

Jacob H De Boer

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224
papers

13,969
citations

60
h-index

110
g-index

236
ext. papers

15,236
ext. citations

7.9
avg, IF

6.79
L-index

#	Paper	IF	Citations
224	Phosphorus flame retardants: properties, production, environmental occurrence, toxicity and analysis. <i>Chemosphere</i> , 2012 , 88, 1119-53	8.4	1599
223	Levels and trends of brominated flame retardants in the European environment. <i>Chemosphere</i> , 2006 , 64, 187-208	8.4	641
222	Hexabromocyclododecanes (HBCDs) in the environment and humans: a review. <i>Environmental Science & Technology</i> , 2006 , 40, 3679-88	10.3	630
221	Distribution and fate of HBCD and TBBPA brominated flame retardants in North Sea estuaries and aquatic food webs. <i>Environmental Science & Technology</i> , 2004 , 38, 5497-504	10.3	460
220	An integrated assessment of estrogenic contamination and biological effects in the aquatic environment of The Netherlands. <i>Chemosphere</i> , 2005 , 59, 511-24	8.4	375
219	Determination of brominated flame retardants, with emphasis on polybrominated diphenyl ethers (PBDEs) in environmental and human samples--a review. <i>Environment International</i> , 2003 , 29, 735-56	12.9	348
218	A novel abbreviation standard for organobromine, organochlorine and organophosphorus flame retardants and some characteristics of the chemicals. <i>Environment International</i> , 2012 , 49, 57-82	12.9	316
217	Levels of polybrominated diphenyl ether (PBDE) flame retardants in animals representing different trophic levels of the North Sea food Web. <i>Environmental Science & Technology</i> , 2002 , 36, 4025-32	10.3	293
216	Do flame retardants threaten ocean life?. <i>Nature</i> , 1998 , 394, 28-9	50.4	277
215	Polybrominated diphenyl ethers in influents, suspended particulate matter, sediments, sewage treatment plant and effluents and biota from the Netherlands. <i>Environmental Pollution</i> , 2003 , 122, 63-74	9.3	265
214	Indoor contamination with hexabromocyclododecanes, polybrominated diphenyl ethers, and perfluoroalkyl compounds: an important exposure pathway for people?. <i>Environmental Science & Technology</i> , 2010 , 44, 3221-31	10.3	241
213	Chlorinated paraffins in the environment: A review on their production, fate, levels and trends between 2010 and 2015. <i>Chemosphere</i> , 2016 , 155, 415-428	8.4	187
212	A review of semi-volatile organic compounds (SVOCs) in the indoor environment: occurrence in consumer products, indoor air and dust. <i>Chemosphere</i> , 2018 , 201, 466-482	8.4	155
211	Distribution of organobrominated and organochlorinated contaminants in Belgian human adipose tissue. <i>Environmental Research</i> , 2002 , 88, 210-8	7.9	150
210	Liquid chromatography-tandem mass spectrometry method for the detection of marine lipophilic toxins under alkaline conditions. <i>Journal of Chromatography A</i> , 2009 , 1216, 1421-30	4.5	138
209	Extraction and clean-up strategies for the analysis of poly- and perfluoroalkyl substances in environmental and human matrices. <i>Journal of Chromatography A</i> , 2007 , 1153, 172-85	4.5	138
208	A Robust Thermal Modulator for Comprehensive Two-Dimensional Gas Chromatography. <i>Journal of High Resolution Chromatography</i> , 1999 , 22, 3-10		135

207	Method for the analysis of polybrominated diphenylethers in sediments and biota. <i>TrAC - Trends in Analytical Chemistry</i> , 2001 , 20, 591-599	14.6	134
206	Retention-time database of 126 polybrominated diphenyl ether congeners and two bromkal technical mixtures on seven capillary gas chromatographic columns. <i>Journal of Chromatography A</i> , 2005 , 1065, 239-49	4.5	129
205	Tracing organophosphorus and brominated flame retardants and plasticizers in an estuarine food web. <i>Science of the Total Environment</i> , 2015 , 505, 22-31	10.2	125
204	High-resolution separation of polychlorinated biphenyls by comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2002 , 958, 203-18	4.5	122
203	Organophosphorus flame retardants (PFRs) and plasticizers in house and car dust and the influence of electronic equipment. <i>Chemosphere</i> , 2014 , 116, 3-9	8.4	116
202	Levels of polybrominated diphenyl ether flame retardants in sediment cores from Western Europe. <i>Environmental Science & Technology</i> , 2003 , 37, 3803-7	10.3	112
201	Struggle for quality in determination of perfluorinated contaminants in environmental and human samples. <i>Environmental Science & Technology</i> , 2006 , 40, 7854-60	10.3	110
200	Chlorobiphenyls in bound and non-bound lipids of fishes; comparison of different extraction methods. <i>Chemosphere</i> , 1988 , 17, 1803-1810	8.4	109
199	Characterisation of fatty acids in biological oil samples using comprehensive multidimensional gas chromatography. <i>Journal of Chromatography A</i> , 2001 , 910, 95-103	4.5	106
198	Developments in the use of chromatographic techniques in marine laboratories for the determination of halogenated contaminants and polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 2003 , 1000, 223-51	4.5	105
197	Decreasing eel stocks: survival of the fattest?. <i>Ecology of Freshwater Fish</i> , 2009 , 18, 197-214	2.1	102
196	Halogenated contaminants in farmed salmon, trout, tilapia, pangasius, and shrimp. <i>Environmental Science & Technology</i> , 2009 , 43, 4009-15	10.3	101
195	Bisphenol A and replacements in thermal paper: A review. <i>Chemosphere</i> , 2017 , 182, 691-706	8.4	99
194	First world-wide interlaboratory study on polybrominated diphenylethers (PBDEs). <i>Chemosphere</i> , 2002 , 46, 625-33	8.4	96
193	Recent developments in capabilities for analysing chlorinated paraffins in environmental matrices: A review. <i>Chemosphere</i> , 2015 , 136, 259-72	8.4	95
192	Brominated flame retardants in fish and shellfish - levels and contribution of fish consumption to dietary exposure of Dutch citizens to HBCD. <i>Molecular Nutrition and Food Research</i> , 2008 , 52, 194-203	5.9	95
191	Advances in the gas chromatographic determination of persistent organic pollutants in the aquatic environment. <i>Journal of Chromatography A</i> , 2008 , 1186, 161-82	4.5	93
190	Organophosphorus flame-retardant and plasticizer analysis, including recommendations from the first worldwide interlaboratory study. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 43, 217-228	14.6	92

189	Marine toxins: chemistry, toxicity, occurrence and detection, with special reference to the Dutch situation. <i>Toxins</i> , 2010 , 2, 878-904	4.9	91
188	Non-ortho and mono-ortho substituted chlorobiphenyls and chlorinated dibenzo-p-dioxins and dibenzofurans in marine and freshwater fish and shellfish from The Netherlands. <i>Chemosphere</i> , 1993 , 26, 1823-1842	8.4	89
187	Determination of polybrominated diphenyl ethers and polychlorinated biphenyls in human adipose tissue by large-volume injection-narrow-bore capillary gas chromatography/electron impact low-resolution mass spectrometry. <i>Analytical Chemistry</i> , 2002 , 74, 790-8	7.8	88
186	Significant improvements in the analysis of perfluorinated compounds in water and fish: results from an interlaboratory method evaluation study. <i>Journal of Chromatography A</i> , 2009 , 1216, 401-9	4.5	86
185	Screening of lipophilic marine toxins in shellfish and algae: development of a library using liquid chromatography coupled to orbitrap mass spectrometry. <i>Analytica Chimica Acta</i> , 2011 , 685, 176-85	6.6	84
184	Dietary intake and risk evaluation of polybrominated diphenyl ethers in The Netherlands. <i>Molecular Nutrition and Food Research</i> , 2008 , 52, 204-16	5.9	82
183	Critical review of the analysis of non- and mono-ortho-chlorobiphenyls. <i>Journal of Chromatography A</i> , 1995 , 703, 417-465	4.5	80
182	Solid phase extraction for removal of matrix effects in lipophilic marine toxin analysis by liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 394, 1213-26	4.4	78
181	Pitfalls in the analysis of brominated flame retardants in environmental, human and food samples including results of three international interlaboratory studies. <i>TrAC - Trends in Analytical Chemistry</i> , 2006 , 25, 364-372	14.6	78
180	Presence of diphenyl phosphate and aryl-phosphate flame retardants in indoor dust from different microenvironments in Spain and the Netherlands and estimation of human exposure. <i>Environment International</i> , 2018 , 112, 59-67	12.9	71
179	Group separation of organohalogenated compounds by means of comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2005 , 1086, 29-44	4.5	71
178	Determination of the brominated flame retardant, hexabromocyclododecane, in sediments and biota by liquid chromatography-electrospray ionisation mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2006 , 25, 343-349	14.6	69
177	Effect-directed analysis to explore the polar bear exposome: identification of thyroid hormone disrupting compounds in plasma. <i>Environmental Science & Technology</i> , 2013 , 47, 8902-12	10.3	68
176	Characterization of polychlorinated n-alkanes using comprehensive two-dimensional gas chromatography--electron-capture negative ionisation time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2005 , 1086, 71-82	4.5	68
175	Accumulation of metals, polycyclic (halogenated) aromatic hydrocarbons, and biocides in zebra mussel and eel from the rhine and meuse rivers. <i>Environmental Toxicology and Chemistry</i> , 1998 , 17, 1885-1898	3.8	67
174	The PFOA substitute GenX detected in the environment near a fluoropolymer manufacturing plant in the Netherlands. <i>Chemosphere</i> , 2019 , 220, 493-500	8.4	67
173	Brominated flame retardants and endocrine disruption. <i>Pure and Applied Chemistry</i> , 2003 , 75, 2039-2046	2.1	66
172	Attempt to unravel the composition of toxaphene by comprehensive two-dimensional gas chromatography with selective detection. <i>Journal of Chromatography A</i> , 2003 , 994, 179-89	4.5	65

171	Organic contaminants and trace metals in flounder liver and sediment from the Amsterdam and Rotterdam harbours and off the Dutch coast. <i>Journal of Environmental Monitoring</i> , 2001 , 3, 386-93		64
170	Dust measurement of two organophosphorus flame retardants, resorcinol bis(diphenylphosphate) (RBDPP) and bisphenol A bis(diphenylphosphate) (BPA-BDPP), used as alternatives for BDE-209. <i>Environmental Science & Technology</i> , 2013 , 47, 14434-41	10.3	63
169	Thirty year monitoring of PCBs, organochlorine pesticides and tetrabromodiphenylether in eel from The Netherlands. <i>Environmental Pollution</i> , 2010 , 158, 1228-36	9.3	63
168	Determination of chlorobiphenyls in sediments by analytical methods. <i>TrAC - Trends in Analytical Chemistry</i> , 1997 , 16, 503-517	14.6	63
167	Contaminants of emerging concern in the Hartbeespoort Dam catchment and the uMngeni River estuary 2016 pollution incident, South Africa. <i>Science of the Total Environment</i> , 2018 , 627, 1008-1017	10.2	62
166	An 8-Year Study on the Elimination of PCBs and Other Organochlorine Compounds from Eel (<i>Anguilla anguilla</i>) under Natural Conditions. <i>Environmental Science & Technology</i> , 1994 , 28, 2242-8	10.3	62
165	Changes in Neurotransmitter Profiles during Early Zebrafish (<i>Danio rerio</i>) Development and after Pesticide Exposure. <i>Environmental Science & Technology</i> , 2016 , 50, 3222-30	10.3	61
164	In-house validation of a liquid chromatography tandem mass spectrometry method for the analysis of lipophilic marine toxins in shellfish using matrix-matched calibration. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 3079-88	4.4	60
163	Identification strategy for unknown pollutants using high-resolution mass spectrometry: androgen-disrupting compounds identified through effect-directed analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 3141-9	4.4	59
162	Identification of hydroxylated metabolites of hexabromocyclododecane in wildlife and 28-days exposed Wistar rats. <i>Environmental Science & Technology</i> , 2009 , 43, 6058-63	10.3	58
161	Comprehensive two-dimensional gas chromatography of polybrominated diphenyl ethers. <i>Journal of Chromatography A</i> , 2005 , 1100, 200-7	4.5	57
160	Enantiomer fractions instead of enantiomer ratios. <i>Chemosphere</i> , 2000 , 41, 725-7	8.4	56
159	Simultaneous analysis of multiple neurotransmitters by hydrophilic interaction liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2015 , 1395, 79-87	4.5	55
158	Polybrominated Biphenyls and Diphenylethers 2000 , 61-96		55
157	Quadrupole mass spectrometer operating in the electron-capture negative ion mode as detector for comprehensive two-dimensional gas chromatography. <i>Journal of Chromatography A</i> , 2005 , 1067, 255-64	4.5	54
156	Medium-Chain Chlorinated Paraffins (CPs) Dominate in Australian Sewage Sludge. <i>Environmental Science & Technology</i> , 2017 , 51, 3364-3372	10.3	53
155	Improvements in the analysis of chlorobiphenyls prior to the certification of seven CBs in two fish oils. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1988 , 332, 591-597		53
154	Trends in chlorobiphenyl contents in livers of Atlantic cod (<i>Gadus morhua</i>) from the North Sea, 1979-1987. <i>Chemosphere</i> , 1988 , 17, 1811-1819	8.4	53

153	Analysis of perfluorinated phosphonic acids and perfluorooctane sulfonic acid in water, sludge and sediment by LC-MS/MS. <i>Talanta</i> , 2011 , 86, 329-36	6.2	51
152	Novel analytical methods for flame retardants and plasticizers based on gas chromatography, comprehensive two-dimensional gas chromatography, and direct probe coupled to atmospheric pressure chemical ionization-high resolution time-of-flight-mass spectrometry. <i>Analytical Chemistry</i> , 2013 , 85, 9572-80	7.8	50
151	Blood plasma sample preparation method for the assessment of thyroid hormone-disrupting potency in effect-directed analysis. <i>Environmental Science & Technology</i> , 2011 , 45, 7936-44	10.3	49
150	Determination of toxaphene in human milk from Nicaragua and in fish and marine mammals from the northeastern Atlantic and the North Sea. <i>Chemosphere</i> , 1993 , 27, 1879-1890	8.4	49
149	Methods for the determination of phenolic brominated flame retardants, and by-products, formulation intermediates and decomposition products of brominated flame retardants in water. <i>Journal of Chromatography A</i> , 2009 , 1216, 334-45	4.5	47
148	Separation of seventeen 2,3,7,8-substituted polychlorinated dibenzo-p-dioxins and dibenzofurans and 12 dioxin-like polychlorinated biphenyls by comprehensive two-dimensional gas chromatography with electron-capture detection. <i>Journal of Chromatography A</i> , 2004 , 1038, 189-99	4.5	47
147	Enantiomeric separation of chiral polychlorinated biphenyls on beta-cyclodextrin capillary columns by means of heart-cut multidimensional gas chromatography and comprehensive two-dimensional gas chromatography. Application to food samples. <i>Journal of Separation Science</i> , 2005 , 28, 163-71	3.4	47
146	Maximizing chromatographic information from environmental extracts by GCxGC-ToF-MS. <i>Environmental Science & Technology</i> , 2008 , 42, 6611-8	10.3	46
145	Dietary exposure of rainbow trout to 8:2 and 10:2 fluorotelomer alcohols and perfluorooctanesulfonamide: Uptake, transformation and elimination. <i>Chemosphere</i> , 2011 , 82, 253-8	8.4	43
144	Comprehensive Two-Dimensional Gas Chromatography with a Rotating Thermal Desorption Modulator and Independently Temperature-Programmable Columns. <i>Journal of High Resolution Chromatography</i> , 2000 , 23, 189-196		43
143	Increased Signal Amplitude due to Mass Conservation in a Thermal Desorption Modulator. <i>Journal of High Resolution Chromatography</i> , 1998 , 21, 411-413		42
142	Analysis of seven chlorobiphenyl congeners by multidimensional gas chromatography. <i>Journal of High Resolution Chromatography</i> , 1991 , 14, 593-596		42
141	A novel brominated triazine-based flame retardant (TTBP-TAZ) in plastic consumer products and indoor dust. <i>Environmental Science & Technology</i> , 2014 , 48, 4468-74	10.3	41
140	Analysis of two alternative organophosphorus flame retardants in electronic and plastic consumer products: resorcinol bis-(diphenylphosphate) (PBDPP) and bisphenol A bis (diphenylphosphate) (BPA-BDPP). <i>Chemosphere</i> , 2014 , 116, 10-4	8.4	41
139	Optimization and development of analytical methods for the determination of new brominated flame retardants and polybrominated diphenyl ethers in sediments and suspended particulate matter. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 871-83	4.4	41
138	Capillary gas chromatography for the determination of halogenated micro-contaminants. <i>Journal of Chromatography A</i> , 1999 , 843, 179-198	4.5	41
137	Interferences in the Determination of 2,4,5,2',5'-Pentachlorobiphenyl (CB 101) in Environmental and Technical Samples. <i>International Journal of Environmental Analytical Chemistry</i> , 1991 , 43, 245-251	1.8	41
136	Critical review of the analysis of brominated flame retardants and their environmental levels in Africa. <i>Chemosphere</i> , 2016 , 164, 174-189	8.4	41

135	Flame retardants: Dust - And not food - Might be the risk. <i>Chemosphere</i> , 2016 , 150, 461-464	8.4	40
134	Polycyclic aromatic hydrocarbons in soils from the Central-Himalaya region: Distribution, sources, and risks to humans and wildlife. <i>Science of the Total Environment</i> , 2016 , 556, 12-22	10.2	40
133	Development of a thermal desorption modulator for gas chromatography. <i>Journal of Chromatography A</i> , 1997 , 767, 137-151	4.5	40
132	GC x GC-ECD: a promising method for the determination of dioxins and dioxin-like PCBs in food and feed. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 390, 1815-27	4.4	40
131	Spatial differences and temporal trends of chlorobiphenyls in yellow eel (<i>Anguilla anguilla</i>) from inland waters of the Netherlands. <i>Science of the Total Environment</i> , 1994 , 141, 155-174	10.2	40
130	Method for the analysis of non-ortho substituted chlorobiphenyls in fish and marine mammals. <i>Chemosphere</i> , 1992 , 25, 1277-1283	8.4	40
129	Challenges in effect-directed analysis with a focus on biological samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 67, 179-191	14.6	39
128	Multidimensional Gas Chromatographic Analysis of Toxaphene. <i>Environmental Science & Technology</i> , 1997 , 31, 873-879	10.3	39
127	Polychlorinated dibenzo-p-dioxins, dibenzofurans and biphenyls in fish from the Netherlands: concentrations, profiles and comparison with DR CALUX bioassay results. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 389, 321-33	4.4	38
126	Toward fire safety without chemical risk. <i>Science</i> , 2019 , 364, 231-232	33.3	38
125	Chlorinated Paraffins in Car Tires Recycled to Rubber Granulates and Playground Tiles. <i>Environmental Science & Technology</i> , 2019 , 53, 7595-7603	10.3	37
124	Non-target analysis of household dust and laundry dryer lint using comprehensive two-dimensional liquid chromatography coupled with time-of-flight mass spectrometry. <i>Chemosphere</i> , 2017 , 166, 431-437	8.4	37
123	Determination of Polychlorinated Terphenyls in Aquatic Biota and Sediment with Gas Chromatography/Mass Spectrometry Using Negative Chemical Ionization. <i>Environmental Science & Technology</i> , 1996 , 30, 473-480	10.3	36
122	Supercritical fluid extraction of polychlorinated biphenyls from lyophilized fish tissue. <i>Journal of Chromatography A</i> , 1994 , 675, 189-204	4.5	36
121	Dithiocarbamates induce craniofacial abnormalities and downregulate sox9a during zebrafish development. <i>Toxicological Sciences</i> , 2010 , 117, 209-17	4.4	35
120	Comprehensive two-dimensional gas chromatography for the analysis of organohalogenated micro-contaminants. <i>TrAC - Trends in Analytical Chemistry</i> , 2006 , 25, 373-396	14.6	35
119	Novel brominated flame retardants - A review of their occurrence in indoor air, dust, consumer goods and food. <i>Chemosphere</i> , 2020 , 255, 126816	8.4	34
118	The need for capacity building and first results for the Stockholm Convention Global Monitoring Plan. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 46, 72-84	14.6	34

117	Polybrominated diphenyl ether contamination levels in fish from the Antarctic and the Mediterranean Sea. <i>Chemosphere</i> , 2009 , 77, 693-8	8.4	33
116	Organochlorines in Greenland ringed seals (<i>Phoca hispida</i>). <i>Science of the Total Environment</i> , 2000 , 245, 103-16	10.2	33
115	Determination of mono-ortho substituted chlorobiphenyls by multidimensional gas chromatography and their contribution to TCDD equivalents. <i>Analytica Chimica Acta</i> , 1995 , 300, 155-165	6.6	33
114	Chlorobiphenyls and organochlorine pesticides in various sub-Antarctic organisms. <i>Marine Pollution Bulletin</i> , 1991 , 22, 441-447	6.7	33
113	High-Throughput Effect-Directed Analysis Using Downscaled in Vitro Reporter Gene Assays To Identify Endocrine Disruptors in Surface Water. <i>Environmental Science & Technology</i> , 2018 , 52, 4367-4377	10.3	32
112	Impurities of Resorcinol Bis(diphenyl phosphate) in Plastics and Dust Collected on Electric/Electronic Material. <i>Environmental Science & Technology</i> , 2016 , 50, 1934-40	10.3	32
111	Comprehensive two-dimensional liquid chromatography coupled to high resolution time of flight mass spectrometry for chemical characterization of sewage treatment plant effluents. <i>Journal of Chromatography A</i> , 2015 , 1380, 139-45	4.5	32
110	Identification of mutagenic and endocrine disrupting compounds in surface water and wastewater treatment plant effluents using high-resolution effect-directed analysis. <i>Water Research</i> , 2020 , 168, 115204	12.5	32
109	The Stockholm Convention: A Tool for the Global Regulation of Persistent Organic Pollutants. <i>Chemistry International</i> , 2019 , 41, 4-11	1.6	31
108	The international validation of bio- and chemical-analytical screening methods for dioxins and dioxin-like PCBs: the DIFFERENCE project rounds 1 and 2. <i>Talanta</i> , 2004 , 63, 1169-82	6.2	31
107	Polycyclic Aromatic Hydrocarbons in Soil [Practical Options for Remediation. <i>Clean - Soil, Air, Water</i> , 2016 , 44, 648-653	1.6	31
106	Regional and inter annual patterns of heavy metals, organochlorines and stable isotopes in narwhals (<i>Monodon monoceros</i>) from West Greenland. <i>Science of the Total Environment</i> , 2004 , 331, 83-105	10.2	30
105	Contribution of planar (0-1 ortho) and nonplanar (2-4 ortho) fractions of Aroclor 1260 to the induction of altered hepatic foci in female Sprague-Dawley rats. <i>Toxicology and Applied Pharmacology</i> , 2000 , 169, 255-68	4.6	30
104	Rapid Screening of Acetylcholinesterase Inhibitors by Effect-Directed Analysis Using LC [LC Fractionation, a High Throughput in Vitro Assay, and Parallel Identification by Time of Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2016 , 88, 2353-60	7.8	29
103	Import, disposal, and health impacts of pesticides in the East Africa Rift(EAR) zone: A review on management and policy analysis. <i>Crop Protection</i> , 2018 , 112, 322-331	2.7	29
102	Effects of environmentally relevant sub-chronic atrazine concentrations on African clawed frog (<i>Xenopus laevis</i>) survival, growth and male gonad development. <i>Aquatic Toxicology</i> , 2018 , 199, 1-11	5.1	28
101	Direct probe atmospheric pressure photoionization/atmospheric pressure chemical ionization high-resolution mass spectrometry for fast screening of flame retardants and plasticizers in products and waste. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 2503-12	4.4	28
100	Decabromodiphenylether and hexabromocyclododecane in wild birds from the United Kingdom, Sweden and The Netherlands: Screening and time trends. <i>Chemosphere</i> , 2011 , 82, 88-95	8.4	28

99	Organochlorines in Greenland lake sediments and landlocked Arctic char (<i>Salvelinus alpinus</i>). <i>Science of the Total Environment</i> , 2000 , 245, 173-85	10.2	28
98	Multidimensionality in gas chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 1996 , 15, 168-178	14.6	27
97	Pesticide Mixture Toxicity in Surface Water Extracts in Snails (<i>Lymnaea stagnalis</i>) by an in Vitro Acetylcholinesterase Inhibition Assay and Metabolomics. <i>Environmental Science & Technology</i> , 2016 , 50, 3937-44	10.3	26
96	Metabolomics to Explore Imidacloprid-Induced Toxicity in the Central Nervous System of the Freshwater Snail <i>Lymnaea stagnalis</i> . <i>Environmental Science & Technology</i> , 2015 , 49, 14529-36	10.3	26
95	Determination of Enantiomer Ratios of Bornane Congeners in Biological Samples Using Heart-Cut Multidimensional Gas Chromatography. <i>Journal of High Resolution Chromatography</i> , 1998 , 21, 39-46		26
94	Determination of tris(4-chlorophenyl)methanol and tris(4-chlorophenyl)methane in fish, marine mammals and sediment. <i>Environmental Pollution</i> , 1996 , 93, 39-47	9.3	26
93	Seasonal variation of chloro-s-triazines in the Hartbeespoort Dam catchment, South Africa. <i>Science of the Total Environment</i> , 2018 , 613-614, 472-482	10.2	25
92	Assessment of ionic liquid stationary phases for the determination of polychlorinated biphenyls, organochlorine pesticides and polybrominated diphenyl ethers. <i>Journal of Chromatography A</i> , 2014 , 1348, 158-63	4.5	25
91	Trace elements and carbon and nitrogen stable isotopes in organisms from a tropical coastal lagoon. <i>Archives of Environmental Contamination and Toxicology</i> , 2010 , 59, 464-77	3.2	25
90	Chlorobiphenyls and organochlorine pesticides in fish and sediments-three years of QUASIMEME laboratory performance studies. <i>Marine Pollution Bulletin</i> , 1997 , 35, 52-63	6.7	25
89	New certified and candidate certified reference materials for the analysis of PCBs, PCDD/Fs, OCPs and BFRs in the environment and food. <i>TrAC - Trends in Analytical Chemistry</i> , 2006 , 25, 397-409	14.6	25
88	Tricresyl phosphate and the aerotoxic syndrome of flight crew members--current gaps in knowledge. <i>Chemosphere</i> , 2015 , 119 Suppl, S58-61	8.4	22
87	Analytical improvements shown over four interlaboratory studies of perfluoroalkyl substances in environmental and food samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 43, 204-216	14.6	22
86	Testing endocrine disruption in biota samples: a method to remove interfering lipids and natural hormones. <i>Environmental Science & Technology</i> , 2010 , 44, 8322-9	10.3	22
85	A review of the achievements of the EU project QUASIMEME 1993-1996. <i>Marine Pollution Bulletin</i> , 1997 , 35, 3-17	6.7	22
84	The 1993 QUASIMEME laboratory-performance study: Chlorobiphenyls in fish oil and standard solutions. <i>Marine Pollution Bulletin</i> , 1994 , 29, 174-184	6.7	22
83	Brominated and organophosphorus flame retardants in South African indoor dust and cat hair. <i>Environmental Pollution</i> , 2019 , 253, 120-129	9.3	21
82	Brominated Flame Retardants in the Environment--The Price for our Convenience?. <i>Environmental Chemistry</i> , 2004 , 1, 81	3.2	21

81	Environmental Occurrence, Analysis, and Toxicology of Toxaphene Compounds. <i>Environmental Health Perspectives</i> , 1999 , 107, 115	8.4	21
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