoresis. <i>Clinical Chemistry</i> , 2001, 47, 247-255.	3.2	54

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109	Levels and profile of several classes of organic contaminants in matched indoor dust and serum samples from occupational settings of Pakistan. <i>Environmental Pollution</i> , 2014, 193, 269-276.	7.5	53
110	A one year investigation of the occurrence of illicit drugs in wastewater from Brussels, Belgium. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1008.	2.1	52
111	Spatial variations in the levels and isomeric patterns of PBDEs and HBCDs in the European eel in Flanders. <i>Environment International</i> , 2010, 36, 415-423.	10.0	51
112	Effects of Trazodone and Fluoxetine in the Treatment of Major Depression. <i>Journal of Clinical Psychopharmacology</i> , 1997, 17, 358-364.	1.4	51
113	Dietary PCB intake in Belgium. <i>Environmental Toxicology and Pharmacology</i> , 2008, 25, 179-182.	4.0	50
114	Maternal transfer of organochlorines and brominated flame retardants in blue tits ( <i>Cyanistes</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	10.0	50
115	An exposure study with polybrominated diphenyl ethers (PBDEs) in female European starlings ( <i>Sturnus</i> ) Tj ETQq1 1,0,784314 rgBT /Ove	7.5	50
116	Does Biotransformation of Aryl Phosphate Flame Retardants in Blood Cast a New Perspective on Their Debated Biomarkers?. <i>Environmental Science &amp; Technology</i> , 2016, 50, 12439-12445.	10.0	50
117	Lower total serum protein, albumin, and beta- and gamma-globulin in major and treatment-resistant depression: Effects of antidepressant treatments. <i>Psychiatry Research</i> , 1996, 65, 159-169.	3.3	49
118	Lower serum dipeptidyl peptidase IV activity in treatment resistant major depression: Relationships with immune-inflammatory markers. <i>Psychoneuroendocrinology</i> , 1997, 22, 65-78.	2.7	49
119	Influence of academic examination stress on hematological measurements in subjectively healthy volunteers. <i>Psychiatry Research</i> , 1998, 80, 201-212.	3.3	49
120	Ethyl glucuronide determination in meconium and hair by hydrophilic interaction liquid chromatography-tandem mass spectrometry. <i>Forensic Science International</i> , 2010, 196, 121-127.	2.2	49
121	Simultaneous determination of 15 top-prescribed pharmaceuticals and their metabolites in influent wastewater by reversed-phase liquid chromatography coupled to tandem mass spectrometry. <i>Talanta</i> , 2011, 83, 795-803.	5.5	49
122	Dried blood spot punches for confirmation of suspected $\beta$ -hydroxybutyric acid intoxications: validation of an optimized GC-MS procedure. <i>Bioanalysis</i> , 2011, 3, 2271-2281.	1.5	47
123	Dynamics of Organohalogenated Contaminants in Human Serum from Obese Individuals during One Year of Weight Loss Treatment. <i>Environmental Science &amp; Technology</i> , 2013, 47, 12441-12449.	10.0	47
124	Direct evidence for the contractile capacity of endothelial cells. <i>Thrombosis Research</i> , 1981, 23, 505-520.	1.7	45
125	Anthropogenic and Naturally Occurring Organobrominated Compounds in Fish Oil Dietary Supplements. <i>Environmental Science &amp; Technology</i> , 2007, 41, 5237-5244.	10.0	45
126	Organohalogenated contaminants (OHCs) in human serum of mothers and children from Pakistan with urban and rural residential settings. <i>Science of the Total Environment</i> , 2013, 461-462, 655-662.	8.0	45



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127	Advances in detection of antipsychotics in biological matrices. <i>Clinica Chimica Acta</i> , 2015, 441, 11-22.	1.1	45
128	Components of biological variation in serum soluble transferrin receptor: relationships to serum iron, transferrin and ferritin concentrations, and immune and haematological variables. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1997, 57, 31-41.	1.2	44
129	Do concentrations of pharmaceuticals in sewage reflect prescription figures?. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9110-9118.	5.3	42
130	Fast analysis of decabrominated diphenyl ether using low-pressure gas chromatography-electron-capture negative ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1186, 295-301.	3.7	41
131	Assessment of persistent brominated and chlorinated organic contaminants in the European eel ( <i>Anguilla anguilla</i> ) in Flanders, Belgium: Levels, profiles and health risk. <i>Science of the Total Environment</i> , 2014, 482-483, 222-233.	8.0	39
132	The use of dried blood spots for quantification of 15 antipsychotics and 7 metabolites with ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2015, 7, 502-511.	2.6	39
133	Variation, levels and profiles of organochlorines and brominated flame retardants in great tit ( <i>Parus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlo International, 2008, 34, 155-161.	10.0	38
134	Hair ethyl glucuronide as a biomarker of alcohol consumption in alcohol-dependent patients: Role of gender differences. <i>Drug and Alcohol Dependence</i> , 2014, 141, 163-166.	3.2	38
135	What can we learn from monitoring PCBs in the European eel? A Belgian experience. <i>Environment International</i> , 2011, 37, 354-364.	10.0	35
136	Inter-species differences for polychlorinated biphenyls and polybrominated diphenyl ethers in marine top predators from the Southern North Sea: Part 2. Biomagnification in harbour seals and harbour porpoises. <i>Environmental Pollution</i> , 2009, 157, 445-451.	7.5	34
137	Occurrence of anthropogenic and naturally-produced organohalogenated compounds in tissues of Black Sea harbour porpoises. <i>Marine Pollution Bulletin</i> , 2010, 60, 725-731.	5.0	34
138	Analysis of $\delta^3$ -hydroxybutyric acid, DL-lactic acid, glycolic acid, ethylene glycol and other glycols in body fluids by a direct injection gas chromatography-mass spectrometry assay for wide use. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004, 42, 1341-5.	2.3	32
139	Biotransformation of three phosphate flame retardants and plasticizers in primary human hepatocytes: untargeted metabolite screening and quantitative assessment. <i>Journal of Applied Toxicology</i> , 2016, 36, 1401-1408.	2.8	32
140	Predatory Bird Species Show Different Patterns of Hydroxylated Polychlorinated Biphenyls (HO-PCBs) and Polychlorinated Biphenyls (PCBs). <i>Environmental Science &amp; Technology</i> , 2008, 42, 3465-3471.	10.0	31
141	Metabolomics analysis of the toxicity pathways of triphenyl phosphate in HepaRG cells and comparison to oxidative stress mechanisms caused by acetaminophen. <i>Toxicology in Vitro</i> , 2015, 29, 2045-2054.	2.4	31
142	Influence of repeated permanent coloring and bleaching on ethyl glucuronide concentrations in hair from alcohol-dependent patients. <i>Forensic Science International</i> , 2015, 247, 18-22.	2.2	31
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