

Hugo M Neels

List of Publications by Year in descending order

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230
papers

16,597
citations

9775

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18633

119
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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. | 1.4 | 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. | 1.4 | 648 |
| 3 | Lowered ω 3 polyunsaturated fatty acids in serum phospholipids and cholesteryl esters of depressed patients. <i>Psychiatry Research</i> , 1999, 85, 275-291. | 1.7 | 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. | 4.8 | 382 |
| 5 | Illicit drug consumption estimations derived from wastewater analysis: A critical review. <i>Science of the Total Environment</i> , 2011, 409, 3564-3577. | 3.9 | 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. | 4.2 | 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. | 0.4 | 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. | 2.2 | 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. | 4.8 | 257 |
| 10 | Erythropoietin response is blunted in critically ill patients. <i>Intensive Care Medicine</i> , 1997, 23, 159-162. | 3.9 | 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. | 1.8 | 246 |
| 12 | Distribution of bisphenol-A, triclosan and n-nonylphenol in human adipose tissue, liver and brain. <i>Chemosphere</i> , 2012, 87, 796-802. | 4.2 | 246 |
| 13 | Lower serum vitamin E concentrations in major depression. <i>Journal of Affective Disorders</i> , 2000, 58, 241-246. | 2.0 | 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. | 4.8 | 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. | 0.7 | 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. | 4.8 | 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. | 4.2 | 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. | 4.8 | 210 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 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 & Technology</i> , 2016, 50, 7752-7760. | 4.6 | 200 |
| 20 | Obesity and Persistent Organic Pollutants: Possible Obesogenic Effect of Organochlorine Pesticides and Polychlorinated Biphenyls. <i>Obesity</i> , 2011, 19, 709-714. | 1.5 | 196 |
| 21 | Novel brominated flame retardants in Belgian and UK indoor dust: Implications for human exposure. <i>Chemosphere</i> , 2011, 83, 1360-1365. | 4.2 | 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. | 1.9 | 188 |
| 23 | Multi-residue method for the determination of brominated and organophosphate flame retardants in indoor dust. <i>Talanta</i> , 2012, 89, 292-300. | 2.9 | 183 |
| 24 | Prognostic value of gastric intramural pH in surgical intensive care patients. <i>Critical Care Medicine</i> , 1988, 16, 1222-1224. | 0.4 | 164 |
| 25 | Dietary PBDE intake: A market-basket study in Belgium. <i>Environment International</i> , 2007, 33, 93-97. | 4.8 | 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. | 2.8 | 159 |
| 27 | Therapeutic drug monitoring of old and newer anti-epileptic drugs. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004, 42, 1228-55. | 1.4 | 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. | 1.8 | 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. | 4.2 | 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. | 1.1 | 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. | 4.8 | 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. | 5.3 | 128 |
| 33 | Cocaine and metabolites in waste and surface water across Belgium. <i>Environmental Pollution</i> , 2009, 157, 123-129. | 3.7 | 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. | 2.0 | 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. | 1.6 | 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. | 3.9 | 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. | 1.7 | 117 |
| 38 | The Effects of Psychological Stress on Leukocyte Subset Distribution in Humans: Evidence of Immune Activation. <i>Neuropsychobiology</i> , 1999, 39, 1-9. | 0.9 | 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. | 3.9 | 110 |
| 40 | Assessment of human exposure to indoor organic contaminants via dust ingestion in Pakistan. <i>Indoor Air</i> , 2012, 22, 200-211. | 2.0 | 109 |
| 41 | Downsides of the recycling process: Harmful organic chemicals in children's toys. <i>Environment International</i> , 2014, 65, 54-62. | 4.8 | 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. | 1.9 | 106 |
| 43 | Biomagnification of PBDEs in Three Small Terrestrial Food Chains. <i>Environmental Science & Technology</i> , 2007, 41, 411-416. | 4.6 | 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. | 1.9 | 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. | 0.7 | 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. | 6.5 | 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. | 1.5 | 99 |
| 48 | Anthropogenic and naturally-produced organobrominated compounds in marine mammals from Brazil. <i>Environment International</i> , 2010, 36, 60-67. | 4.8 | 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. | 4.2 | 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. | 4.8 | 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. | 1.9 | 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. | 3.7 | 88 |
| 54 | Therapeutic Drug Monitoring of Common Antipsychotics. <i>Therapeutic Drug Monitoring</i> , 2012, 34, 629-651. | 1.0 | 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. | 1.3 | 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. | 1.6 | 87 |
| 57 | Assay of Procarboxypeptidase U, a Novel Determinant of the Fibrinolytic Cascade, in Human Plasma. <i>Clinical Chemistry</i> , 1999, 45, 807-813. | 1.5 | 84 |
| 58 | The Haptoglobin 2-2 Phenotype Affects Serum Markers of Iron Status in Healthy Males. <i>Clinical Chemistry</i> , 2000, 46, 1619-1625. | 1.5 | 84 |
| 59 | Brominated flame retardants and polychlorinated biphenyls in fish from the river Scheldt, Belgium. <i>Environment International</i> , 2008, 34, 976-983. | 4.8 | 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. | 3.9 | 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. | 1.8 | 83 |
| 62 | Relevant Issues in the Monitoring and the Toxicology of Antidepressants. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2008, 45, 25-89. | 2.7 | 82 |
| 63 | Haptoglobin polymorphism, a genetic risk factor in coronary artery bypass surgery. <i>Atherosclerosis</i> , 1997, 132, 215-219. | 0.4 | 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. | 1.8 | 80 |
| 65 | Human exposure pathways to organophosphate flame retardants: Associations between human biomonitoring and external exposure. <i>Environment International</i> , 2019, 127, 462-472. | 4.8 | 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. | 3.9 | 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. | 1.2 | 79 |
| 68 | Factors Influencing Concentrations of Polybrominated Diphenyl Ethers (PBDEs) in Students from Antwerp, Belgium. <i>Environmental Science & Technology</i> , 2009, 43, 3535-3541. | 4.6 | 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. | 1.3 | 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. | 1.8 | 78 |
| 71 | Organochlorine contaminants in hair of adolescents from Iassy, Romania. <i>Chemosphere</i> , 2008, 72, 16-20. | 4.2 | 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. | 1.7 | 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 & Technology</i> , 2008, 42, 8654-8660. | 4.6 | 75 |
| 74 | Distribution of angiotensin converting enzyme in human tissues. <i>Clinica Chimica Acta</i> , 1985, 147, 255-260. | 0.5 | 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. | 2.0 | 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. | 1.9 | 74 |
| 77 | Distribution of persistent organic pollutants in two different fat compartments from obese individuals. <i>Environment International</i> , 2013, 55, 33-42. | 4.8 | 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. | 1.4 | 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. | 3.7 | 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. | 4.8 | 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. | 4.8 | 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. | 4.8 | 72 |
| 83 | Renin-angiotensin-aldosterone system in the healthy infant and child. <i>Kidney International</i> , 1979, 16, 196-203. | 2.6 | 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. | 2.0 | 71 |
| 85 | Distribution of PCBs, Their Hydroxylated Metabolites, and Other Phenolic Contaminants in Human Serum from Two European Countries. <i>Environmental Science & Technology</i> , 2010, 44, 2876-2883. | 4.6 | 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. | 4.8 | 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. | 1.3 | 69 |
| 88 | Exposure of the Flemish population to brominated flame retardants: Model and risk assessment. <i>Environment International</i> , 2010, 36, 368-376. | 4.8 | 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. | 1.8 | 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. | 3.7 | 68 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 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. | 4.8 | 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. | 1.9 | 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. | 2.8 | 65 |
| 94 | The Belgian PCB/dioxin crisisâ€”8 years later. <i>Environmental Toxicology and Pharmacology</i> , 2008, 25, 164-170. | 2.0 | 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. | 0.5 | 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. | 1.6 | 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. | 1.6 | 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. | 4.2 | 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. | 1.5 | 61 |
| 101 | Peripheral Markers of Serotonergic and Noradrenergic Function in Post-Pubertal, Caucasian Males with Autistic Disorder. <i>Neuropsychopharmacology</i> , 2000, 22, 275-283. | 2.8 | 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. | 1.6 | 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. | 4.8 | 59 |
| 104 | Biochemical, metabolic and immune correlates of seasonal variation in violent suicide: a chronoepidemiologic study. <i>European Psychiatry</i> , 1996, 11, 21-33. | 0.1 | 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. | 1.4 | 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. | 1.4 | 55 |
| 108 | Determination of Carbohydrate-deficient Transferrin Using Capillary Zone Electrophoresis. <i>Clinical Chemistry</i> , 2001, 47, 247-255. | 1.5 | 54 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 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. | 3.7 | 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. | 4.8 | 51 |
| 112 | Effects of Trazodone and Fluoxetine in the Treatment of Major Depression. <i>Journal of Clinical Psychopharmacology</i> , 1997, 17, 358-364. | 0.7 | 51 |
| 113 | Dietary PCB intake in Belgium. <i>Environmental Toxicology and Pharmacology</i> , 2008, 25, 179-182. | 2.0 | 50 |
| 114 | Maternal transfer of organochlorines and brominated flame retardants in blue tits (<i>Cyanistes</i>) Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 542 | 4.8 | 50 |
| 115 | An exposure study with polybrominated diphenyl ethers (PBDEs) in female European starlings (<i>Sturnus</i>) Tj ETQq1 1,0,784314 rgBT /Oe | 3.7 | 50 |
| 116 | Does Biotransformation of Aryl Phosphate Flame Retardants in Blood Cast a New Perspective on Their Debated Biomarkers?. <i>Environmental Science & Technology</i> , 2016, 50, 12439-12445. | 4.6 | 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. | 1.7 | 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. | 1.3 | 49 |
| 119 | Influence of academic examination stress on hematological measurements in subjectively healthy volunteers. <i>Psychiatry Research</i> , 1998, 80, 201-212. | 1.7 | 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. | 1.3 | 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. | 2.9 | 49 |
| 122 | Dried blood spot punches for confirmation of suspected β -hydroxybutyric acid intoxications: validation of an optimized GC-MS procedure. <i>Bioanalysis</i> , 2011, 3, 2271-2281. | 0.6 | 47 |
| 123 | Dynamics of Organohalogenated Contaminants in Human Serum from Obese Individuals during One Year of Weight Loss Treatment. <i>Environmental Science & Technology</i> , 2013, 47, 12441-12449. | 4.6 | 47 |
| 124 | Direct evidence for the contractile capacity of endothelial cells. <i>Thrombosis Research</i> , 1981, 23, 505-520. | 0.8 | 45 |
| 125 | Anthropogenic and Naturally Occurring Organobrominated Compounds in Fish Oil Dietary Supplements. <i>Environmental Science & Technology</i> , 2007, 41, 5237-5244. | 4.6 | 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. | 3.9 | 45 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Advances in detection of antipsychotics in biological matrices. <i>Clinica Chimica Acta</i> , 2015, 441, 11-22. | 0.5 | 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. | 0.6 | 44 |
| 129 | Do concentrations of pharmaceuticals in sewage reflect prescription figures?. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9110-9118. | 2.7 | 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. | 1.8 | 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. | 3.9 | 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. | 1.6 | 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. | 4.8 | 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. | 1.6 | 38 |
| 135 | What can we learn from monitoring PCBs in the European eel? A Belgian experience. <i>Environment International</i> , 2011, 37, 354-364. | 4.8 | 35 |
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