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**Minamata disease: methylmercury poisoning in Japan caused by environmental pollution**

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1516	Glutamate transporters are oxidant-vulnerable: a molecular link between oxidative and excitotoxic neurodegeneration?. <b>1998</b> , 19, 328-34		387
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1505	Mercury in the American Oyster <i>Crassostrea virginica</i> in South Carolina, USA, and Public Health Concerns. <b>1999</b> , 38, 324-327	12
1504	Structure analysis of a class II transposon encoding the mercury resistance of the Gram-positive Bacterium <i>Bacillus megaterium</i> MB1, a strain isolated from minamata bay, Japan. <b>1999</b> , 234, 361-9	60
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1500	Mercury and other trace metals (Ag, Cr, Co, and Ni) in soft tissue and byssus of <i>Mytilus edulis</i> from the east coast of Kyushu Island, Japan. <b>1999</b> , 229, 227-34	27
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1486	[Methylmercury human exposure in riverside villages of Tapajos basin, Par� State, Brazil]. <b>2000</b> , 33, 265-9	13
1485	Benchmark concentrations for methylmercury obtained from the Seychelles Child Development Study. <b>2000</b> , 108, 257-63	61
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1481	Detection of localized methylmercury contamination by use of the mussel adductor muscle in Minamata Bay and Kagoshima Bay, Japan. <b>2000</b> , 261, 75-89	18
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1479	Does Methylmercury Have a Role in Causing Developmental Disabilities in Children?. <b>2000</b> , 108, 413	18
1478	Thiomersal in vaccines: is removal warranted?. <b>2001</b> , 24, 567-74	8
1477	Mercury pollution in the Tapajos River basin, Amazon: mercury level of head hair and health effects. <b>2001</b> , 27, 285-90	94
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1470	Community health profile of Windsor, Ontario, Canada: anatomy of a Great Lakes area of concern. <b>2001</b> , 109 Suppl 6, 827-43	48
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1468	Mercury detoxification with transgenic plants and other biotechnological breakthroughs for phytoremediation. <b>2001</b> , 37, 321-325	24
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1464	Exposure analysis of five fish-consuming populations for overexposure to methylmercury. <b>2001</b> , 11, 193-206	12
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1461	Prenatal Exposure of the Northern Quebec Inuit Infants to Environmental Contaminants. <b>2001</b> , 109, 1291	137
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1459	Chapter 1 Introduction. <b>2002</b> , 5, 1-42	
1458	The Toxicology of Mercury. <b>2002</b> , 33, 614-625	67
1457	Mercury-induced apoptosis in human lymphocytes: caspase activation is linked to redox status. <b>2002</b> , 4, 379-89	54
1456	Chapter 3 Biota as a medium for chemical elements. <b>2002</b> , 5, 181-466	

1455	Review of neurobehavioral deficits and river fish consumption from the Tapaj� (Brazil) and St. Lawrence (Canada). <b>2002</b> , 12, 93-9	18
1454	Neurobehavioral toxicity of methylmercury and PCBs Effects-profiles and sensitive populations. <b>2002</b> , 12, 119-28	18
1453	Different approaches for multi-transgene-stacking in plants. <b>2002</b> , 163, 281-295	45
1452	Indicators of ocean health and human health: developing a research and monitoring framework. <b>2002</b> , 110, 839-45	74
1451	Semiquantitative mercury determination in fish: a tool for poisoning prevention. <b>2002</b> , 74, 187-91	5
1450	The importance of weight-normalized exposure data when issuing fish advisories for protection of public health. <b>2002</b> , 110, 671-7	3
1449	In vitro setting of dose-effect relationships of 32 metal compounds in the Balb/3T3 cell line, as a basis for predicting their carcinogenic potential. <b>2002</b> , 30, 209-17	27
1448	A comparative study of the toxicity of mercury dichloride and methylmercury, assayed by the Frog Embryo Teratogenesis Assay--Xenopus (FETAX). <b>2002</b> , 30, 23-32	30
1447	[Poisoning due to heavy metals and arsenic]. <b>2002</b> , 43, 818, 821-7	
1446	Results of multiyear international interlaboratory comparison program for mercury in human hair. <b>2002</b> , 43, 466-72	30
1445	Simultaneous detection and removal of organomercurial compounds by using the genetic expression system of an organomercury lyase from the transposon Tn MER11. <b>2002</b> , 59, 86-90	9
1444	DETERMINATION OF CELLULAR LEVELS OF NONPROTEIN THIOLS IN PHYTOPLANKTON AND THEIR CORRELATIONS WITH SUSCEPTIBILITY TO MERCURY1. <b>2002</b> , 38, 983-990	13
1443	Methylmercury distribution in the pregnant rat and embryo during early midbrain organogenesis. <b>2002</b> , 66, 235-41	22
1442	Toward detoxifying mercury-polluted aquatic sediments with rice genetically engineered for mercury resistance. <b>2003</b> , 22, 2940-7	91
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1440	Neurotoxicity of organomercurial compounds. <b>2003</b> , 5, 283-305	146
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1434	Methods and rationale for derivation of a reference dose for methylmercury by the U.S. EPA. <b>2003</b> , 23, 107-15	124
1433	Human mercury toxicity and ice angler fish consumption: are people eating enough to cause health problems?. <b>2003</b> , 23, 497-504	3
1432	Mercury levels in high-end consumers of fish. <b>2003</b> , 111, 604-8	271
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1429	Neurotoxic and molecular effects of methylmercury in humans. <b>2003</b> , 18, 19-31	95
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1427	Enhanced mercury biosorption by bacterial cells with surface-displayed MerR. <b>2003</b> , 69, 3176-80	110
1426	Blood mercury levels in US children and women of childbearing age, 1999-2000. <b>2003</b> , 289, 1667-74	231
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1419	Exceeding the methyl mercury reference dose: how dangerous is it?. <b>2004</b> , 112, A337; author reply A337-8	1
1418	Food and population growth. <b>2004</b> , 112, A339-40	24
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1416	Corrections May 2004. <b>2004</b> , 112,	
1415	Good for your heart but bad for your baby? Revised guidelines for fish consumption in pregnancy. <b>2004</b> , 181, 61-2	9
1414	Biomonitoring results and cytogenetic markers among harbour workers with potential exposure to river silt aerosols. <b>2004</b> , 61, 247-53	14
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1410	Microbial genomics and the periodic table. <b>2004</b> , 70, 647-55	109
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1408	Additive pro-oxidative effects of methylmercury and ebselen in liver from suckling rat pups. <b>2004</b> , 146, 227-35	53
1407	Routine, automated determination of inorganic and total mercury in multimedia using cold vapour atomic absorption spectrometry. <b>2004</b> , 56, 1097-103	12
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1405	Temporal variation of blood and hair mercury levels in pregnancy in relation to fish consumption history in a population living along the St. Lawrence River. <b>2004</b> , 95, 363-74	95
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1401	Developmental neuropathology of environmental agents. <b>2004</b> , 44, 87-110	245
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1390	Methodological issues in research on developmental exposure to neurotoxic agents. <b>2005</b> , 27, 395-406	58
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1384	Protecting children from environmental toxins. <b>2005</b> , 2, e61	31

1383	Selenium compounds prevent the effects of methylmercury on the in vitro phosphorylation of cytoskeletal proteins in cerebral cortex of young rats. <b>2005</b> , 85, 639-46	28
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1380	Historical neurotoxins: what we have learned from toxins of the past about diseases of the present. <b>2005</b> , 23, 337-52	7
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1371	Reversible colorimetric probes for mercury sensing. <b>2005</b> , 127, 12351-6	298
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1366	Expression of organomercurial lyase in eastern cottonwood enhances organomercury resistance. <b>2006</b> , 42, 228-234	17

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1363	Methylmercury exposure in Wisconsin: A case study series. <b>2006</b> , 101, 113-22	33
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1361	Cerebellar thiol status and motor deficit after lactational exposure to methylmercury. <b>2006</b> , 102, 22-8	84
1360	Relationship between platelet monoamine oxidase-B (MAO-B) activity and mercury exposure in fish consumers from the Lake St. Pierre region of Que., Canada. <b>2006</b> , 27, 429-36	14
1359	Glutathione modulation influences methyl mercury induced neurotoxicity in primary cell cultures of neurons and astrocytes. <b>2006</b> , 27, 492-500	159
1358	Alterations of visual evoked potentials in preschool Inuit children exposed to methylmercury and polychlorinated biphenyls from a marine diet. <b>2006</b> , 27, 567-78	101
1357	Prenatal methylmercury exposure and developmental outcomes: review of the evidence and discussion of future directions. <b>2006</b> , 114, 307-12	33
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1355	The mercury binding activity of pectin isolated from the seagrass <i>Zostera marina</i> . <b>2006</b> , 32, 312-315	4
1354	Exposure of the urban population to mercury in Changchun city, Northeast China. <b>2006</b> , 28, 61-6	21
1353	Subclinical effects of prenatal methylmercury exposure on cardiac autonomic function in Japanese children. <b>2006</b> , 79, 379-86	36
1352	Expression of mercuric reductase from <i>Bacillus megaterium</i> MB1 in eukaryotic microalga <i>Chlorella</i> sp. DT: an approach for mercury phytoremediation. <b>2006</b> , 72, 197-205	53
1351	Use of iodide to enhance the phytoextraction of mercury-contaminated soil. <b>2006</b> , 368, 30-9	29
1350	Spatial variations of mercury in sediment of Minamata Bay, Japan. <b>2006</b> , 368, 283-90	58
1349	A 2,000-year record of mercury and ancient civilizations in seal hairs from King George Island, West Antarctica. <b>2006</b> , 368, 236-47	46
1348	Oceans and human health: Emerging public health risks in the marine environment. <b>2006</b> , 53, 545-60	162

1347	Effects of prenatal methylmercury exposure on brain monoamine oxidase activity and neurobehaviour of rats. <b>2006</b> , 28, 251-9	41
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1345	A new approach to the remediation of heavy metal liquid wastes via off-gases produced by <i>Klebsiella pneumoniae</i> M426. <b>2006</b> , 95, 574-83	21
1344	A Reversible and Highly Selective Fluorescent Sensor for Mercury(II) Using Poly(thiophene)s that Contain Thymine Moieties. <b>2006</b> , 27, 389-392	181
1343	Protecting our unborn children: how to measure exposure to thousands of chemicals?. <b>2006</b> , 91, 627-8	3
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1341	When science is not enough - a risk/benefit profile of thiomersal-containing vaccines. <b>2006</b> , 5, 17-29	23
1340	Agricultural Medicine. <b>2006</b> ,	3
1339	Meconium analysis to detect fetal exposure to neurotoxicants. <b>2006</b> , 91, 628-9	17
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1336	Coordination deficits induced in young adult mice treated with methylmercury. <b>2007</b> , 26, 115-21	25
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1334	Inorganic and methyl-mercury speciation in sediments of the Swarzędzkie Lake. <b>2007</b> , 23, 93-103	3
1333	Contaminants in fish: risk-benefit considerations. <b>2007</b> , 58, 367-74	40
1332	Developmental exposure to methylmercury alters learning and induces depression-like behavior in male mice. <b>2007</b> , 97, 428-37	141
1331	Association of Aging with Minerals in Male Japanese Adults. <b>2007</b> , 4, 38-42	5
1330	History of public health crises in Japan. <b>2007</b> , 28, 221-37	21

1329	Mercury pollution and childhood in Amazon riverside villages. <b>2007</b> , 33, 56-61	50
1328	Fetal methylmercury exposure as measured by cord blood mercury concentrations in a mother-infant cohort in Hong Kong. <b>2007</b> , 33, 84-92	58
1327	Cytoprotective role of Nrf2/Keap1 system in methylmercury toxicity. <b>2007</b> , 363, 645-50	109
1326	Searching for novel biomarkers of centrally and peripherally-acting neurotoxicants, using surface-enhanced laser desorption/ionisation-time-of-flight mass spectrometry (SELDI-TOF MS). <b>2007</b> , 45, 2126-37	2
1325	Posterior amalgam restorations--usage, regulation, and longevity. <b>2007</b> , 51, 573-89, v	29
1324	Does prenatal methylmercury exposure from fish consumption affect blood pressure in childhood?. <b>2007</b> , 28, 924-30	49
1323	Principles for Prevention of the Toxic Effects of Metals. <b>2007</b> , 319-337	1
1322	A colorimetric and fluorometric dual-model assay for mercury ion by a molecule. <b>2007</b> , 9, 2313-6	249
1321	Methylmercury exposure and health effects in humans: a worldwide concern. <b>2007</b> , 36, 3-11	813
1320	Mercury exposure and public health. <b>2007</b> , 54, 237-69, viii	119
1319	Mercury exposure and its implications for visual health. <b>2007</b> , 42, 660-2	0
1318	Reproductive and Developmental Toxicity of Metals. <b>2007</b> , 213-249	9
1317	Immunotoxicology of Metals. <b>2007</b> , 197-211	1
1316	Methylmercury neurotoxicity: Role of oxidative stress. <b>2007</b> , 89, 535-554	16
1315	Overexpression of a single membrane component from the Bacillus mer operon enhanced mercury resistance in an Escherichia coli host. <b>2007</b> , 71, 1494-9	6
1314	Differential neurotoxic effects of methylmercury and mercuric sulfide in rats. <b>2007</b> , 169, 109-20	61
1313	Mercury. <b>2007</b> , 675-729	37
1312	Mercury content of hair in different populations relative to fish consumption. <b>2007</b> , 189, 107-30	13

1311	Selectively chemodosimetric detection of Hg(II) in aqueous media. <b>2007</b> , 9, 4515-8	146
1310	Phytoremediation of mercury and organomercurials in chloroplast transgenic plants: enhanced root uptake, translocation to shoots, and volatilization. <b>2007</b> , 41, 8439-46	108
1309	Mercury distribution in medium-size rivers and reservoirs of the Sao Paulo state (southeast Brazil). <b>2007</b> , 36, 478-86	4
1308	A bright and specific fluorescent sensor for mercury in water, cells, and tissue. <b>2007</b> , 46, 6658-61	351
1307	A Bright and Specific Fluorescent Sensor for Mercury in Water, Cells, and Tissue. <b>2007</b> , 119, 6778-6781	47
1306	From lead to manganese through mercury: mythology, science, and lessons for prevention. <b>2007</b> , 50, 779-87	33
1305	Lack of association between Rh status, Rh immune globulin in pregnancy and autism. <b>2007</b> , 143A, 1397-407	21
1304	Thimerosal distribution and metabolism in neonatal mice: comparison with methyl mercury. <b>2007</b> , 27, 511-8	42
1303	Small Molecular Chromogenic Sensors for Hg <sup>2+</sup> : A Strong Push-Pull System Exists after Binding. <b>2007</b> , 2007, 2459-2463	33
1302	Tracking of mercury ions in living cells with a fluorescent chemodosimeter under single- or two-photon excitation. <b>2007</b> , 597, 306-12	27
1301	Use of Markov Chain Monte Carlo analysis with a physiologically-based pharmacokinetic model of methylmercury to estimate exposures in US women of childbearing age. <b>2007</b> , 27, 947-59	47
1300	Protection of cerebellar granule cells by tocopherols and tocotrienols against methylmercury toxicity. <b>2007</b> , 1182, 106-15	25
1299	Time of perinatal immunization, thimerosal exposure and neurodevelopment at 6 months in breastfed infants. <b>2007</b> , 96, 864-8	21
1298	Lactational exposure to inorganic mercury: evidence of neurotoxic effects. <b>2007</b> , 29, 360-7	32
1297	Age standardized cancer mortality ratios in areas heavily exposed to methyl mercury. <b>2007</b> , 80, 679-88	16
1296	Modulating effects of dietary fats on methylmercury toxicity and distribution in rats. <b>2007</b> , 230, 22-44	34
1295	An in vitro approach to assess the toxicity of certain food contaminants: methylmercury and polychlorinated biphenyls. <b>2007</b> , 237, 65-76	45
1294	Concentrations and distribution of mercury and other heavy metals in surface sediments of the Yatsushiro Sea including Minamata Bay, Japan. <b>2008</b> , 80, 78-84	15

1293	Hair mercury level of coastal communities in Malaysia: a linkage with fish consumption. <b>2008</b> , 227, 1349-1355	20
1292	Heavy metal distribution in tissues of six fish species included in human diet, inhabiting freshwaters of the Nature Park "Hutovo Blato" (Bosnia and Herzegovina). <b>2008</b> , 54, 75-83	41
1291	Thyroid hormones and methylmercury toxicity. <b>2008</b> , 126, 1-12	40
1290	Reversible and Highly Selective Fluorescent Sensor for Mercury(II) Based on a Water-Soluble Poly(para-phenylene)s Containing Thymine and Sulfonate Moieties. <b>2008</b> , 29, 1588-1592	32
1289	Mercury removal from contaminated water by ultrasound-promoted reduction/vaporization in a microscale reactor. <b>2008</b> , 15, 212-6	19
1288	Late insights into early origins of disease. <b>2008</b> , 102, 94-9	38
1287	Human developmental neurotoxicity of methylmercury: impact of variables and risk modifiers. <b>2008</b> , 51, 201-14	100
1286	Mercury concentration in hair samples from Chinese people in coastal cities. <b>2008</b> , 20, 1258-62	31
1285	The variations of mercury in sediment profiles from a historically mercury-contaminated reservoir, Guizhou province, China. <b>2008</b> , 407, 497-506	44
1284	Prenatal methylmercury exposure hampers glutathione antioxidant system ontogenesis and causes long-lasting oxidative stress in the mouse brain. <b>2008</b> , 227, 147-54	168
1283	"Turn-on" fluorescent sensor for Hg <sup>2+</sup> via displacement approach. <b>2008</b> , 47, 5169-76	102
1282	Visible near-infrared chemosensor for mercury ion. <b>2008</b> , 10, 1481-4	348
1281	Identification of a new mutagen, 4,4'-diamino-3,3'-dichloro-5-nitrobiphenyl, in river water flowing through an industrial area in Wakayama, Japan. <b>2008</b> , 655, 28-35	5
1280	Docosahexaenoic acid may act as a neuroprotector for methylmercury-induced neurotoxicity in primary neural cell cultures. <b>2008</b> , 29, 978-87	35
1279	Methylmercury and nutrition: adult effects of fetal exposure in experimental models. <b>2008</b> , 29, 783-801	47
1278	Impact of mercury emissions from incineration of automobile shredder residue in Japan. <b>2008</b> , 23, 584-593	8
1277	Developmental exposure to polychlorinated biphenyls or methylmercury, but not to its combination, impairs the glutamate-nitric oxide-cyclic GMP pathway and learning in 3-month-old rats. <b>2008</b> , 154, 1408-16	43
1276	Determination of Hg and organomercury species following SPME: a review. <b>2008</b> , 77, 21-7	55

1275	Trace Metal and Organochlorine Pesticide Concentrations in Cold-Stunned Juvenile Kemp's Ridley Turtles ( <i>Lepidochelys kempii</i> ) from Cape Cod, Massachusetts. <b>2008</b> , 7, 230-239	35
1274	Effects of modern and ancient human activities on mercury in the environment in Xi'an area, Shannxi Province, P.R. China. <b>2008</b> , 153, 342-50	16
1273	Somatosensory disturbance by methylmercury exposure. <b>2008</b> , 107, 6-19	18
1272	Visual field losses in workers exposed to mercury vapor. <b>2008</b> , 107, 124-31	16
1271	Selenium as a potential protective factor against mercury developmental neurotoxicity. <b>2008</b> , 107, 45-52	89
1270	Cognitive function and blood methylmercury in adults living near a deserted chloralkali factory. <b>2008</b> , 108, 334-9	25
1269	Neurobehavioral assessment of rats exposed to low doses of PCB126 and methyl mercury during development. <b>2008</b> , 25, 103-13	20
1268	An investigation of the effects of methylmercury in rats fed different dietary fats and proteins: testicular steroidogenic enzymes and serum testosterone levels. <b>2008</b> , 46, 270-9	22
1267	Tools and tactics for the optical detection of mercuric ion. <b>2008</b> , 108, 3443-80	2017
1266	Dysfunctional astrocytes as key players in the pathogenesis of central nervous system disorders. <b>2008</b> , 267, 3-16	178
1265	Ratiometric sensing of Hg <sup>2+</sup> based on the calix[4]arene of partial cone conformation possessing a dansyl moiety. <b>2008</b> , 10, 4891-4	155
1264	Asymmetric Fluorescence Quenching of Dual-Emissive Porphyrin-Containing Conjugated Polyelectrolytes for Naked-Eye Mercury Ion Detection. <b>2008</b> , 41, 8380-8387	78
1263	Negative confounding in the evaluation of toxicity: the case of methylmercury in fish and seafood. <i>Critical Reviews in Toxicology</i> , <b>2008</b> , 38, 877-93	5-7 96
1262	Localizing organomercury uptake and accumulation in zebrafish larvae at the tissue and cellular level. <b>2008</b> , 105, 12108-12	109
1261	Immune function effects of dental amalgam in children: a randomized clinical trial. <b>2008</b> , 139, 1496-505	18
1260	Assessing the human health implications of new veterinary drugs used in fish farming. <b>2008</b> , 128-156	4
1259	Mercury exposure from fish consumption within the Japanese and Korean communities. <b>2008</b> , 71, 1019-31	35
1258	Epidemiologic evidence of relationships between reproductive and child health outcomes and environmental chemical contaminants. <b>2008</b> , 11, 373-517	305



1257	Genotypic variation in grain mercury accumulation of lowland rice. <b>2008</b> , 171, 281-285	9
1256	The risks and benefits of consumption of farmed fish. <b>2008</b> , 3-38	1
1255	Methylmercury exposure and health effects in humans. <b>2008</b> , 5, 112	51
1254	Long-term exposure to methylmercury and neurologic signs in Minamata and neighboring communities. <b>2008</b> , 19, 3-9	45
1253	Fish consumption, methylmercury and child neurodevelopment. <b>2008</b> , 20, 178-83	98
1252	Development neurotoxicity: implications of methylmercury research. <b>2008</b> , 2, 417	9
1251	Mercury, vaccines, and autism: one controversy, three histories. <b>2008</b> , 98, 244-53	96
1250	The delayed appearance of a mercurial warning. <b>2008</b> , 19, 10-1	3
1249	Exposure to Mercury: A Critical Assessment of Adverse Ecological and Human Health Effects. 343-371	1
1248	. <b>2008</b> ,	39
1247	Exposure to Environmental Chemicals and Developmental Risk: Contributions from Studies with Monkeys. <b>2008</b> , 377-419	2
1246	Hair mercury negatively correlates with calcium pump activity in human term newborns and their mothers at delivery. <b>2008</b> , 116, 263-7	14
1245	Toxic levels of mercury in Chinese infants eating fish congee. <b>2008</b> , 188, 59-60	2
1244	Health Risks and Benefits of Seafood Consumption. <b>2009</b> , 37, 79-95	1
1243	Post-depositional memory record of mercury in sediment near the effluent disposal site of a chlor-alkali plant in Thane Creek-Mumbai Harbour, India. <b>2009</b> , 30, 765-83	17
1242	Mercury and Selenium - A Review on Aspects Related to the Health of Human Populations in the Amazon. <b>2009</b> , 4, 222-245	32
1241	Methylmercury speciation influences brain gene expression and behavior in gestationally-exposed mice pups. <b>2009</b> , 110, 389-400	39
1240	Marine fish food in the United States and methylmercury risk. <b>2009</b> , 19, 109-24	0

1239	Health implications of mercury exposure in children. <b>2009</b> , 3, 22	10
1238	Longitudinal mercury monitoring within the Japanese and Korean communities (United States): implications for exposure determination and public health protection. <b>2009</b> , 117, 1760-6	11
1237	Minamata disease: catastrophic poisoning due to a failed public health response. <b>2009</b> , 30, 54-67	30
1236	Is low-level environmental mercury exposure of concern to human health?. <b>2009</b> , 408, 171-82	304
1235	What has methylmercury in umbilical cords told us? - Minamata disease. <b>2009</b> , 408, 272-6	26
1234	Total blood mercury concentrations in the U.S. population: 1999-2006. <b>2009</b> , 212, 588-98	77
1233	Terphenyl based Turn On fluorescent sensor for mercury. <b>2009</b> , 50, 2649-2652	41
1232	Genetic engineering to enhance mercury phytoremediation. <b>2009</b> , 20, 213-9	99
1231	Mercury speciation in the Persian Gulf sediments. <b>2009</b> , 157, 363-73	14
1230	Mercury in freshwater, estuarine, and marine fishes from Southern Brazil and its ecological implication. <b>2009</b> , 159, 35-42	21
1229	Low level and sub-chronic exposure to methylmercury induces hypertension in rats: nitric oxide depletion and oxidative damage as possible mechanisms. <b>2009</b> , 83, 653-62	56
1228	Efficacy of risk-based, culturally sensitive Ojibwa (walleye) consumption advice for Anishinaabe tribal members in the Great Lakes Region. <b>2009</b> , 29, 729-42	14
1227	An exposure assessment of methyl mercury via fish consumption for the Japanese population. <b>2009</b> , 29, 1281-91	33
1226	An easy-to-synthesize Turn-on fluorescent sensor for the selective detection of HgII. <b>2009</b> , 19, 270-271	5
1225	Dual optical detection of a novel selective mercury sensor based on 7-nitrobenzo-2-oxa-1,3-diazolyl subunits. <b>2009</b> , 50, 1783-1786	42
1224	A Fluorescent coumarinylalkyne probe for the selective detection of mercury(II) ion in water. <b>2009</b> , 50, 4766-4768	81
1223	Fluorescent coumarinyl dithiane as a selective chemodosimeter for mercury(II) ion in aqueous solution. <b>2009</b> , 50, 5958-5961	83
1222	Azo dyes featuring a pyrene unit: New selective chromogenic and fluorogenic chemodosimeters for Hg(II). <b>2009</b> , 142, 280-287	33

1221	Expressing a bacterial mercuric ion binding protein in plant for phytoremediation of heavy metals. <b>2009</b> , 161, 920-5	72
1220	Post-mortem CT findings following intentional ingestion of mercuric chloride. <b>2009</b> , 11, 136-8	7
1219	Mercury Contamination of Skin Whiteners in Cambodia. <b>2009</b> , 15, 1286-1303	17
1218	Toxic Movement Disorders: The Approach to the Patient with a Movement Disorder of Toxic Origin. <b>2009</b> , 115-130	1
1217	Mercury-selenium compounds and their toxicological significance: toward a molecular understanding of the mercury-selenium antagonism. <b>2009</b> , 28, 1567-77	314
1216	The molecular form of mercury in biota: identification of novel mercury peptide complexes in plants. <b>2009</b> , 4257-9	84
1215	Index of congenital Minamata disease in Canadian areas of concern in the Great Lakes: an eco-social epidemiological approach. <b>2009</b> , 27, 246-75	5
1214	Mercury contamination in vicinity of secondary copper smelters in Fuyang, Zhejiang Province, China: levels and contamination in topsoils. <b>2009</b> , 157, 1787-93	19
1213	In vitro protective effects of pyrroloquinoline quinone on methylmercury-induced neurotoxicity. <b>2009</b> , 27, 103-10	21
1212	Does selenium modify neurobehavioural impacts of developmental methylmercury exposure in mice?. <b>2009</b> , 28, 111-9	18
1211	Qualitative assessment of visuospatial errors in mercury-exposed Amazonian children. <b>2009</b> , 30, 37-46	53
1210	Concentration, distribution and bioaccumulation of mercury in the Xunyang mercury mining area, Shaanxi Province, China. <b>2009</b> , 24, 950-956	33
1209	Protection of pyrroloquinoline quinone against methylmercury-induced neurotoxicity via reducing oxidative stress. <b>2009</b> , 43, 224-33	30
1208	Methylmercury speciation in fish muscle by HPLC-ICP-MS following enzymatic hydrolysis. <b>2009</b> , 24, 663	66
1207	Fluorescence detection of mercury ions in aqueous media with the complex of a cationic oligopyrene derivative and oligothymine. <b>2009</b> , 134, 2081-6	28
1206	A multiresponsive two-arm ferrocene-based chemosensor molecule for selective detection of mercury. <b>2009</b> , 2121-9	37
1205	Synthesis, characterization and structures of methylmercury complexes with selenoamino acids. <b>2009</b> , 5766-72	22
1204	Reviews of Environmental Contamination and Toxicology. <b>2009</b> ,	1

1203	Effects of mixtures of polychlorinated biphenyls, methylmercury, and organochlorine pesticides on hepatic DNA methylation in prepubertal female Sprague-Dawley rats. <b>2009</b> , 28, 294-307	83
1202	A cryptand based chemodosimetric probe for naked-eye detection of mercury(II) ion in aqueous medium and its application in live cell imaging. <b>2009</b> , 4417-9	104
1201	A new chemosensor that signals Hg(II), Cu(II) and Zn(II) at different emission wavelengths: selectivity toward Hg(II) in acetonitrile. <b>2009</b> , 33, 1825	44
1200	Mercury residues in free-grazing cattle and domestic fowl from the artisanal gold mining area of Geita district, Tanzania. <b>2009</b> , 26, 1482-7	6
1199	Global Biogeochemical Cycling of Mercury: A Review. <b>2009</b> , 34, 43-63	752
1198	Human health effects of methylmercury exposure. <b>2009</b> , 198, 111-32	72
1197	Preliminary findings on the effects of occupational exposure to mercury vapor below safety levels on visual and neuropsychological functions. <b>2009</b> , 51, 1403-12	21
1196	Defining a lowest observable adverse effect hair concentrations of mercury for neurodevelopmental effects of prenatal methylmercury exposure through maternal fish consumption: a systematic review. <b>2009</b> , 31, 670-82	50
1195	Total mercury content in hair and neurologic signs: historic data from Minamata. <b>2009</b> , 20, 188-93	25
1194	Neurobehavioral manifestations of developmental impairment of the brain. <b>2010</b> , 3, 59-67	25
1193	Reproductive environmental health. <b>2010</b> , 22, 517-24	20
1192	What causes autism? Exploring the environmental contribution. <b>2010</b> , 22, 219-25	254
1191	Hair methylmercury: a new indication for therapeutic monitoring. <b>2010</b> , 32, 289-93	12
1190	Development of a luminescence-based biosensor for detection of methylmercury. <b>2010</b> , 35, 231-4	7
1189	Correlation Between Mercury Concentrations in Hair and Dental Amalgam Fillings. <b>2010</b> , 7, 14-17	2
1188	Mercury in Aquatic Organisms of the Ebro River Basin. <b>2010</b> , 239-258	1
1187	Northern Australia, whither the mercury?. <b>2010</b> , 61, 451	9
1186	Silencing of the gene for homeobox protein HOXB13 by siRNA confers resistance to methylmercury on HEK293 cells. <b>2010</b> , 35, 941-4	6

1185	Transport of inorganic mercury and methylmercury in target tissues and organs. <b>2010</b> , 13, 385-410	155
1184	Mercury resistance and accumulation in <i>Escherichia coli</i> with cell surface expression of fish metallothionein. <b>2010</b> , 87, 561-9	23
1183	Development of a transgenic tobacco plant for phytoremediation of methylmercury pollution. <b>2010</b> , 87, 781-6	39
1182	Mercury accumulation in the clam, <i>Galatea paradoxa</i> (Born 1778) at the Volta estuary, Ghana. <b>2010</b> , 85, 497-501	1
1181	Environmental application of elemental speciation analysis based on liquid or gas chromatography hyphenated to inductively coupled plasma mass spectrometry--a review. <b>2010</b> , 668, 114-29	98
1180	Geomedica: managing and querying clinical data distributions on geographical database systems. <b>2010</b> , 1, 979-986	5
1179	A selenolactone-based fluorescent chemodosimeter to monitor mercury/methylmercury species in vitro and in vivo. <b>2010</b> , 66, 4016-4021	112
1178	Dynamic accumulation and redistribution of methylmercury in the lens of developing zebrafish embryos and larvae. <b>2010</b> , 15, 1137-45	26
1177	Mercury human exposure through fish consumption in a reservoir contaminated by a chlor-alkali plant: Babeni reservoir (Romania). <b>2010</b> , 17, 1422-32	53
1176	Potential causes of enhanced transfer of mercury to St. Lawrence River Biota: implications for sediment management strategies at Cornwall, Ontario, Canada. <b>2010</b> , 647, 81-98	20
1175	Trophic transfer of mercury and methylmercury in an aquatic ecosystem impacted by municipal sewage effluents in Beijing, China. <b>2010</b> , 22, 1189-94	8
1174	Hair mercury levels of women of reproductive age in Ontario, Canada: implications to fetal safety and fish consumption. <b>2010</b> , 157, 127-31	30
1173	Mammalian wildlife as complementary models in environmental neurotoxicology. <b>2010</b> , 32, 114-9	33
1172	High mercury levels in hair samples from residents of Taiji, a Japanese whaling town. <b>2010</b> , 60, 743-7	26
1171	Health assessment of artisanal gold miners in Indonesia. <b>2010</b> , 408, 713-25	88
1170	Burdens of mercury in residents of Temirtau, Kazakhstan: II: verification of methodologies for estimating human exposure to high levels of Hg pollution in the environment. <b>2010</b> , 408, 4033-44	7
1169	A risk-benefit analysis of wild fish consumption for various species in Alaska reveals shortcomings in data and monitoring needs. <b>2010</b> , 408, 4532-41	23
1168	Statistical estimate of mercury removal efficiencies for air pollution control devices of municipal solid waste incinerators. <b>2010</b> , 408, 5472-7	16

1167	Carbon monoxide derived from heme oxygenase-2 mediates reduction of methylmercury toxicity in SH-SY5Y cells. <b>2010</b> , 249, 86-90	5
1166	Organomercurials removal by heterogeneous merB genes harboring bacterial strains. <b>2010</b> , 110, 94-8	32
1165	Cell Compatible Fluorescent Chemosensor for Hg <sup>2+</sup> with High Sensitivity and Selectivity Based on the Rhodamine Fluorophore. <b>2010</b> , 2010, 04438-4443	29
1164	Environmental legislation and contamination: the gap between theory and reality in South Africa. <b>2010</b> , 91, 2275-80	6
1163	A simply and highly selective Turn-on type fluorescent chemosensor for Hg <sup>2+</sup> based on chiral BINOL-Schiff base ligand. <b>2010</b> , 130, 888-892	25
1162	A near IR di-styryl BODIPY-based ratiometric fluorescent chemosensor for Hg(II). <b>2010</b> , 51, 892-894	87
1161	New fluorescent and colorimetric chemosensors based on the rhodamine and boronic acid groups for the detection of Hg <sup>2+</sup> . <b>2010</b> , 51, 3286-3289	74
1160	State calculations of cultural survival in environmental risk assessment: consequences for Alaska Natives. <b>2010</b> , 24, 451-71	7
1159	Communicating methylmercury risks and fish consumption benefits to vulnerable childbearing populations. <b>2010</b> , 39, 118-126	8
1158	mRNA expression is a relevant tool to identify developmental neurotoxicants using an in vitro approach. <b>2010</b> , 113, 95-115	74
1157	In inland China, rice, rather than fish, is the major pathway for methylmercury exposure. <b>2010</b> , 118, 1183-8	330
1156	High fiber probiotic fermented mare's milk reduces the toxic effects of mercury in rats. <b>2010</b> , 2, 569-75	18
1155	Methylmercury exposure and health effects from rice and fish consumption: a review. <b>2010</b> , 7, 2666-91	122
1154	Azine-based receptor for recognition of Hg <sup>2+</sup> ion: crystallographic evidence and imaging application in live cells. <b>2010</b> , 12, 5406-9	132
1153	Chemical demethylation of methylmercury by selenoamino acids. <b>2010</b> , 23, 1202-6	91
1152	Bioaccumulation of methylmercury versus inorganic mercury in rice ( <i>Oryza sativa</i> L.) grain. <b>2010</b> , 44, 4499-504	216
1151	Mercury exposure and children's health. <b>2010</b> , 40, 186-215	291
1150	In vivo methylmercury exposure induced long-lasting epileptiform activity in layer II/III neurons in cortical slices from the rat. <b>2010</b> , 193, 138-43	8

1149	Low dose mercury and heart rate variability among community residents nearby to an industrial complex in Korea. <b>2010</b> , 31, 10-6	43
1148	Dietary selenium protects against selected signs of aging and methylmercury exposure. <b>2010</b> , 31, 169-79	50
1147	Methylmercury localization in Danio rerio retina after trophic and subchronic exposure: a basis for neurotoxicology. <b>2010</b> , 31, 448-53	29
1146	Mercury in 16 demersal sharks from southeast Australia: Biotic and abiotic sources of variation and consumer health implications. <b>2010</b> , 69, 18-26	107
1145	Cipura paludosa attenuates long-term behavioral deficits in rats exposed to methylmercury during early development. <b>2010</b> , 73, 1150-8	15
1144	Long-term exposure to methylmercury and its effects on hypertension in Minamata. <b>2010</b> , 110, 40-6	52
1143	Mercury exposure, serum antinuclear/antinucleolar antibodies, and serum cytokine levels in mining populations in Amazonian Brazil: a cross-sectional study. <b>2010</b> , 110, 345-54	127
1142	Structure-activity relationship of flavonoids derived from medicinal plants in preventing methylmercury-induced mitochondrial dysfunction. <b>2010</b> , 30, 272-278	53
1141	A new selective colorimetric and fluorescent sensor for Hg(2+) and Cu(2+) based on a thiourea featuring a pyrene unit. <b>2010</b> , 81, 1209-15	68
1140	Long-term effects of developmental exposure to low doses of PCB 126 and methylmercury. <b>2010</b> , 197, 38-45	19
1139	Heavy metal poisoning: management of intoxication and antidotes. <b>2010</b> , 100, 365-96	23
1138	Rhodamine-based chemosensor for Hg(2+) in aqueous solution with a broad pH range and its application in live cell imaging. <b>2010</b> , 8, 4143-7	89
1137	Molecular, Clinical and Environmental Toxicology. <b>2010</b> ,	8
1136	Highly effective chemosensor for mercury ions based on bispyrenyl derivative. <b>2010</b> , 135, 1600-5	21
1135	Preliminary Investigations of Correlations Between Total Mercury in Tuna and Quality Control, and Mercury Recoveries Using Microwave Digestion. <b>2010</b> , 43, 597-601	1
1134	An ultrasensitive electrochemical sensor for the mercuric ion via controlled assembly of SWCNTs. <b>2011</b> , 47, 10665-7	33
1133	Partition of environmental chemicals between maternal and fetal blood and tissues. <b>2011</b> , 45, 1121-6	277
1132	A versatile water soluble fluorescent probe for ratiometric sensing of Hg2+ and bovine serum albumin. <b>2011</b> , 40, 9737-45	23

1131	Trace Metal(loid)s (As, Cd, Cu, Hg, Pb, PGE, Sb, and Zn) and Their Species. <b>2011</b> , 31-57	3
1130	A Simple Colorimetric Sensor with High Selectivity for Mercury Cation in Aqueous Solution. <b>2011</b> , 186, 2286-2294	5
1129	Human Health Significance of Dietary Exposures to Methylmercury. <b>2011</b> , 545-568	
1128	Ratiometric detection of Hg <sup>2+</sup> ions: an allosterically synchronized Hg <sup>2+</sup> /Li <sup>+</sup> switch based on thiacalix[4]crown. <b>2011</b> , 40, 5170-5	31
1127	Mercury. <b>2011</b> , 451-459	1
1126	Evaluating the availability of fish species on the South African market and the factors undermining sustainability and consumer choice. <b>2011</b> , 22, 1748-1759	14
1125	Lack of association of mercury with risk of wheeze and eczema in Japanese children: the Osaka Maternal and Child Health Study. <b>2011</b> , 111, 1180-4	24
1124	Human co-exposure to mercury vapor and methylmercury in artisanal mercury mining areas, Guizhou, China. <b>2011</b> , 74, 473-9	28
1123	Mercury and DDT exposure risk to fish-eating human populations in Amazon. <b>2011</b> , 37, 56-65	42
1122	Long-term exposure to methylmercury and psychiatric symptoms in residents of Minamata, Japan. <b>2011</b> , 37, 907-13	51
1121	Relationship between the prenatal exposure to low-level of mercury and the size of a newborn's cerebellum. <b>2011</b> , 76, 514-6	33
1120	Bridging epidemiology and model organisms to increase understanding of endocrine disrupting chemicals and human health effects. <b>2011</b> , 127, 108-17	48
1119	Development and applications of fluorogenic probes for mercury(II) based on vinyl ether oxymercuration. <b>2011</b> , 133, 2556-66	155
1118	Thiacalix[4]arene based reconfigurable molecular switches: set-reset memorized sequential device. <b>2011</b> , 9, 8237-45	21
1117	Rhodamine-based probes for metal ion-induced chromo-/fluorogenic dual signaling and their selectivity towards Hg(II) ion. <b>2011</b> , 9, 4467-80	92
1116	Rhodamine-based highly sensitive colorimetric off-on fluorescent chemosensor for Hg <sup>2+</sup> in aqueous solution and for live cell imaging. <b>2011</b> , 9, 2850-5	75
1115	Science and strategies to reduce mercury risks: a critical review. <b>2011</b> , 13, 2389-99	30
1114	Biomonitoring as an intervention against methylmercury exposure. <b>2011</b> , 126, 568-74	7



1113	Exposure Assessment of Mercury and Its Compounds by Dispersion Modeling: A Case Study in the Sea of Japan Coastal Area. <b>2011</b> , 4, ASWR.S6551	
1112	Biochemical factors modulating cellular neurotoxicity of methylmercury. <b>2011</b> , 2011, 721987	15
1111	Plausibility of toxicological interaction between lead and methylmercury. <b>2011</b> , 93, 1423-1462	2
1110	[The interface of public healthcare with the health of the oceans: proliferation of disease, socio-economic impacts and beneficial relationships]. <b>2011</b> , 16, 3469-80	8
1109	Ratiometric fluorescence chemodosimeter for mercuric ions through the Hg(II)-mediated propargyl amide to oxazole transformation. <b>2011</b> , 52, 4775-4778	33
1108	Possible role of serotonergic system in the neurobehavioral impairment induced by acute methylmercury exposure in zebrafish ( <i>Danio rerio</i> ). <b>2011</b> , 33, 727-34	50
1107	Burdens of mercury in residents of Temirtau, Kazakhstan I: hair mercury concentrations and factors of elevated hair mercury levels. <b>2011</b> , 409, 2272-80	33
1106	Mercury and selenium levels in 19 species of saltwater fish from New Jersey as a function of species, size, and season. <b>2011</b> , 409, 1418-29	145
1105	Bioaccumulation of As, Cd, Cr, Hg(II), and MeHg in killifish ( <i>Fundulus heteroclitus</i> ) from amphipod and worm prey. <b>2011</b> , 409, 3438-47	56
1104	Chalcogenophilicity of mercury. <b>2011</b> , 50, 3791-8	24
1103	Simultaneous detection and removal of mercury ions in aqueous solution with fluorescent conjugated polymer-based sensor ensemble. <b>2011</b> , 32, 1061-5	33
1102	A disulfide-linked naphthalimide dimer for Hg(II) detection in aqueous solution. <b>2011</b> , 21, 1343-8	11
1101	Implications of Age, Size and Region on Mercury Contamination in Estuarine Fish Species. <b>2011</b> , 214, 297-306	22
1100	Comparison of nitrofen uptake via water and food and its distribution in tissue of common carp, <i>Cyprinus carpio</i> L. <b>2011</b> , 87, 287-91	9
1099	Mercury distribution in organs of two species of fish from Amazon region. <b>2011</b> , 87, 377-80	5
1098	Luminescent bacteria-based sensing method for methylmercury specific determination. <b>2011</b> , 400, 1041-9	14
1097	Development of an empirical nonlinear model for mercury bioaccumulation in the South and South Fork Shenandoah rivers of Virginia. <b>2011</b> , 61, 614-23	10
1096	Single sensor for two metal ions: colorimetric recognition of Cu <sup>2+</sup> and fluorescent recognition of Hg <sup>2+</sup> . <b>2011</b> , 78, 1168-72	128

1095	Case files of the Emory University Medical Toxicology Fellowship: inhalational mercury toxicity from a traditional Vietnamese product. <b>2011</b> , 7, 295-305	2
1094	Methylmercury and brain development: imprecision and underestimation of developmental neurotoxicity in humans. <b>2011</b> , 78, 107-18	88
1093	A click fluorophore sensor that can distinguish Cu(II) and Hg(II) via selective anion-induced demetallation. <b>2011</b> , 17, 2850-8	63
1092	Rhodamine-based fluorescent sensor for mercury in buffer solution and living cells. <b>2011</b> , 91, 350-355	100
1091	Methionine-pyrene hybrid based fluorescent probe for trace level detection and estimation of Hg(II) in aqueous environmental samples: experimental and computational studies. <b>2011</b> , 186, 738-44	40
1090	Mercury exposure education provided by women's health clinics in Duval County, Florida. <b>2011</b> , 26, 197-204	1
1089	Mercury exposure through diet in pregnant women and women of childbearing age. <b>2011</b> , 93, 2098-2110	1
1088	Coincidental associations do not provide proof for the etiology of autism. <b>2011</b> , 8, 198-203	3
1087	The Ebro River Basin. <b>2011</b> ,	7
1086	A Highly Selective and Sensitive Fluorescent Probe Based on Quinolone Derivative for Hg <sup>2+</sup> in Aqueous Solution. <b>2012</b> , 549, 229-233	
1085	Atmospheric mercury emissions from waste combustions measured by continuous monitoring devices. <b>2012</b> , 62, 686-95	11
1084	Evidence on the human health effects of low-level methylmercury exposure. <b>2012</b> , 120, 799-806	433
1083	Which fish should I eat? Perspectives influencing fish consumption choices. <b>2012</b> , 120, 790-8	127
1082	Methyl mercury exposure at Niigata, Japan: results of neurological examinations of 103 adults. <b>2012</b> , 2012, 635075	15
1081	Environmental determinants of chronic disease and medical approaches: recognition, avoidance, supportive therapy, and detoxification. <b>2012</b> , 2012, 356798	37
1080	Association between early methylmercury exposure and functional health among residents of the Shiranui Sea communities in Japan. <b>2012</b> , 22, 387-400	1
1079	Oxoguanine glycosylase 1 (OGG1) protects cells from DNA double-strand break damage following methylmercury (MeHg) exposure. <b>2012</b> , 128, 272-83	13
1078	Contribution des neurosciences cognitives pour l'étude de l'impact des contaminants environnementaux sur le développement des fonctions cérébrales. <b>2012</b> , 4, 163	

1077	Developmental neurotoxicity: some old and new issues. <b>2012</b> , 2012, 814795	53
1076	Cadmium and lead in Hong Kong school children. <b>2012</b> , 44, 626-31	9
1075	Synergistic toxicity of the environmental neurotoxins methylmercury and $\beta$ -N-methylamino-L-alanine. <b>2012</b> , 23, 216-9	40
1074	Mercury, organic compounds [MAK Value Documentation, 2001]. <b>2012</b> , 124-136	
1073	Modeling of atmospheric dispersion of mercury from coal-fired power plants in Japan. <b>2012</b> , 3, 226-237	6
1072	Scientific Opinion on the risk for public health related to the presence of mercury and methylmercury in food. <b>2012</b> , 10, 2985	441
1071	Mercury. <b>2012</b> , 213-228	
1070	Risk-Benefit Analysis of Seafood Consumption: A Review. <b>2012</b> , 11, 490-517	56
1069	Development of a pyrene based turn on fluorescent chemosensor for Hg <sup>2+</sup> . <b>2012</b> , 2, 10605	98
1068	Alteration of selectivity in rhodamine based probes for Fe(III) and Hg(II) ion induced dual mode signalling responses. <b>2012</b> , 10, 2733-8	30
1067	Evaluating the effects of sub-zero temperature cycling on mercury flux from soils. <b>2012</b> , 63, 102-108	16
1066	Effects of environmental contaminant exposure on visual brain development: a prospective electrophysiological study in school-aged children. <b>2012</b> , 33, 1075-85	46
1065	Mercury exposure and color vision loss of some Koreans in a fishery area. <b>2012</b> , 8, 407-412	0
1064	Benzimidazole-based optical probe for selective detection of multiple-cations via dual-channel analysis. <b>2012</b> , 53, 5691-5694	8
1063	New fluorogenic sensors for Hg <sup>2+</sup> ions: through-bond energy transfer from pentaquinone to rhodamine. <b>2012</b> , 51, 2150-6	84
1062	Long-term changes in fish mercury levels in the historically impacted English-Wabigoon River system (Canada). <b>2012</b> , 14, 2327-37	18
1061	A highly selective and dual responsive test paper sensor of Hg <sup>2+</sup> /Cr <sup>3+</sup> for naked eye detection in neutral water. <b>2012</b> , 2, 3714	83
1060	Methylmercury and Neurotoxicity. <b>2012</b> ,	6

1059	Synthesis and Optical Determination in Rhodamine-Based Chemosensors Toward Hg <sup>2+</sup> . <b>2012</b> , 568, 117-124	1
1058	An infrared spectroscopic based method for mercury(II) detection in aqueous solutions. <b>2012</b> , 728, 57-63	10
1057	Contrasting mercury accumulation patterns in tilapia ( <i>Oreochromis niloticus</i> ) and implications on somatic growth dilution. <b>2012</b> , 114-115, 23-30	22
1056	Methylmercury: a potential environmental risk factor contributing to epileptogenesis. <b>2012</b> , 33, 119-26	16
1055	Glutathione-mediated neuroprotection against methylmercury neurotoxicity in cortical culture is dependent on MRP1. <b>2012</b> , 33, 476-81	28
1054	Hg(II) ion specific dual mode signalling in a thiophene derivatized rhodamine based probe and their complexation cooperativity. <b>2012</b> , 240, 42-49	21
1053	Ultrasensitive detection of toxic cations through changes in the tunnelling current across films of striped nanoparticles. <b>2012</b> , 11, 978-85	187
1052	Piscivorous Mammalian Wildlife as Sentinels of Methylmercury Exposure and Neurotoxicity in Humans. <b>2012</b> , 357-370	10
1051	Environmental mercury in China: a review. <b>2012</b> , 31, 2431-44	76
1050	Prenatal exposure to mercury and fish consumption during pregnancy and attention-deficit/hyperactivity disorder-related behavior in children. <b>2012</b> , 166, 1123-31	130
1049	Biotechnological approaches for phytoremediation. <b>2012</b> , 309-328	31
1048	A bis(rhodamine)-based highly sensitive and selective fluorescent chemosensor for Hg(II) in aqueous media. <b>2012</b> , 36, 1961	27
1047	Mechanisms and Modifiers of Methylmercury-Induced Neurotoxicity. <b>2012</b> , 1, 32-38	28
1046	Marine Environment and Public Health. <b>2012</b> ,	3
1045	A "turn-on" fluorescent Hg <sup>2+</sup> chemosensor based on Ferrier carbocyclization. <b>2012</b> , 14, 820-3	61
1044	Glia and methylmercury neurotoxicity. <b>2012</b> , 75, 1091-101	53
1043	A systematic review of mercury ototoxicity. <b>2012</b> , 28, 1239-48	12
1042	Analysis of methylmercury concentration in the blood of Koreans by using cold vapor atomic fluorescence spectrophotometry. <b>2012</b> , 32, 31-7	16

1041	Quecksilberverbindungen, organische [MAK Value Documentation in German language, 1998]. <b>2012</b> , 1-14	
1040	A simple and efficient dual optical signaling chemodosimeter for toxic Hg(II). <b>2012</b> , 8, 1352-7	3
1039	Veterinary Dysmorphology. <b>2012</b> ,	2
1038	Novel thieno-imidazole based probe for colorimetric detection of Hg <sub>2</sub> <sup>+</sup> and fluorescence turn-on response of Zn <sub>2</sub> <sup>+</sup> . <b>2012</b> , 14, 2564-7	88
1037	High levels of methylmercury in guano and ornithogenic coral sand sediments on Xisha islands, South China sea. <b>2012</b> , 63, 177-88	11
1036	The prenatal toxic effect of methylmercury on the development of the appendicular skeleton of rat fetuses and the protective role of vitamin E. <b>2012</b> , 295, 939-49	10
1035	A BODIPY-based colorimetric and fluorometric chemosensor for Hg(II) ions and its application to living cell imaging. <b>2012</b> , 10, 5410-6	58
1034	Recognition of Hg <sub>2</sub> <sup>+</sup> ion through restricted imine isomerization: crystallographic evidence and imaging in live cells. <b>2012</b> , 14, 2980-3	62
1033	Mercury removal and recovery by immobilized Bacillus megaterium MB1. <b>2012</b> , 6, 192-197	19
1032	A naphthalimide-rhodamine ratiometric fluorescent probe for Hg <sub>2</sub> <sup>+</sup> based on fluorescence resonance energy transfer. <b>2012</b> , 92, 909-915	120
1031	Methyl mercury exposure from fish consumption in vulnerable racial/ethnic populations: probabilistic SHEDS-Dietary model analyses using 1999-2006 NHANES and 1990-2002 TDS data. <b>2012</b> , 414, 373-9	31
1030	Short-term effect of severe exposure to methylmercury on atherosclerotic heart disease and hypertension mortality in Minamata. <b>2012</b> , 417-418, 291-3	8
1029	Unfolding with mercury: anthracene-oxyquinoline dyad as a fluorescent indicator for Hg(II). <b>2012</b> , 53, 3951-3954	14
1028	Mercury-free, small-scale artisanal gold mining in Mozambique: utilization of magnets to isolate gold at clean tech mine. <b>2012</b> , 32, 88-95	31
1027	Remediation of mercury contaminated sites - A review. <b>2012</b> , 221-222, 1-18	163
1026	Cadmium(II) adsorption using functional mesoporous silica and activated carbon. <b>2012</b> , 221-222, 220-7	104
1025	A BODIPY-Based Highly Selective Fluorescent Chemosensor for Hg <sub>2</sub> <sup>+</sup> Ions and Its Application in Living Cell Imaging. <b>2012</b> , 2012, 1158-1163	40
1024	Freshwater fish-consumption relations with total hair mercury and selenium among women in eastern China. <b>2012</b> , 62, 323-32	16

1023	Design and synthesis of a terbium(III) complex-based luminescence probe for time-gated luminescence detection of mercury(II) ions. <b>2012</b> , 22, 261-7	21
1022	Selective sensing of Hg <sup>2+</sup> using rhodamine-thiophene conjugate: red light emission and visual detection of intracellular Hg <sup>2+</sup> at nanomolar level. <b>2013</b> , 261, 198-205	48
1021	Redox control of teratogenesis. <b>2013</b> , 35, 165-79	62
1020	Low level prenatal exposure to methylmercury disrupts neuronal migration in the developing rat cerebral cortex. <b>2013</b> , 304, 57-68	27
1019	The effects of gender, size and life-cycle stage on the chemical composition of smoothhound shark ( <i>Mustelus mustelus</i> ) meat. <b>2013</b> , 93, 2384-92	12
1018	Encyclopedia of Metalloproteins. <b>2013</b> , 1357-1362	
1017	Encyclopedia of Metalloproteins. <b>2013</b> , 1372-1375	
1016	Encyclopedia of Metalloproteins. <b>2013</b> , 1367-1372	
1015	Environmental Toxicology. <b>2013</b> ,	2
1014	Evaluating legacy contaminants and emerging chemicals in marine environments using adverse outcome pathways and biological effects-directed analysis. <b>2013</b> , 74, 517-25	57
1013	Selective colorimetric sensing of toxic metal cations by green synthesized silver nanoparticles over a wide pH range. <b>2013</b> , 3, 16765	76
1012	New chemodosimetric probe for the specific detection of Hg <sup>2+</sup> in physiological condition and its utilisation for cell imaging studies. <b>2013</b> , 42, 15097-105	24
1011	Distributions and determinants of mercury concentrations in toenails among American young adults: the CARDIA Trace Element Study. <b>2013</b> , 20, 1423-30	8
1010	Mercury contamination in aquatic ecosystems under a changing environment: Implications for the Three Gorges Reservoir. <b>2013</b> , 58, 141-149	23
1009	Encyclopedia of Metalloproteins. <b>2013</b> , 1297-1303	5
1008	Mercury concentrations in human placenta, umbilical cord, cord blood and amniotic fluid and their relations with body parameters of newborns. <b>2013</b> , 182, 256-62	36
1007	A selective fluorogenic chemodosimeter for Hg <sup>2+</sup> based on the dimerization of desulfurized product. <b>2013</b> , 69, 10292-10298	17
1006	Global transcriptome analysis of Atlantic cod ( <i>Gadus morhua</i> ) liver after in vivo methylmercury exposure suggests effects on energy metabolism pathways. <b>2013</b> , 126, 314-25	37

1005	Temporal evolution of lead isotope ratios in sediments of the Central Portuguese Margin: a fingerprint of human activities. <b>2013</b> , 74, 274-84	16
1004	Rhodamine-Based Chromo-/Fluorogenic Dual Signalling Probe for Selective Recognition of HgII with Potential Applications for INHIBIT Logic Devices and Cell-Imaging Studies. <b>2013</b> , 2013, 5854-5861	24
1003	Neurophysiologic measures of auditory function in fish consumers: associations with long chain polyunsaturated fatty acids and methylmercury. <b>2013</b> , 38, 147-57	3
1002	Mercury exposed: advances in environmental analysis and ecotoxicology of a highly toxic metal. <b>2013</b> , 32, 2175-8	32
1001	Mercury exposure is associated with negative effects on turtle reproduction. <b>2013</b> , 47, 2416-22	52
1000	Construction of NIR and ratiometric fluorescent probe for Hg <sup>2+</sup> based on a rhodamine-inspired dye platform. <b>2013</b> , 138, 2654-60	71
999	Accumulation of mercury in rice grain and cabbage grown on representative Chinese soils. <b>2013</b> , 14, 1144-51	5
998	Fish consumption during child bearing age: a quantitative risk-benefit analysis on neurodevelopment. <b>2013</b> , 54, 30-4	33
997	Benzazolate complexes of pentacoordinate nickel(II). Synthesis, spectroscopic study and luminescent response towards metal cations. <b>2013</b> , 61, 161-171	9
996	Visual evoked potentials in children prenatally exposed to methylmercury. <b>2013</b> , 37, 15-8	12
995	Increase methylmercury accumulation in Arabidopsis thaliana expressing bacterial broad-spectrum mercury transporter MerE. <b>2013</b> , 3, 52	16
994	Public health department response to mercury poisoning: the importance of biomarkers and risks and benefits analysis for chelation therapy. <b>2013</b> , 9, 308-12	3
993	Influence of a wastewater treatment plant on mercury contamination and sediment characteristics in Vidy Bay (Lake Geneva, Switzerland). <b>2013</b> , 76, 21	5
992	Comparative toxicogenomic responses of mercuric and methyl-mercury. <b>2013</b> , 14, 698	33
991	Gene responses in the central nervous system of zebrafish embryos exposed to the neurotoxicant methyl mercury. <b>2013</b> , 47, 3316-25	58
990	Fluorescent organic nanoparticles (FONs) of rhodamine-appended dipodal derivative: highly sensitive fluorescent sensor for the detection of Hg <sup>2+</sup> in aqueous media. <b>2013</b> , 37, 4192	34
989	Oligonucleotide-mediated aggregation of a cationic conjugated polymer for fluorescent detection of mercury ions in an aqueous medium. <b>2013</b> , 51, 2393-2400	6
988	Preferences of rhodamine coupled (aminoalkyl)-piperazine probes towards Hg(II) ion and their FRET mediated signaling. <b>2013</b> , 11, 4975-92	22

987	Comparison of Two Analytical Methods for the Analysis of Methylmercury in Fish. <b>2013</b> , 6, 157-163	9
986	Rhodamine and BODIPY chemodosimeters and chemosensors for the detection of Hg <sup>2+</sup> , based on fluorescence enhancement effects. <b>2013</b> , 5, 30-49	136
985	Human embryonic stem cell-derived test systems for developmental neurotoxicity: a transcriptomics approach. <b>2013</b> , 87, 123-43	157
984	Effect of lifestyles on the blood mercury level in Korean adults. <b>2013</b> , 32, 591-9	16
983	Relationship between mercury levels in hair and fish consumption in a population living near a hydroelectric tropical dam. <b>2013</b> , 151, 187-94	14
982	A new peptidyl fluorescent chemosensors for the selective detection of mercury ions based on tetrapeptide. <b>2013</b> , 21, 7964-70	20
981	Bacterial heavy metal transporter MerC increases mercury accumulation in Arabidopsis thaliana. <b>2013</b> , 71, 19-24	28
980	Non-toxic fluorescent alaninefluorescein probe with green emission for dual colorimetric/fluorimetric sensing. <b>2013</b> , 269, 17-26	15
979	Advances in mercury stable isotope biogeochemistry. <b>2013</b> , 336, 1-4	42
978	Mercury profiles in surface sediments from ten bays along the coast of Southern China. <b>2013</b> , 76, 394-9	6
977	Response inhibition is impaired by developmental methylmercury exposure: acquisition of low-rate lever-pressing. <b>2013</b> , 253, 196-205	19
976	Tracing anthropogenic Hg and Pb input using stable Hg and Pb isotope ratios in sediments of the central Portuguese Margin. <b>2013</b> , 336, 62-71	66
975	Expression of human oxoguanine glycosylase 1 or formamidopyrimidine glycosylase in human embryonic kidney 293 cells exacerbates methylmercury toxicity in vitro. <b>2013</b> , 271, 41-8	3
974	Influence of socio-demographic and diet determinants on the levels of mercury in preschool children from a Mediterranean island. <b>2013</b> , 182, 291-8	14
973	4-(8-Quinolyl)amino-7-nitro-2,1,3-benzoxadiazole as a new colorimetric probe for rapid and visual detection of Hg <sup>2+</sup> . <b>2013</b> , 105, 29-33	15
972	Sensitivity to methylmercury toxicity is enhanced in oxoguanine glycosylase 1 knockout murine embryonic fibroblasts and is dependent on cellular proliferation capacity. <b>2013</b> , 270, 23-30	2
971	Seafood consumption and blood mercury concentrations in Jamaican children with and without autism spectrum disorders. <b>2013</b> , 23, 22-38	48
970	Highly selective fluorescent sensors for mercury(II) ions and their applications in living cell imaging. <b>2013</b> , 69, 1965-1969	33



969	Lead, mercury, cadmium, chromium, nickel, copper, zinc, calcium, iron, manganese and chromium (VI) levels in Nigeria and United States of America cement dust. <b>2013</b> , 90, 2743-9	48
968	Profiling 976 ToxCast chemicals across 331 enzymatic and receptor signaling assays. <b>2013</b> , 26, 878-95	145
967	Multi-signalling cation sensing behaviour of a bis(pyridin-2-yl methyl)aniline based hetarylazo dye. <b>2013</b> , 778, 79-86	6
966	Methylmercury accumulation in plankton on the continental margin of the northwest Atlantic Ocean. <b>2013</b> , 47, 3671-7	55
965	Long-lasting neurotoxic effects of exposure to methylmercury during development. <b>2013</b> , 273, 490-7	77
964	Encyclopedia of Metalloproteins. <b>2013</b> , 1283-1283	
963	Isolation and characterization of bacteria from mercury contaminated sites in Rio Grande do Sul, Brazil, and assessment of methylmercury removal capability of a <i>Pseudomonas putida</i> V1 strain. <b>2013</b> , 24, 319-31	31
962	A reversible fluorescent chemosensor for mercury ions based on 1H-imidazo[4,5-b]phenazine derivatives. <b>2013</b> , 69, 7981-7987	40
961	Fluorescent and colorimetric magnetic microspheres as nanosensors for Hg <sup>2+</sup> in aqueous solution prepared by a sol-gel grafting reaction and host-guest interaction. <b>2013</b> , 5, 4958-65	66
960	Mercury in foods. <b>2013</b> , 392-413	3
959	A rhodamine-based fluorescent probe for detecting Hg(2+) in a fully aqueous environment. <b>2013</b> , 42, 14819-25	47
958	Toxicity Risks Associated with the Recovery of Bioactive Compounds from Marine Sources. <b>2013</b> , 395-430	
957	Can fish consumption advisories do better? Providing benefit and risk information to increase knowledge. <b>2013</b> , 126, 232-9	15
956	The effect of methylmercury exposure on behavior and cerebellar granule cell physiology in aged mice. <b>2013</b> , 33, 959-69	9
955	Delay and impairment in brain development and function in rat offspring after maternal exposure to methylmercury. <b>2013</b> , 133, 112-24	22
954	Encyclopedia of Metalloproteins. <b>2013</b> , 1410-1410	
953	Critical appraisal of the 1977 diagnostic criteria for Minamata disease. <b>2013</b> , 68, 22-9	12
952	Total mercury in terrestrial systems (air-soil-plant-water) at the mining region of San Joaquín, Queretaro, Mexico. <b>2013</b> , 52, 43-58	18

951	Neurodevelopmental effects of low-level prenatal mercury exposure from maternal fish consumption in a Mediterranean cohort: study rationale and design. <b>2013</b> , 23, 146-52	27
950	Associations of prenatal mercury exposure from maternal fish consumption and polyunsaturated fatty acids with child neurodevelopment: a prospective cohort study in Italy. <b>2013</b> , 23, 360-70	63
949	Heavy Metal Concentrations of Two Highly Migratory Sharks (Prionace Glauca and Isurus Oxyrinchus) in the Southeastern Pacific Waters: Comments on Public Health and Conservation. <b>2013</b> , 6, 126-137	32
948	Speciation and Determination of Tellurium in Water, Soil, Sediment and other Environmental Samples. <b>2013</b> , 535-552	
947	Need for improved risk communication of fish consumption advisories to protect maternal and child health: influence of primary informants. <b>2013</b> , 10, 1720-34	2
946	[Neurological manifestations in riverine populations from areas exposed to mercury in the Brazilian Amazon]. <b>2013</b> , 29, 2307-18	15
945	Occurrence and Mobility of Mercury in Groundwater. <b>2013</b> ,	2
944	The Minamata Convention on Mercury: a first step toward protecting future generations. <b>2013</b> , 121, A304-9	75
943	Dietary predictors of maternal prenatal blood mercury levels in the ALSPAC birth cohort study. <b>2013</b> , 121, 1214-8	66
942	Selection of reliable biomarkers from PCR array analyses using relative distance computational model: methodology and proof-of-concept study. <b>2013</b> , 8, e83954	8
941	Perceived Vulnerability to Disease Predicts Environmental Attitudes. <b>2014</b> , 10,	12
940	Zebrafish as a Model for Developmental Neurotoxicity Assessment: The Application of the Zebrafish in Defining the Effects of Arsenic, Methylmercury, or Lead on Early Neurodevelopment. <b>2014</b> , 2, 464-495	18
939	Microbial Mercury Reduction. <b>2014</b> , 175-197	17
938	. <b>2014</b> ,	6
937	Persistent organic pollutants (POPs) and metals in primiparous women: a comparison from Canada and Mexico. <b>2014</b> , 500-501, 302-13	9
936	Postnatal exposure to methyl mercury and neuropsychological development in 7-year-old urban inner-city children exposed to lead in the United States. <b>2014</b> , 20, 527-38	17
935	Minamata. <b>2014</b> , 340-344	5
934	Synthesis and Fluorescent Properties of a Novel Dansyl-based Fluorescent Probe for Hg <sup>2+</sup> . <b>2014</b> , 38, 108-110	1

933	Effects of early life exposure to methylmercury in <i>Daphnia pulex</i> on standard and reduced food ration. <b>2014</b> , 49, 219-25	9
932	Mercury content in commercially available finfish in the United States. <b>2014</b> , 77, 1361-6	9
931	Molecular field analysis of trophic relationships in soil-dwelling invertebrates to identify mercury, lead and cadmium transmission through forest ecosystems. <b>2014</b> , 23, 3755-66	15
930	Adsorbents Based on Electrospun Nanofibers. <b>2014</b> , 473-495	2
929	Eating fish for two. <b>2014</b> , 39, 181-186	3
928	Menopause and blood mercury levels: the Korea National Health and Nutrition Examination Survey (KNHANES) 2008-2011. <b>2014</b> , 162, 1-7	2
927	Toxic Effects of Mercury. <b>2014</b> ,	7
926	Anatomical mercury speciation in bay scallops by thio-bearing chelating resin concentration and GC-electron capture detector determination. <b>2014</b> , 31, 54-62	2
925	Origin of suspended matter and sediment inferred from the residual metal fraction: Application to the Marennes Oleron Bay, France. <b>2014</b> , 72, 119-130	15
924	Arsenic methylation capacity and developmental delay in preschool children in Taiwan. <b>2014</b> , 217, 678-86	42
923	Alteration in MARCKS phosphorylation and expression by methylmercury in SH-SY5Y cells and rat brain. <b>2014</b> , 37, 1256-63	4
922	Reference levels of blood mercury and association with metabolic syndrome in Korean adults. <b>2014</b> , 87, 501-13	61
921	A highly selective and sensitive naphthalene-based chemodosimeter for Hg <sup>2+</sup> ions. <b>2014</b> , 145, 733-736	29
920	Use of artificial stream mesocosms to investigate mercury uptake in the South River, Virginia, USA. <b>2014</b> , 66, 201-12	4
919	Electrospun Nanofibers for Energy and Environmental Applications. <b>2014</b> ,	52
918	Simple hydrazide-based fluorescent sensors for highly sensitive and selective optical signaling of Cu <sup>2+</sup> and Hg <sup>2+</sup> in aqueous solution. <b>2014</b> , 193, 157-165	29
917	Visual detection and removal of mercury ions by a ferrocene derivative. <b>2014</b> , 55, 3541-3544	10
916	A PEGylated-rhodamine based sensor for turn-on fluorimetric and colorimetric detection of Hg <sup>2+</sup> ions in aqueous media. <b>2014</b> , 6, 3784-3790	19

915	Fetal and perinatal exposure to drugs and chemicals: novel biomarkers of risk. <b>2014</b> , 54, 295-315	16
914	Extremely elevated methyl mercury levels in water, sediment and organisms in a Romanian reservoir affected by release of mercury from a chlor-alkali plant. <b>2014</b> , 49, 391-405	79
913	Detection and spatial mapping of mercury contamination in water samples using a smart-phone. <b>2014</b> , 8, 1121-9	312
912	"Naked-eye" colorimetric and "turn-on" fluorometric chemosensors for reversible Hg <sub>2</sub> <sup>+</sup> detection. <b>2014</b> , 118, 908-14	35
911	New rhodamine dimer probes for mercury detection via color changes and enhancement of the fluorescence emission: Fast recognition in cellulose supported devices. <b>2014</b> , 101, 156-163	36
910	Behavioral effects of developmental methylmercury drinking water exposure in rodents. <b>2014</b> , 28, 117-124	36
909	Functionalized Magnetic Nanoparticles for Heavy Metal Removal from Aqueous Solutions: Kinetics and Equilibrium Modeling. <b>2014</b> , 291-331	1
908	Theoretical Investigation of Rhodamine6G Derivative as Fluorescence Metal Ion Sensor. <b>2014</b> , 155, 126-133	1
907	An unsolved puzzle: the complex interplay between methylmercury and fish oil-derived fatty acids within the cardiovascular system. <b>2014</b> , 3, 300	6
906	Coumarin-based fluorescence hybrid silica material used for selective detection and absorption of Hg <sub>2</sub> <sup>+</sup> in aqueous media. <b>2014</b> , 37, 828-833	2
905	Patterns and source analysis for atmospheric mercury at Auchencorth Moss, Scotland. <b>2014</b> , 16, 1112-23	10
904	A highly selective chemodosimeter for fast detection and intracellular imaging of Hg <sub>2</sub> <sup>+</sup> ions based on a dithiocarbamate-isothiocyanate conversion in aqueous ethanol. <b>2014</b> , 12, 1072-8	25
903	Comparison of Modifiers for Mercury Speciation in Water by Solid Phase Extraction and High Performance Liquid Chromatography-Atomic Fluorescence Spectrometry. <b>2014</b> , 47, 2417-2430	9
902	Metal ion detection by naphthylthiourea derivatives through turn-on excimer emission. <b>2014</b> , 4, 8015	4
901	Glyco-conjugate as selective switch-on molecule for Hg <sub>2</sub> <sup>+</sup> in the presence of albumin proteins, blood serum milieu and on silica gel solid support. <b>2014</b> , 4, 16290	12
900	Novel electrospray ionization-tandem mass spectrometry strategy for monitoring mercury(II) ion based on the competing system of mercury specific DNA and glutathione to mercury(II) ion. <b>2014</b> , 6, 5746-5752	8
899	Electroless nickel coated nano-clay for electrolytic removal of Hg(II) ions. <b>2014</b> , 4, 50614-50623	13
898	A rhodamine based off-on probe for selective detection of Hg(II) and subsequent L-proline and 4-hydroxyproline discrimination. <b>2014</b> , 4, 10118-10122	12

897	Experimental Studies and Mechanism Analysis of High-Sensitivity Luminescent Sensing of Pollutational Small Molecules and Ions in Ln <sub>4</sub> O <sub>4</sub> Cluster Based Microporous Metal-Organic Frameworks. <b>2014</b> , 118, 416-426	276
896	Total and methyl mercury in whole blood measured for the first time in the U.S. population: NHANES 2011-2012. <b>2014</b> , 134, 257-64	68
895	Global mercury emissions from combustion in light of international fuel trading. <b>2014</b> , 48, 1727-35	33
894	XRF scanners as a quick screening tool for detecting toxic pollutant elements in sediments from Marñ harbour in the Rñ de Pontevedra (NW Spain). <b>2014</b> , 86, 458-467	7
893	A specific probe for Hg <sup>2+</sup> to delineate even H <sup>+</sup> in pure aqueous buffer/Hct116 colon cancer cells: Hg(II)-thiopyrene interaction and a TBET-based fluorescence response. <b>2014</b> , 50, 14421-4	37
892	A Schiff base and its copper(II) complex as a highly selective chemodosimeter for mercury(II) involving preferential hydrolysis of aldimine over an ester group. <b>2014</b> , 53, 4944-55	29
891	Ascorbic acid protects against angiogenic-like effect induced by methylmercury in zebrafish: action on the serotonergic system. <b>2014</b> , 11, 365-70	25
890	Residue Avoidance in Aquaculture Production Systems. <b>2014</b> , 161-191	1
889	A novel highly sensitive and selective fluorescent sensor for imaging mercury(II) in living cells. <b>2014</b> , 4, 33614	15
888	Elemental and chemically specific X-ray fluorescence imaging of biological systems. <b>2014</b> , 114, 8499-541	183
887	Label-Free Cysteamine-Capped Silver Nanoparticle-Based Colorimetric Assay for Hg(II) Detection in Water with Subnanomolar Exactitude. <b>2014</b> , 2, 2149-2154	74
886	Mercury speciation in plankton from the Cabo Frio Bay, SE-Brazil. <b>2014</b> , 186, 8141-50	3
885	Parents' preferences for seasonal influenza vaccine for their children in Japan. <b>2014</b> , 32, 5071-6	29
884	Strong enhancement of trace mercury removal from aqueous solution with sodium thiosulfate by in situ formed Mn-(hydr)oxides. <b>2014</b> , 65, 22-31	12
883	Conjugated Polymer Sensors: Design, Principles, and Biological Applications. <b>2014</b> , 79-134	
882	Toxic metals and autophagy. <b>2014</b> , 27, 1887-900	81
881	Ratiometric fluorescence chemosensor based on tyrosine derivatives for monitoring mercury ions in aqueous solutions. <b>2014</b> , 12, 7100-9	18
880	Methylmercury monitoring study in Karakuwacho peninsula area in Japan. <b>2014</b> , 93, 36-41	3

879	A compilation of field surveys on gaseous elemental mercury (GEM) from contrasting environmental settings in Europe, South America, South Africa and China: separating fads from facts. <b>2014</b> , 36, 713-34	42
878	A Novel Ratiometric Fluorescent Mercury Probe Based on Deprotonation-ICT Mechanism. <b>2014</b> , 24, 473-80	23
877	Environmental cadmium exposure impacts physiological responses in Manila clams. <b>2014</b> , 159, 241-53	10
876	A water soluble FRET-based ratiometric chemosensor for Hg(II) and S2 applicable in living cell staining. <b>2014</b> , 4, 14919-14927	39
875	Animal Models of Environmental Manipulations Resulting in Epigenetic Modifications That Increase Risk for Affective Disorders. <b>2014</b> , 181-205	3
874	Development of a Sustainable Enrichment Strategy for Quantification of Mercury Ions in Complex Samples at the Sub-Parts per Billion Level. <b>2014</b> , 53, 14565-14570	3
873	A new highly selective fluorescent sensor for detection of Cd <sup>2+</sup> and Hg <sup>2+</sup> based on two different approaches in aqueous solution. <b>2014</b> , 190, 844-850	32
872	Three-channel ferrocene-based chemosensors for Cu(II) and Hg(II) in aqueous environments. <b>2014</b> , 190, 937-945	29
871	Estimation of the residual total mercury in marine sediments of Minamata Bay after a pollution prevention project. <b>2014</b> , 159, 19-24	13
870	Neurotoxicity from prenatal and postnatal exposure to methylmercury. <b>2014</b> , 43, 39-44	65
869	A highly selective and femto-molar sensitive fluorescence turn-on chemodosimeter for Hg <sup>2+</sup> . <b>2014</b> , 55, 1437-1440	9
868	Negative confounding by essential fatty acids in methylmercury neurotoxicity associations. <b>2014</b> , 42, 85-92	48
867	Highly selective recognition of mercury ions through the naked-eye <b>2014</b> , 46, 43-46	27
866	A highly selective turn-on fluorescence chemosensor for Hg(II) and its application in living cell imaging. <b>2014</b> , 201, 25-30	34
865	A toxic free future: Is there a role for alternatives to mercury in small-scale gold mining?. <b>2014</b> , 62, 113-119	18
864	Dual optical Hg <sup>2+</sup> -selective sensing through FRET system of fluorescein and rhodamine B fluorophores. <b>2014</b> , 278, 75-81	48
863	Reversal of methylmercury-induced oxidative stress, lipid peroxidation, and DNA damage by the treatment of N-acetyl cysteine: a protective approach. <b>2014</b> , 33, 167-82	17
862	Hair mercury concentrations and fish consumption patterns in Florida residents. <b>2014</b> , 11, 6709-26	25

861	Carcinogenicity of Chemicals: Assessment and Human Extrapolation. <b>2014</b> , 1277-1330	3
860	Mercury-induced amyloid-beta (A $\beta$ ) accumulation in the brain is mediated by disruption of A $\beta$ transport. <b>2014</b> , 39, 625-35	25
859	Citrulline enhances methylmercury toxicity in HEK293 and C17.2 cells. <b>2015</b> , 2, 229-231	
858	The toxic elements. <b>2015</b> , 123-152	2
857	Fish and seafood. <b>2015</b> , 621-643	1
856	Metabolomic analysis of low molecular weight substances released into medium from HEK293 cells treated with methylmercury. <b>2015</b> , 2, 227-228	1
855	S-Mercuration of ubiquitin carboxyl-terminal hydrolase L1 through Cys152 by methylmercury causes inhibition of its catalytic activity and reduction of monoubiquitin levels in SH-SY5Y cells. <b>2015</b> , 40, 887-93	9
854	Performance Evaluation of an Improved GC-MS Method to Quantify Methylmercury in Fish. <b>2015</b> , 56, 69-76	5
853	An Ideal Detector Composed of Two-Dimensional Cd(II)-Triazole Frameworks for Nitro-Compound Explosives and Potassium Dichromate. <b>2015</b> , 21, 14171-8	34
852	Prenatal and Postnatal Methylmercury Exposure in Niigata, Japan: Four Cases Descriptive Study. <b>2015</b> , 05,	
851	Relation of Prenatal Methylmercury Exposure from Environmental Sources to Childhood IQ. <b>2015</b> , 123, 827-33	75
850	Atlantic Bottlenose Dolphins () as A Sentinel for Exposure to Mercury in Humans: Closing the Loop. <b>2015</b> , 2, 407-422	18
849	Inorganic mercury sequestration by a poly(ethylene imine) dendrimer in aqueous solution. <b>2015</b> , 20, 3783-90	2
848	Photocatalysis and Bandgap Engineering Using ZnO Nanocomposites. <b>2015</b> , 2015, 1-22	71
847	Effects of trace metal profiles characteristic for autism on synapses in cultured neurons. <b>2015</b> , 2015, 985083	19
846	GNAQPMS-Hg v1.0, a global nested atmospheric mercury transport model: model description, evaluation and application to trans-boundary transport of Chinese anthropogenic emissions. <b>2015</b> , 8, 2857-2876	15
845	A bifunctional colorimetric fluorescent probe for Hg(2+) and Cu(2+) based on a carbazole-pyrimidine conjugate: chromogenic and fluorogenic recognition on TLC, silica-gel and filter paper. <b>2015</b> , 13, 7149-53	27
844	Synthesis and chromogenic behavior exploration of a new calix[4]arene derivative. <b>2015</b> , 12, 1739-1746	4

843	Screening for potentially hazardous PRTR chemicals in the Lake Biwa-Yodo River basin of Japan using a one-box multimedia model. <b>2015</b> , 22, 2757-64	2
842	Hair mercury concentrations and in vitro fertilization (IVF) outcomes among women from a fertility clinic. <b>2015</b> , 51, 125-132	21
841	Health complaints after a malodorous chemical explosion: a longitudinal study. <b>2015</b> , 65, 202-9	5
840	Rapid colorimetric detection of Hg <sup>2+</sup> ion by green silver nanoparticles synthesized using <i>Dahlia pinnata</i> leaf extract. <b>2015</b> , 4,	9
839	A pyrene based Schiff base probe for selective fluorescence turn-on detection of Hg <sup>2+</sup> ions with live cell application. <b>2015</b> , 39, 2523-2531	65
838	A longitudinal study of mercury exposure associated with consumption of freshwater fish from a reservoir in rural south central USA. <b>2015</b> , 136, 155-62	26
837	Mercury and Neurodegeneration. <b>2015</b> , 237-244	1
836	Binol based Turn on fluorescent chemosensor for mercury ion. <b>2015</b> , 162, 8-13	26
835	A highly selective and sensitive benzothiazole-based Turn-on fluorescent sensor for Hg <sup>2+</sup> ion. <b>2015</b> , 131, 32-37	16
834	Two hexaazatriphenylene-pyrene based Hg <sup>2+</sup> fluorescent chemosensors applicable for test paper detection. <b>2015</b> , 39, 2429-2432	14
833	Development of a visual optode sensor for onsite determination of Hg(II). <b>2015</b> , 211, 346-353	19
832	The impact of toxins on the developing brain. <b>2015</b> , 36, 211-30	87
831	Balanced Fatty Acid Intake Benefits and Mercury Exposure Risks: An Integrated Analysis of Chinese Commercial Freshwater Fish and Potential Guidelines for Consumption. <b>2015</b> , 21, 882-899	3
830	Increase in mercury in Pacific yellowfin tuna. <b>2015</b> , 34, 931-4	46
829	A dual-responsive "turn-on" bifunctional receptor: a chemosensor for Fe <sup>3+</sup> and chemodosimeter for Hg <sup>2+</sup> . <b>2015</b> , 44, 7118-22	15
828	Health risk and significance of mercury in the environment. <b>2015</b> , 22, 192-201	70
827	Distribution of mercury in sediments from Kagoshima Bay, Japan, and its relationship with physical and chemical factors. <b>2015</b> , 74, 1175-1188	21
826	Rhodamine derived colorimetric and fluorescence mercury(II) chemodosimeter for human breast cancer cell (MCF7) imaging. <b>2015</b> , 5, 21797-21802	6



825	A highly selective fluorescent sensor for Hg(II) based on an NTe2 chelating motif and its application to living cell imaging. <b>2015</b> , 39, 3551-3557	8
824	A fluorescent turn-on probe for Hg(II) based on an NTe2 chelating motif and its application in living cell imaging. <b>2015</b> , 212, 382-388	15
823	One health and cyanobacteria in freshwater systems: animal illnesses and deaths are sentinel events for human health risks. <b>2015</b> , 7, 1374-95	70
822	Levels of arsenic, cadmium, lead and mercury in the branchial plate and muscle tissue of mobulid rays. <b>2015</b> , 94, 251-9	15
821	Assessing new dimensions of attentional functions in children prenatally exposed to environmental contaminants using an adapted Posner paradigm. <b>2015</b> , 51, 27-34	18
820	A colorimetric silver nanoparticle-based assay for Hg(II) using lysine as a particle-linking reagent. <b>2015</b> , 182, 1977-1981	27
819	Fluorescent magnetic nanosensors for Zn <sup>2+</sup> and CN <sup>-</sup> in aqueous solution prepared from adamantane-modified fluorescein and $\beta$ -cyclodextrin-modified Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> via host-guest interactions. <b>2015</b> , 5, 68815-68821	7
818	Postharvest correlation between swordfish ( <i>Xiphias gladius</i> ) size and mercury concentration in edible tissues. <b>2015</b> , 78, 396-401	4
817	Dual mode signaling responses of a rhodamine based probe and its immobilization onto a silica gel surface for specific mercury ion detection. <b>2015</b> , 44, 15304-15	9
816	Methylmercury exposure and developmental neurotoxicity. <b>2015</b> , 93, 132	6
815	Marine foraging ecology influences mercury bioaccumulation in deep-diving northern elephant seals. <b>2015</b> , 282,	25
814	Priority Environmental Contaminants. <b>2015</b> , 117-169	8
813	A new rhodamine based OFF-ON fluorescent chemosensors for selective detection of Hg <sup>2+</sup> and Al <sup>3+</sup> in aqueous media. <b>2015</b> , 220, 1196-1204	48
812	The Role of Methylmercury Exposure in Neurodevelopmental and Neurodegenerative Disorders. <b>2015</b> , 107-137	0
811	Effect of mercury on porcine ovarian granulosa cells in vitro. <b>2015</b> , 50, 839-45	7
810	A hypothesis about how early developmental methylmercury exposure disrupts behavior in adulthood. <b>2015</b> , 114, 41-51	15
809	Biomonitoring of heavy metals in feathers of eleven common bird species in urban and rural environments of Tiruchirappalli, India. <b>2015</b> , 187, 267	22
808	Barriers to, Efforts in, and Optimization of Integrated One Health Surveillance: A Review and Synthesis. <b>2015</b> , 12, 368-84	16

807	Efficient rhodamine-thiosemicarbazide-based colorimetric/fluorescent turn-on chemodosimeters for the detection of Hg <sup>2+</sup> in aqueous samples. <b>2015</b> , 214, 101-110	57
806	Zeolitic imidazolate framework dispersions for the fast and highly efficient extraction of organic micropollutants. <b>2015</b> , 5, 28203-28210	27
805	Specific detection of mercury(II) ions using AlGaAs/InGaAs high electron mobility transistors. <b>2015</b> , 425, 381-384	5
804	Highly selective fluorescent chemosensors for the detection of Hg <sup>2+</sup> based on photochromic diarylethenes with a terminal terpyridine unit. <b>2015</b> , 71, 3463-3471	8
803	Spatial distribution and temporal trends of mercury and arsenic in remote timberline coniferous forests, eastern of the Tibet Plateau, China. <b>2015</b> , 22, 11658-68	8
802	A fluorescent chemosensor for Hg(2+) and Cd(2+) ions in aqueous medium under physiological pH and its applications in imaging living cells. <b>2015</b> , 54, 3929-36	62
801	Highly sensitive and selective determination of Hg <sup>2+</sup> by using 3-((2-(1H-benzo[d]imidazol-2-yl)phenylimino)methyl)benzene-1,2-diol as fluorescent chemosensor and its application in real water sample. <b>2015</b> , 27, 527-532	14
800	A 2-(2'-hydroxyphenyl)benzothiazole (HBT)-quinoline conjugate: a highly specific fluorescent probe for Hg(2+) based on ESIPT and its application in bioimaging. <b>2015</b> , 44, 20139-46	46
799	Efficient and selective extraction and determination of ultra trace amounts of Hg <sup>2+</sup> using solid phase extraction combined with ion pair based surfactant-assisted dispersive liquid-liquid microextraction. <b>2015</b> , 5, 100511-100521	48
798	Prenatal chemical exposures and child language development. <b>2015</b> , 57, 41-65	31
797	Effect of Intestinal Tapeworm <i>Cleistobothrium crassiceps</i> on Concentrations of Toxic Elements and Selenium in European Hake <i>Merluccius merluccius</i> from the Gulf of Lion (Northwestern Mediterranean Sea). <b>2015</b> , 63, 9349-56	12
796	A transcriptome-based classifier to identify developmental toxicants by stem cell testing: design, validation and optimization for histone deacetylase inhibitors. <b>2015</b> , 89, 1599-618	50
795	Intrauterine Exposure to Methylmercury and Neurocognitive Functions: Minamata Disease. <b>2015</b> , 70, 297-302	18
794	Influences on and patterns in total gaseous mercury (TGM) at Harwell, England. <b>2015</b> , 17, 586-95	3
793	Factors Affecting Antioxidant Response in Fish from a Long-term Mercury-Contaminated Reservoir. <b>2015</b> , 69, 431-9	2
792	Silver nanoparticles as a solid sorbent in ultrasound-assisted dispersive micro solid-phase extraction for the atomic absorption spectrometric determination of mercury in water samples. <b>2015</b> , 30, 2353-2358	29
791	Anthropogenic Pb input into Bohai Bay, China: Evidence from stable Pb isotopic compositions in sediments. <b>2015</b> , 109, 188-197	9
790	Trace elements as paradigms of developmental neurotoxicants: Lead, methylmercury and arsenic. <b>2015</b> , 31, 130-4	48

789	The cooperation of FeSn in a MnOx complex sorbent used for capturing elemental mercury. <b>2015</b> , 140, 803-809	37
788	A highly selective turn-on colorimetric and luminescence sensor based on a triphenylamine-appended ruthenium(II) dye for detecting mercury ion. <b>2015</b> , 26, 580-584	5
787	A novel perylene-bisimide dye as turn on fluorescent sensor for Hg <sup>2+</sup> ion found in DMF/H <sub>2</sub> O. <b>2015</b> , 113, 763-769	43
786	Immunotoxicology of Metals. <b>2015</b> , 379-398	1
785	Principles for Prevention of the Toxic Effects of Metals. <b>2015</b> , 507-528	2
784	Mercury. <b>2015</b> , 1013-1075	23
783	An estimation of mercury concentrations in the local atmosphere of Almad�n (Ciudad Real Province, South Central Spain) during the twentieth century. <b>2015</b> , 22, 4833-41	14
782	Mercury and mercurial salts. <b>2016</b> , 844-852	
781	Characteristics of hand tremor and postural sway in patients with fetal-type Minamata disease. <b>2016</b> , 41, 757-763	1
780	High Levels of Heavy Metals Increase the Prevalence of Sarcopenia in the Elderly Population. <b>2016</b> , 23, 101-9	5
779	Impact of glutamine on the effect of neopterin in methyl mercury-exposed neurons. <b>2016</b> , 29, 104-113	
778	Low-Dose Methylmercury-Induced Apoptosis and Mitochondrial DNA Mutation in Human Embryonic Neural Progenitor Cells. <b>2016</b> , 2016, 5137042	18
777	Mercury in Hair Is Inversely Related to Disease Associated Damage in Systemic Lupus Erythematosus. <b>2015</b> , 13, ijerph13010075	3
776	Rhubarb Anthraquinones Protect Rats against Mercuric Chloride (HgCl <sub>2</sub> )-Induced Acute Renal Failure. <b>2016</b> , 21, 298	17
775	Developmental neurotoxicity test guidelines: problems and perspectives. <b>2016</b> , 41, SP69-SP79	23
774	A silver electrode based surface acoustic wave (SAW) mercury vapor sensor: a physio-chemical and analytical investigation. <b>2016</b> , 6, 36362-36372	14
773	Cadmium(II)-Triazole Framework as a Luminescent Probe for Ca <sup>2+</sup> and Cyano Complexes. <b>2016</b> , 22, 10459-74	49
772	Ojibwe Gichigami (Djibwa� Great Sea) an intersecting history of treaty rights, tribal fish harvesting, and toxic risk in Keweenaw Bay, United States. <b>2016</b> , 8, 365-384	7

771	A Review on Mercury Toxicity in Food. <b>2016</b> , 315-326	0
770	Quantitative analyses of the hepatic proteome of methylmercury-exposed Atlantic cod ( <i>Gadus morhua</i> ) suggest oxidative stress-mediated effects on cellular energy metabolism. <b>2016</b> , 17, 554	21
769	Dysregulation of Glutamate Cycling Mediates Methylmercury-Induced Neurotoxicity. <b>2016</b> , 13, 295-305	6
768	Potentials of Data Mining and Cloud Computing in the Fish Poisoning and Relevant Economic Contexts: A Conceptual Review. <b>2016</b> ,	
767	Distribution pattern of mercury in the Slovenian soil: Geochemical mapping based on multiple geochemical datasets. <b>2016</b> , 167, 38-48	22
766	Mercury, selenium and fish oils in marine food webs and implications for human health. <b>2016</b> , 96, 43-59	61
765	Reducing hazardous heavy metal ions using mangium bark waste. <b>2016</b> , 23, 16631-40	2
764	Developmental Programming, a Pathway to Disease. <b>2016</b> , 157, 1328-40	116
763	A new quinoline-based fluorescent probe for Cd(2+) and Hg(2+) with an opposite response in a 100% aqueous environment and live cell imaging. <b>2016</b> , 45, 8174-81	32
762	Pränatale Entwicklung, Geburt und das Neugeborene. <b>2016</b> , 37-76	
761	Prenatal low-level mercury exposure and infant neurodevelopment at 12 months in rural northern China. <b>2016</b> , 23, 12050-9	11
760	Mercury and neuromotor function among children in a rural town in Chile. <b>2016</b> , 22, 27-35	3
759	Ferrocene-BODIPY PushPull dyad: A common platform for the sensing of Hg 2+ and Cr 3+. <b>2016</b> , 229, 499-505	31
758	The hazardous nature of small scale underground mining in Ghana. <b>2016</b> , 15, 8-25	51
757	Contamination from mercury and other heavy metals in a mining district in Ghana: discerning recent trends from sediment core analysis. <b>2016</b> , 5,	16
756	Highly selective luminescent sensing of xylene isomers by a water stable Zn-organic framework. <b>2016</b> , 69, 1-3	11
755	A microstructural analysis distinguishes motor and motivational influences over voluntary running in animals chronically exposed to methylmercury and nimodipine. <b>2016</b> , 54, 127-139	8
754	A selection of safeguard subjects and state indicators for sustainability assessments. <b>2016</b> , 21, 861-874	13

753	Behavioural and biochemical alterations in <i>Penaeus monodon</i> post-larvae diet-exposed to inorganic mercury. <b>2016</b> , 164, 241-247	5
752	Human exposure and risk assessment associated with mercury pollution in the Caqueta River, Colombian Amazon. <b>2016</b> , 23, 20761-20771	34
751	A new calix[4]arene Schiff base sensor for Hg <sup>2+</sup> and Au <sup>3+</sup> . <b>2016</b> , 13, 2275-2282	5
750	Aging, motor function, and sensitivity to calcium channel blockers: An investigation using chronic methylmercury exposure. <b>2016</b> , 315, 103-14	12
749	Heavy metals in marine fish meat and consumer health: a review. <b>2016</b> , 96, 32-48	281
748	Simultaneous bioremediation and biodetection of mercury ion through surface display of carboxylesterase E2 from <i>Pseudomonas aeruginosa</i> PA1. <b>2016</b> , 103, 383-390	75
747	Paracelsus Revisited: The Dose Concept in a Complex World. <b>2016</b> , 119, 126-32	42
746	Sustainability Science: Field Methods and Exercises. <b>2016</b> ,	1
745	Indole-BODIPY: a Turn-on chemosensor for Hg <sup>2+</sup> with application in live cell imaging. <b>2016</b> , 6, 82810-82816	18
744	Trophic transfer of metal-based nanoparticles in aquatic environments: a review and recommendations for future research focus. <b>2016</b> , 3, 966-981	67
743	Immunotoxic Effect of Low-Dose Methylmercury Is Negligible in Mouse Models of Ovalbumin or Mite-Induced Th2 Allergy. <b>2016</b> , 39, 1353-8	3
742	Extensive study of potential harmful elements (Ag, As, Hg, Sb, and Se) in surface sediments of the Bohai Sea, China: Sources and environmental risks. <b>2016</b> , 219, 432-439	19
741	Prediction model for mercury transfer from soil to corn grain and its cross-species extrapolation. <b>2016</b> , 15, 2393-2402	6
740	Equilibrium, kinetic and thermodynamic biosorption studies of Hg(II) on red algal biomass of <i>Porphyridium cruentum</i> . <b>2016</b> , 9, 179-189	10
739	Methylmercury Exposure in Women of Childbearing Age and Children. <b>2016</b> , 64, 550-555	0
738	Environmental Determinants of Human Health. <b>2016</b> ,	14
737	Unveiling the neurotoxicity of methylmercury in fish ( <i>Diplodus sargus</i> ) through a regional morphometric analysis of brain and swimming behavior assessment. <b>2016</b> , 180, 320-333	19
736	Organic Metal Species as Risk Factor for Neurological Diseases. <b>2016</b> , 97-116	

735	Rhodamine-based chemodosimeter for fluorescent determination of Hg(2+) in 100% aqueous solution and in living cells. <b>2016</b> , 934, 218-25	34
734	A rare case of self-injection of elemental mercury. <b>2016</b> , 9, 189	3
733	Seasonal variation and annual trends of metals and metalloids in the blood of the Little Penguin ( <i>Eudyptula minor</i> ). <b>2016</b> , 110, 261-273	10
732	Secondary sex ratio in regions severely exposed to methylmercury "Minamata disease". <b>2016</b> , 89, 659-65	6
731	Characterization and remediation of contamination: the influences of mining and other human activities. <b>2016</b> , 23, 5997-6001	2
730	Mercury pollution for marine environment at Farwa Island, Libya. <b>2016</b> , 14, 5	11
729	The fatty acid profile of rainbow trout liver cells modulates their tolerance to methylmercury and cadmium. <b>2016</b> , 177, 171-81	11
728	Assessing exposure risks for freshwater tilapia species posed by mercury and methylmercury. <b>2016</b> , 25, 1181-93	7
727	Cognitive deficits at age 22 years associated with prenatal exposure to methylmercury. <b>2016</b> , 74, 358-69	93
726	Highly Hg <sup>2+</sup> -sensitive and selective fluorescent sensors in aqueous solution and sensors-encapsulated polymeric membrane. <b>2016</b> , 6, 10401-10411	26
725	Material Flow for the Intentional Use of Mercury in China. <b>2016</b> , 50, 2337-44	50
724	A colorimetric and turn-on fluorescent chemosensor for selectively sensing Hg <sup>2+</sup> and its resultant complex for fast detection of I <sup>-</sup> . <b>2016</b> , 128, 33-40	20
723	Impact of fetal and childhood mercury exposure on immune status in children. <b>2016</b> , 144, 66-72	22
722	Ln <sup>3+</sup> post-functionalized metal-organic frameworks for color tunable emission and highly sensitive sensing of toxic anions and small molecules. <b>2016</b> , 40, 4654-4661	74
721	Low-level gestational exposure to mercury and maternal fish consumption: Associations with neurobehavior in early infancy. <b>2016</b> , 54, 61-7	15
720	Dual-emitting fluorescent chemosensor based on resonance energy transfer from poly(arylene ether nitrile) to gold nanoclusters for mercury detection. <b>2016</b> , 230, 337-344	33
719	A carbazole based "turn on" fluorescent sensor for selective detection of Hg <sup>2+</sup> in an aqueous medium. <b>2016</b> , 6, 22615-22619	17
718	A highly selective fluorescent and colorimetric chemosensor for Hg <sup>2+</sup> based on a new rhodamine derivative. <b>2016</b> , 8, 1964-1967	23

717	Environmental Influences on the Immune System. <b>2016,</b>	5
716	Immunotoxic Effects of Mercury. <b>2016, 273-302</b>	5
715	A facile "turn-on" fluorescent method with high sensitivity for Hg(2+) detection using magnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles and hybridization chain reactions. <b>2016, 151, 62-67</b>	23
714	Fabrication and application of a ratiometric and colorimetric fluorescent probe for Hg <sup>2+</sup> based on dual-emissive metal-organic framework hybrids with carbon dots and Eu <sup>3+</sup> . <b>2016, 4, 1543-1549</b>	114
713	Pollutants and parasites in bycatch teleosts from south eastern Spanish Mediterranean's fisheries: Concerns relating the foodstuff harnessing. <b>2016, 104, 182-9</b>	5
712	Obesogens: an emerging threat to public health. <b>2016, 214, 559-65</b>	138
711	Genotoxicity and cytotoxicity of chromium, copper, manganese and lead, and their mixture in WIL2-NS human B lymphoblastoid cells is enhanced by folate depletion. <b>2016, 798-799, 35-47</b>	38
710	Selectively detecting Hg <sup>2+</sup> [A mercury quick test]with bis-(coumarin-6thiolene) niccolate. <b>2016, 445, 149-154</b>	11
709	Methylmercury and brain development: A review of recent literature. <b>2016, 38, 99-107</b>	92
708	Protecting health from metal exposures in drinking water. <b>2016, 31, 29-31</b>	1
707	Delayed effects of methylmercury on the mitochondria of dopaminergic neurons and developmental toxicity in zebrafish larvae ( <i>Danio rerio</i> ). <b>2016, 175, 73-80</b>	8
706	Conversion of Waste Styrofoam into Engineered Adsorbents for Efficient Removal of Cadmium, Lead and Mercury from Water. <b>2016, 4, 819-827</b>	40
705	Neurological and neuropsychological functions in adults with a history of developmental arsenic poisoning from contaminated milk powder. <b>2016, 53, 75-80</b>	28
704	A reversible biocompatible "turn-on" fluorescent probe for the detection of mercury(II). <b>2016, 170, 187-193</b>	8
703	ZnO decorated with organic nanoparticles based sensor for the ratiometric selective determination of mercury ions. <b>2016, 40, 1529-1534</b>	10
702	A rhodamine B-based fluorescent sensor toward highly selective mercury (II) ions detection. <b>2016, 150, 14-9</b>	50
701	Assessing water quality of five typical reservoirs in lower reaches of Yellow River, China: Using a water quality index method. <b>2016, 61, 309-316</b>	60
700	Trans-generational transmission of neurobehavioral impairments produced by developmental methylmercury exposure in zebrafish ( <i>Danio rerio</i> ). <b>2016, 53, 19-23</b>	11

699	Fluorescent detection and imaging of Hg(2+) using a novel phenanthroline derivative based single- and two-photon excitation. <b>2016</b> , 59, 916-923	11
698	Neurological and neurocognitive functions from intrauterine methylmercury exposure. <b>2016</b> , 71, 170-7	5
697	Highly sensitive and selective Hg <sup>2+</sup> -chemosensor based on dithia-cyclic fluorescein for optical and visual-eye detections in aqueous buffer solution. <b>2016</b> , 224, 201-208	33
696	Heavy metal accumulation and toxicity in smoothhound ( <i>Mustelus mustelus</i> ) shark from Langebaan Lagoon, South Africa. <b>2016</b> , 190, 871-878	38
695	Coupling fishery dynamics, human health and social learning in a model of fish-borne pollution exposure. <b>2016</b> , 11, 179-192	3
694	Human exposure to methylmercury from crayfish ( <i>Procambarus clarkii</i> ) in China. <b>2016</b> , 38, 169-81	13
693	Low-level mercury, omega-3 index and neurobehavioral outcomes in an adult US coastal population. <b>2016</b> , 55, 699-711	3
692	Fingerprinting of neurotoxic compounds using a mouse embryonic stem cell dual luminescence reporter assay. <b>2017</b> , 91, 365-391	11
691	Long-term consequences of prenatal stress and neurotoxicants exposure on neurodevelopment. <b>2017</b> , 155, 21-35	36
690	Carbon-Based Functional Materials Derived from Waste for Water Remediation and Energy Storage. <b>2017</b> , 29, 1605361	221
689	A proficient magnetic nano-platform with covalently assembled methyl red indicator for the dual recognition of pH and Hg <sup>2+</sup> . <b>2017</b> , 244, 861-875	19
688	Highly sensitive and fast responsive turn-on fluorescent sensor for selectively sensing Fe <sup>3+</sup> and Hg <sup>2+</sup> in aqueous media based on an oligothiophene derivative and its application in real water samples. <b>2017</b> , 244, 500-508	55
687	Immunotoxicity of mercury: Pathological and toxicological effects. <b>2017</b> , 35, 29-46	28
686	Nano-engineered surfaces for mercury vapor sensing: Current state and future possibilities. <b>2017</b> , 88, 77-99	22
685	General Sensitive Detecting Strategy of Ions through Plasmonic Resonance Energy Transfer from Gold Nanoparticles to Rhodamine Spirolactam. <b>2017</b> , 89, 1808-1814	30
684	Elemental metabolomics. <b>2018</b> , 19, 524-536	11
683	DNA Modified FeO@Au Magnetic Nanoparticles as Selective Probes for Simultaneous Detection of Heavy Metal Ions. <b>2017</b> , 9, 3940-3947	173
682	Detection of Hg <sup>2+</sup> and Cs <sup>+</sup> with a Rhodamine Based Sensor and Ethoxy Substituted Dihydroimidazole Ring Formation Associated with the Reduction of Hg <sup>2+</sup> to Hg. <b>2017</b> , 2, 1106-1110	14



681	Methylmercury exposure and cognitive abilities and behavior at 10years of age. <b>2017</b> , 102, 97-105	18
680	Direct analysis of gaseous mercury in ambient air by gas to particle conversion-gas exchange ICPMS. <b>2017</b> , 32, 717-722	10
679	Mechanistic insight into neurotoxicity induced by developmental insults. <b>2017</b> , 482, 408-418	20
678	Metal ion binding by laterally non-symmetric macrobicyclic oxa-aza cryptands. <b>2017</b> , 46, 5742-5775	12
677	Elemental mercury vapor chemoresistors employing TiO <sub>2</sub> nanofibers photocatalytically decorated with Au-nanoparticles. <b>2017</b> , 247, 957-967	9
676	Mercury health risk assessment among a young adult Lebanese population. <b>2017</b> , 24, 9370-9378	3
675	Serum heavy metals and lung function in a chronic obstructive pulmonary disease cohort. <b>2017</b> , 9, 30-35	16
674	A rhodamine-based chemosensor with diphenylselenium for highly selective fluorescence turn-on detection of Hg <sup>2+</sup> in vitro and in vivo. <b>2017</b> , 7, 21733-21739	25
673	A new 4-Amino-7-Nitro-2,1,3-Benzoxadiazole (ANBD)-Based Fluorescent Probe for the Detection of Hg. <b>2017</b> , 27, 1739-1745	1
672	Evaluating health risks posed by heavy metals to humans consuming blood cockles ( <i>Anadara granosa</i> ) from the Upper Gulf of Thailand. <b>2017</b> , 24, 14605-14615	12
671	Optimization of Mercury Health Surveillance Program for Offshore Workers. <b>2017</b> ,	1
670	A reactive primary fluorescence switch-on sensor for Hg <sup>2+</sup> and the generated fluorophore as secondary recognition receptor toward Cu <sup>2+</sup> in aqueous acetonitrile solution. <b>2017</b> , 343, 7-16	6
669	A benzothiazole-based fluorescent probe for distinguishing and bioimaging of Hg and Cu. <b>2017</b> , 954, 97-104	95
668	A Complementary Metal-Displacement Solid-Phase Extraction Strategy for the Sensitive and Selective Colorimetric Detection of Hg <sup>2+</sup> . <b>2017</b> , 2, 4951-4955	
667	Dietary ascorbic acid reduced micronucleus and nuclear abnormalities in <i>Clarias gariepinus</i> (Burchell 1822) exposed to hospital effluent. <b>2017</b> , 43, 1325-1335	9
666	Metal Resistance and Its Association With Antibiotic Resistance. <b>2017</b> , 70, 261-313	144
665	A novel "turn-on" thioxofluorescein-based colorimetric and fluorescent sensor for Hg and its application in living cells. <b>2017</b> , 170, 103-110	26
664	Association of blood heavy metals with developmental delays and health status in children. <b>2017</b> , 7, 43608	20

663	Anthropogenic mercury emissions from 1980 to 2012 in China. <b>2017</b> , 226, 230-239	62
662	Persistent DNA methylation changes associated with prenatal mercury exposure and cognitive performance during childhood. <b>2017</b> , 7, 288	71
661	Environmental Justice and Underserved Communities. <b>2017</b> , 44, 155-170	5
660	Adaptive Soil Management : From Theory to Practices. <b>2017</b> ,	12
659	Wastewater in Agriculture: Possibilities and Limitations. <b>2017</b> , 215-225	
658	Associations between omega-3 fatty acids, selenium content, and mercury levels in wild-harvested fish from the Dehcho Region, Northwest Territories, Canada. <b>2017</b> , 80, 18-31	19
657	Highly selective and quantitative colorimetric detection of mercury(II) ions by carrageenan-functionalized Ag/AgCl nanoparticles. <b>2017</b> , 160, 90-96	39
656	Chemical pollution and seafood safety, with a focus on mercury: The case of Pearl River Delta, South China. <b>2017</b> , 7, 63-76	10
655	Open-Chain Crown-Ether-Derived Two-Photon Fluorescence Probe for Real-Time Dynamic Biopsy of Mercury Ions. <b>2017</b> , 70, 705	1
654	Environmental chemistry in the twenty-first century. <b>2017</b> , 15, 329-346	64
653	Temporal trends of infant and birth outcomes in Minamata after severe methylmercury exposure. <b>2017</b> , 231, 1586-1592	9
652	Characteristics and trends on global environmental monitoring research: a bibliometric analysis based on Science Citation Index Expanded. <b>2017</b> , 24, 26079-26091	11
651	Exposure to Electrophiles Impairs Reactive Persulfide-Dependent Redox Signaling in Neuronal Cells. <b>2017</b> , 30, 1673-1684	28
650	Quinoline-based highly selective and sensitive fluorescent probe specific for Cd <sup>2+</sup> detection in mixed aqueous media. <b>2017</b> , 58, 3868-3874	15
649	A 3-step chemiluminescence method for chemical oxygen demand measurement with dichromate oxidizing reagent. <b>2017</b> , 9, 5797-5805	3
648	Automation Systems with Central System Integrator. <b>2017</b> , 93-166	
647	Methylmercury augments Nrf2 activity by downregulation of the Src family kinase Fyn. <b>2017</b> , 62, 200-206	31
646	A Mercury Toxicity Case Complicated by Hyponatremia and Abnormal Endocrinological Test Results. <b>2017</b> , 140,	6

645	A total diet study and probabilistic assessment risk assessment of dietary mercury exposure among First Nations living on-reserve in Ontario, Canada. <b>2017</b> , 158, 409-420	18
644	Gestational Age and Sex Influence the Susceptibility of Human Neural Progenitor Cells to Low Levels of MeHg. <b>2017</b> , 32, 683-693	18
643	Acute toxic effects of zinc and mercury on survival, standard metabolism, and metal accumulation in juvenile ridgetail white prawn, <i>Exopalaemon carinicauda</i> . <b>2017</b> , 145, 549-556	16
642	Environmental Pollutants and Neurodevelopment: Review of Benefits From Closure of a Coal-Burning Power Plant in Tongliang, China. <b>2017</b> , 4, 2333794X17721609	9
641	Critical evaluation of distillation procedure for the determination of methylmercury in soil samples. <b>2017</b> , 186, 570-575	4
640	Wealth Creation without Pollution: Designing for Industry, Ecobusiness Parks and Industrial Estates. <b>2017</b> ,	
639	Sequestosome1/p62 protects mouse embryonic fibroblasts against low-dose methylmercury-induced cytotoxicity and is involved in clearance of ubiquitinated proteins. <b>2017</b> , 7, 16735	7
638	Probing Surface Functionality on Amorphous Carbons Using X-ray Photoelectron Spectroscopy of Bound Metal Ions. <b>2017</b> , 121, 26300-26307	8
637	Overview of Neurotoxicology. <b>2017</b> , 74, 11.1.1-11.1.11	6
636	Adsorption of mercury (II) from aqueous solutions using FeS and pyrite: A comparative study. <b>2017</b> , 185, 452-461	64
635	A novel ratiometric fluorescent probe for selective detection of Hg <sup>2+</sup> , Cr <sup>3+</sup> and Al <sup>3+</sup> and its bioimaging application in living cells. <b>2017</b> , 253, 1055-1062	30
634	The dynamics of mercury near Idrija mercury mine, Slovenia: Horizontal and vertical distributions of total, methyl, and ethyl mercury concentrations in soils. <b>2017</b> , 184, 244-252	25
633	Spatial and temporal distribution of mercury and methylmercury in bivalves from the French coastline. <b>2017</b> , 114, 1096-1102	24
632	Prenatal exposure to low-level methylmercury alters the child's fine motor skills at the age of 18 months. <b>2017</b> , 152, 369-374	25
631	Mechanisms involved in the transport of mercuric ions in target tissues. <b>2017</b> , 91, 63-81	89
630	An investigation of the effects of elevated phosphorus in water on the release of heavy metals in sediments at a high resolution. <b>2017</b> , 575, 330-337	35
629	Marine Pollution and Microbial Remediation. <b>2017</b> ,	4
628	Selenium Pollution in the Marine Environment and Marine Bacteria in Selenium Bioremediation. <b>2017</b> , 223-237	1

627	Current progress on understanding the impact of mercury on human health. <b>2017</b> , 152, 419-433	207
626	Through-bond energy transfer based dyad and triad shape fluorescence $\text{OFF-ON-OFF}$ probes for $\text{Hg}^{2+}$ ions and their application in live HeLa cells and Zebrafish. <b>2017</b> , 240, 1272-1282	15
625	Primary Prevention of Congenital Anomalies: Special Focus on Environmental Chemicals and other Toxicants, Maternal Health and Health Services and Infectious Diseases. <b>2017</b> , 1031, 301-322	7
624	Behavior Science and Environmental Health Policy: Methylmercury as an Exemplar. <b>2017</b> , 4, 96-103	1
623	Colorimetric Detection of Mercury(II) Ion in Aqueous Solution Using Silver Nanoparticles. <b>2017</b> , 33, 831-837	74
622	A 3-Step Chemiluminescence Method for Chemical Oxygen Demand Measurement. <b>2017</b> , 33, 931-938	10
621	Mercury Distribution in the Processing of Jatiroto Gold Mine Wonogiri Central Java Indonesia. <b>2017</b> , 71, 012023	
620	Plant mediated detoxification of mercury and lead. <b>2017</b> , 10, S2335-S2342	81
619	Small interfering RNA-mediated knockdown of the transcription factor TCF3 enhances sensitivity to methylmercury in mouse neural stem cells. <b>2017</b> , 4, 41-43	3
618	Mercury in Children: Current State on Exposure through Human Biomonitoring Studies. <b>2017</b> , 14,	27
617	An Enigmatic Case of Acute Mercury Poisoning: Clinical, Immunological Findings and Platelet Function. <b>2017</b> , 8, 517	4
616	Neurodevelopmental Disorders and Environmental Toxicants: Epigenetics as an Underlying Mechanism. <b>2017</b> , 2017, 7526592	69
615	Programming Long-Term Health: Maternal and Fetal Nutrition and Diet Needs. <b>2017</b> , 375-411	3
614	Mercury. <b>2017</b> , 583-594	
613	Macrobicyclic Cryptands With Laterally Nonsymmetric Donors. <b>2017</b> , 117-179	2
612	Fluorescence quenching of MoS nanosheets/DNA/silicon dot nanoassembly: effective and rapid detection of Hg ions in aqueous solution. <b>2018</b> , 25, 10567-10576	13
611	Logic gate-based Rhodamine-methionine conjugate highly sensitive fluorescent probe for $\text{Hg}^{2+}$ ion and its application: An experimental and theoretical study. <b>2018</b> , 263, 298-311	24
610	Editor's Highlight: Variation in Methylmercury Metabolism and Elimination Status in Humans Following Fish Consumption. <b>2018</b> , 161, 443-453	19

609	Mercury-associated diagnoses among children diagnosed with pervasive development disorders. <b>2018</b> , 33, 949-960	1
608	Mercury bioremediation by mercury resistance transposon-mediated in situ molecular breeding. <b>2018</b> , 102, 3037-3048	19
607	Multicoloured fluorescent indicators for live-cell and in vivo imaging of inorganic mercury dynamics. <b>2018</b> , 121, 26-37	2
606	Understanding environmental contributions to autism: Causal concepts and the state of science. <b>2018</b> , 11, 554-586	69
605	Importance of accurate trophic level determination by nitrogen isotope of amino acids for trophic magnification studies: A review. <b>2018</b> , 238, 677-690	26
604	Drivers of the accumulation of mercury and organochlorine pollutants in Mediterranean lean fish and dietary significance. <b>2018</b> , 634, 170-180	14
603	The environmental impact of dental amalgam and resin-based composite materials. <b>2018</b> , 224, 542-548	21
602	Surface sodium lignosulphonate-immobilized sawdust particle as an efficient adsorbent for capturing Hg from aqueous solution. <b>2018</b> , 517, 9-17	9
601	Rhodamine-fluorene based dual channel probe for the detection of Hg <sup>2+</sup> ions and its application in digital printing. <b>2018</b> , 261, 545-552	28
600	Comparative neurotoxicity study of mercury-based inorganic compounds including Ayurvedic medicines Rasasindura and Kajjali in zebrafish model. <b>2018</b> , 66, 25-34	10
599	Synthesis of a single 1,8-naphthalimide fluorophore as a molecular logic lab for simultaneously detecting of Fe, Hg and Cu. <b>2018</b> , 196, 76-82	20
598	Foraging and fasting can influence contaminant concentrations in animals: an example with mercury contamination in a free-ranging marine mammal. <b>2018</b> , 285,	12
597	Environmentally Friendly Inorganic Magnetic Sulfide Nanoparticles for Efficient Adsorption-Based Mercury Remediation from Aqueous Solution. <b>2018</b> , 3, 1840-1851	7
596	Methylmercury exposure causes a persistent inhibition of myogenin expression and C2C12 myoblast differentiation. <b>2018</b> , 393, 113-122	9
595	Colorimetric metal ion sensors [A comprehensive review of the years 2011-2016]. <b>2018</b> , 358, 13-69	248
594	Fluorescent chemosensor based on urea/thiourea moiety for sensing of Hg(II) ions in an aqueous medium with high sensitivity and selectivity: A comparative account on effect of molecular architecture on chemosensing. <b>2018</b> , 1161, 34-43	14
593	Histidine-dialkoxanthracene dyad for selective and sensitive detection of mercury ions. <b>2018</b> , 30, 345-350	
592	Colorimetric and fluorescent sensing of a new FRET system via [5]helicene and rhodamine 6G for Hg <sup>2+</sup> detection. <b>2018</b> , 42, 1396-1402	20

591	Green synthesis of ZnO hollow microspheres and ZnO/rGO nanocomposite using red rice husk extract and their photocatalytic performance. <b>2018</b> , 5, 095012	17
590	A multi-chemosensor based on Zn-MOF: Ratio-dependent color transition detection of Hg (II) and highly sensitive sensor of Cr (VI). <b>2018</b> , 269, 164-172	60
589	References. <b>2018</b> , 694-840	
588	Brain morphometric profiles and their seasonal modulation in fish ( <i>Liza aurata</i> ) inhabiting a mercury contaminated estuary. <b>2018</b> , 237, 318-328	6
587	Saint Ioannis Lampadistis, the first possible case of blindness due to organic mercury poisoning in history. <b>2018</b> , 26, 207-210	2
586	Hazardous properties and toxicological update of mercury: From fish food to human health safety perspective. <b>2018</b> , 58, 1986-2001	43
585	Vulnerability associated with "symptoms similar to those of mercury poisoning" in communities from Xingu River, Amazon basin. <b>2018</b> , 40, 1145-1154	8
584	The Lancet Commission on pollution and health. <b>2018</b> , 391, 462-512	1639
583	Mercury pollution by gold mining in a global biodiversity hotspot, the Choco biogeographic region, Colombia. <b>2018</b> , 193, 421-430	43
582	A selective turn-on fluorescent sensor for Hg (II) in living cells and tissues. <b>2018</b> , 255, 3479-3487	40
581	Mercury Concentrations in Fresh and Canned Tuna: A Review. <b>2018</b> , 26, 111-120	8
580	Developmental neurotoxicity of the hippocampus following in utero exposure to methylmercury: impairment in cell signaling. <b>2018</b> , 92, 513-527	18
579	Fluorogenic mercury ion sensor based on pyrene-amino mercapto thiadiazole unit. <b>2018</b> , 343, 98-106	42
578	Epigenetic mechanisms in developmental neurotoxicity. <b>2018</b> , 66, 94-101	12
577	Engineering highly sensitive whole-cell mercury biosensors based on positive feedback loops from quorum-sensing systems. <b>2018</b> , 143, 630-634	26
576	Increases of Total Mercury and Methylmercury Releases from Municipal Sewage into Environment in China and Implications. <b>2018</b> , 52, 124-134	45
575	Oxidative stress during development: Chemical-induced teratogenesis. <b>2018</b> , 7, 110-115	8
574	Bioaccumulation of Mercury in Aquatic Food Chains. <b>2018</b> , 339-389	3

573	Risk of subsequent attention-deficit/hyperactivity disorder among children and adolescents with amalgam restorations: A nationwide longitudinal study. <b>2018</b> , 46, 47-53	6
572	Mercaptobenzoheterocyclic compounds functionalized silver nanoparticle, an ultrasensitive colorimetric probe for Hg(II) detection in water with picomolar precision: A correlation between sensitivity and binding affinity. <b>2018</b> , 255, 210-216	35
571	Toxicology of the Nervous System. <b>2018</b> ,	
570	Simultaneous sub-picogram speciation of methylmercury and ethylmercury in caustic nuclear tank waste using direct aqueous propylation. <b>2018</b> , 318, 97-106	
569	Environmental chemical exposures and neurodevelopmental impairments in children. <b>2018</b> , 1, 9-9	9
568	Comparative Screening Analytic Methods for Elderly of Blood Methylmercury Concentration between Two Analytical Institutions. <b>2018</b> , 2018, 2509413	3
567	Excited-state intramolecular proton-transfer (ESIPT) based fluorescence sensors and imaging agents. <b>2018</b> , 47, 8842-8880	599
566	Selective and sensitive fluorescent probes for metal ions based on AIE dots in aqueous media. <b>2018</b> , 6, 11261-11265	22
565	Graphene, electrospun membranes and granular activated carbon for eliminating heavy metals, pesticides and bacteria in water and wastewater treatment processes. <b>2018</b> , 143, 5629-5645	45
564	Senegalese artisanal gold mining leads to elevated total mercury and methylmercury concentrations in soils, sediments, and rivers. <b>2018</b> , 6,	20
563	A novel fluorescent probe for Hg <sup>2+</sup> detection in a wide pH range and its application in living cell imaging. <b>2018</b> , 10, 5554-5558	7
562	Mercury Speciation in Foods. <b>2018</b> , 1-19	
561	Assessment of Cardiac Autonomic Function in Relation to Methylmercury Neurotoxicity. <b>2018</b> , 6,	6
560	Lung Function Assessment as an Early Biomonitor of Mercury-Induced Health Disorders in Artisanal and Small-Scale Gold Mining Areas in Indonesia. <b>2018</b> , 15,	8
559	Dual-Emission Fluorescent Microspheres for the Detection of Biothiols and Hg. <b>2018</b> , 11,	4
558	Novel Multifunctional Luminescent Electrospun Fluorescent Nanofiber Chemosensor-Filters and Their Versatile Sensing of pH, Temperature, and Metal Ions. <b>2018</b> , 10,	13
557	2D and 3D carbon-based adsorbents for an efficient removal of Hg(II) ions: A review. <b>2018</b> , 11, 1-14	15
556	Historical Trends of Academic Research on the Water Environment in Japan: Evidence from the Academic Literature in the Past 50 Years. <b>2018</b> , 10, 1456	1

555	Research Progress on Gas to Particle Conversion-Gas Exchange ICP-MS for Direct Analysis of Ultra-trace Metallic Compound Gas. <b>2018</b> , 34, 657-666	6
554	Review Electrochemical Sensors and Biosensors for Determination of Mercury Ions. <b>2018</b> , 165, B824-B834	20
553	Fluorescent imidazole-based chemosensors for the reversible detection of cyanide and mercury ions. <b>2018</b> , 17, 1450-1461	20
552	Insights and Issues into the Impacts of Urban Pollution. <b>2018</b> , 1-6	
551	Biogreen Synthesis of Carbon Dots for Biotechnology and Nanomedicine Applications. <b>2018</b> , 10, 72	83
550	A Case of Mercury Toxicity Complicated by Acute Inflammatory Demyelinating Polyneuropathy. <b>2018</b> , 33, 817-819	5
549	Ingestion of inorganic mercury by juvenile black tiger prawns ( <i>Penaeus monodon</i> ) alters biochemical markers. <b>2018</b> , 27, 1225-1236	3
548	A novel nanomolar highly selective fluorescent probe for imaging mercury (II) in living cells and zebrafish. <b>2018</b> , 277, 673-678	14
547	Electrochemical Detection of Hg(II) in Environmental Water Samples Based on Multiwalled Carbon Nanotube Reduced Graphene Oxide Hybrid Film. <b>2018</b> , 40, 213-218	3
546	Lead, Mercury, and Cadmium Exposure in the Korean General Population. <b>2018</b> , 33, e9	19
545	Encyclopedia of Geochemistry. <b>2018</b> , 878-892	
544	Glutathione has a more important role than metallothionein-I/II against inorganic mercury-induced acute renal toxicity. <b>2018</b> , 43, 275-280	14
543	A New Composite Electrode Applied for Studying the Electrochemistry of Insoluble Particles: HgS. <b>2018</b> , 24, 10208	
542	Time-series analysis of excess mercury in China. <b>2018</b> , 20, 1483-1498	3
541	Selective and reversible recognition of Hg ions by Tetrathia[22]porphyrin(2.1.2.1). <b>2018</b> , 205, 534-539	3
540	Survey of the Extent of the Persisting Effects of Methylmercury Pollution on the Inhabitants around the Shiranui Sea, Japan. <b>2018</b> , 6,	9
539	Chemokine CCL4 Induced in Mouse Brain Has a Protective Role against Methylmercury Toxicity. <b>2018</b> , 6,	8
538	Methylmercury alters the number and topography of NO-synthase positive neurons in embryonic retina: Protective effect of alpha-tocopherol. <b>2018</b> , 53, 89-98	0



537	Notch Target Gene E(spl)m̄Is a Mediator of Methylmercury-Induced Myotoxicity in. <b>2017</b> , 8, 233	14
536	Ship-Based Measurements of Atmospheric Mercury Concentrations over the Baltic Sea. <b>2018</b> , 9, 56	2
535	Mercury Levels in Women and Children from Interior Villages in Suriname, South America. <b>2018</b> , 15,	13
534	Mutagenicity and Genotoxicity Testing in Environmental Pollution Control. <b>2018</b> , 113-132	5
533	Dynamically modified C silica monolithic column for the rapid determinations of lead, cadmium and mercury ions by reversed-phase high-performance liquid chromatography. <b>2018</b> , 1569, 62-69	23
532	A systematic series of fluorescence chemosensors with multiple binding sites for Hg(II) based on pyrenyl-functionalized cyclotriphosphazenes and their application in live cell imaging. <b>2018</b> , 42, 14219-14228	33
531	Traditional Tibetan Medicine Induced High Methylmercury Exposure Level and Environmental Mercury Burden in Tibet, China. <b>2018</b> , 52, 8838-8847	12
530	Consideration of Host Nation Laws and Regulations by Japanese MNEs. <b>2018</b> , 726-734	
529	Encyclopedia of Geochemistry. <b>2018</b> , 841-853	
528	Thiosulfate amendment reduces mercury accumulation in rice ( <i>Oryza sativa</i> L.). <b>2018</b> , 430, 413-422	19
527	A rhodamine hydrazide-4-nitroindole-3-carboxaldehyde based turn on Hg <sup>2+</sup> chemosensor: cytoplasmic live cell imaging, logic gate and memory device applications and computational studies. <b>2018</b> , 71, 2065-2081	1
526	The Effects of Sub-lethal Dietary Mercury on Growth Performance, Bioaccumulation, and Activities of Antioxidant Enzymes in Sea Cucumber, <i>Apostichopus japonicus</i> . <b>2018</b> , 100, 683-689	4
525	Lessons learned from previous environmental health crises: Narratives of patients with Minamata disease in TV documentaries as the main media outlet. <b>2018</b> , 5, 1447780	4
524	A multi-responsive thiosemicarbazone-based probe for detection and discrimination of group 12 metal ions and its application in logic gates. <b>2018</b> , 42, 15157-15169	15
523	Ecotoxicology of the Sirenia in the Twenty-First Century. <b>2018</b> , 429-456	1
522	Impacts of farmed fish consumption and food trade on methylmercury exposure in China. <b>2018</b> , 120, 333-344	42
521	Magnetic Rattle-Type Fe <sub>3</sub> O <sub>4</sub> @CuS Nanoparticles as Recyclable Sorbents for Mercury Capture from Coal Combustion Flue Gas. <b>2018</b> , 1, 4726-4736	72
520	Accelerated functional losses in ageing congenital Minamata disease patients. <b>2018</b> , 69, 49-53	11

- 519 Food Contamination: From Food Degradation to Food-Borne Diseases. **2018**, 431-456
- 518 Benzo[e]indolium derivatives in aqueous solutions: Reaction with bisulfite and successive interaction with Cu and Hg. **2018**, 202, 324-332 2
- 517 Toxic metal(loid)-based pollutants and their possible role in autism spectrum disorder. **2018**, 166, 234-250 50
- 516 Current Approaches to Risk Assessment for Developmental Neurotoxicity. **2018**, 511-526
- 515 Neurodevelopmental Effects of Mercury. **2018**, 2, 27-86 16
- 514 A reversible fluorescent chemosensor for the rapid detection of Hg<sup>2+</sup> in an aqueous solution: Its logic gates behavior. **2018**, 273, 305-315 52
- 513 Triple detection modes for Hg<sup>2+</sup> sensing based on a NBD-fluorescent and colorimetric sensor and its potential in cell imaging. **2018**, 42, 12412-12420 9
- 512 A red-emitting fluorescent probe for the detection of Hg in aqueous medium, living cells and organisms with a large Stokes shift. **2018**, 16, 5036-5042 18
- 511 Mercury Involvement in Neuronal Damage and in Neurodegenerative Diseases. **2019**, 187, 341-356 65
- 510 Characteristics of particulate-bound mercury at typical sites situated on dust transport paths in China. **2019**, 648, 1151-1160 10
- 509 Assessment of mercury uptake routes at the soil-plant-atmosphere interface. **2019**, 19, 146-154 11
- 508 Mercury speciation in prenatal exposure in Slovenian and Croatian population - PHIME study. **2019**, 177, 108627 9
- 507 Recommandations de bonne pratique sur la prise en charge des femmes enceintes exposées au mercure organique et leurs enfants à naître. Recommandations de la Société de toxicologie clinique, associée à la Société française de toxicologie analytique, à la Société française de santé publique, à la Société francophone de santé environnement, à la Société française de pédiatrie, à la Société française de néonatalogie, au Collège national des gynécologues obstétriciens. **2019**, 31, 77-94
- 506 Bibliography. **2019**, 385-525
- 505 Study on Mercury Methylation in the Amazonian Rivers in Flooded Areas for Hydroelectric Use. **2019**, 230, 1 5
- 504 Evaluation of Mercury Transformation and Benthic Organisms Uptake in a Creek Sediment of Pearl River Estuary, China. **2019**, 11, 1308 1
- 503 Changing the Blood Test: Accurate Determination of Mercury(II) in One Microliter of Blood Using Oriented ZnO Nanobelt Array Film Solution-Gated Transistor Chips. **2019**, 15, e1902433 4
- 502 Recent Progress in Metal-Organic Framework (MOF) Based Luminescent Chemodosimeters. **2019**, 9, 36

501	Neuroprotective role of naringenin against methylmercury induced cognitive impairment and mitochondrial damage in a mouse model. <b>2019</b> , 71, 103224	17
500	Before the beginning: environmental exposures and reproductive and obstetrical outcomes. <b>2019</b> , 112, 613-621	29
499	Critical review of mercury contamination in Sri Lankan fish and aquatic products. <b>2019</b> , 149, 110526	11
498	Correction to: Surface-enhanced infrared detection of benzene in air using a porous metal-organic-frameworks film. <b>2019</b> , 36, 1017-1017	
497	Colorimetric determination of mercury(II) ion based on DNA-assisted amalgamation: a comparison study on gold, silver and Ag@Au Nanoplates. <b>2019</b> , 186, 713	5
496	Assessment of residents' total environmental exposure to heavy metals in China. <b>2019</b> , 9, 16386	18
495	Trapping Ionic Mercury Using Different Adsorbents. <b>2019</b> , 47, 1900356	
494	Transcriptomic Analysis Reveals the Roles of Detoxification Systems in Response to Mercury in. <b>2019</b> , 9,	7
493	Mercury Concentration, DNA Methylation, and Mitochondrial DNA Damage in Olive Ridley Sea Turtle Embryos With Schistosomus Reflexus Syndrome. <b>2019</b> , 56, 940-949	4
492	Mercury Pollution in the Arctic from Wildfires: Source Attribution for the 2000s. <b>2019</b> , 53, 11269-11275	7
491	A Review on Coordination Properties of Thiol-Containing Chelating Agents Towards Mercury, Cadmium, and Lead. <b>2019</b> , 24,	40
490	Mercury and selenium in the Brazilian subtropical marine products: Food composition and safety. <b>2019</b> , 84, 103310	10
489	Discovery of an arsenic and mercury co-elevation in the Midwest United States using reference laboratory data. <b>2019</b> , 254, 113049	4
488	Labile and stable mercury in Harris mud crab ( <i>Rhithropanopeus harrisi</i> ) from the southern Baltic Sea - Considerations for a role of non-native species in the food web. <b>2019</b> , 148, 116-122	3
487	Methylmercury's chemistry: From the environment to the mammalian brain. <b>2019</b> , 1863, 129284	40
486	An efficient RatiometricFluorescent chemosensor for the selective detection of Hg <sup>2+</sup> ions based on phosphonates: its live cell imaging and molecular keypad lock applications. <b>2019</b> , 11, 901-916	43
485	Sustainable Magnetically Retrievable Nanoadsorbents for Selective Removal of Heavy Metal Ions From Different Charged Wastewaters. <b>2019</b> , 11, 371-416	4
484	NRXN1 Deletion and Exposure to Methylmercury Increase Astrocyte Differentiation by Different Notch-Dependent Transcriptional Mechanisms. <b>2019</b> , 10, 593	6

483	Betti base and its modified phthalonitrile derivative for the turn on fluorimetric detection of Hg <sup>2+</sup> and Cr <sup>3+</sup> ions. <b>2019</b> , 382, 111904	6
482	Impact of Urbanization on Groundwater Quality. <b>2019</b> , 179-196	5
481	A novel turn-on fluorescent probe for Hg <sup>2+</sup> detection based on rhodamine B spirolactam derivative. <b>2019</b> , 99, 1515-1527	4
480	Acute Toxicity of Divalent Mercury Ion to from Seawater and Freshwater Aquaculture and Its Effects on Tissue Structure. <b>2019</b> , 16,	6
479	Assessment of metal contamination in Arabian/Persian Gulf fish: A review. <b>2019</b> , 143, 264-283	35
478	Colorimetric and Fluorometric Detection of Heavy Metal Ions in Pure Aqueous Medium with Logic Gate Application. <b>2019</b> , 166, B644-B653	6
477	Biochemical evidence on the potential role of methyl mercury in hepatic glucose metabolism through inflammatory signaling and free radical pathways. <b>2019</b> , 120, 16195-16205	9
476	Detection of Hg <sup>2+</sup> ion using highly selective fluorescent chemosensor in real water sample and in-vitro cell study upon breast adenocarcinoma (MCF-7). <b>2019</b> , 31, 382-390	3
475	(-)-Epigallocatechin-3-gallate attenuates the toxicity of methylmercury in <i>Caenorhabditis elegans</i> by activating SKN-1. <b>2019</b> , 307, 125-135	6
474	Leaf extracts from <i>Dendropanax morbifera</i> L'Veille mitigate mercury-induced reduction of spatial memory, as well as cell proliferation, and neuroblast differentiation in rat dentate gyrus. <b>2019</b> , 19, 94	3
473	Methylmercury-induced neural degeneration in rat dorsal root ganglion is associated with the accumulation of microglia/macrophages and the proliferation of Schwann cells. <b>2019</b> , 44, 191-199	7
472	A paper-based, cell-free biosensor system for the detection of heavy metals and date rape drugs. <b>2019</b> , 14, e0210940	46
471	Phytosynthesis of silver nanoparticles; naked eye cellulose filter paper dual mechanism sensor for mercury ions and ammonia in aqueous solution. <b>2019</b> , 30, 7367-7383	20
470	Development and optimization of an immunoassay for the detection of Hg(II) in lake water. <b>2019</b> , 7, 1615-16225	5
469	Natural Resource Management: Ecological Perspectives. <b>2019</b> ,	2
468	A fluorescein-based chemosensor for turn-on detection of Hg <sup>2+</sup> and the resultant complex as a fluorescent sensor for S <sup>2-</sup> in semi-aqueous medium with cell-imaging application: experimental and computational studies. <b>2019</b> , 43, 5297-5307	17
467	Docosahexaenoic acid enhances methylmercury-induced endoplasmic reticulum stress and cell death and eicosapentaenoic acid potentially attenuates these effects in mouse embryonic fibroblasts. <b>2019</b> , 306, 35-42	6
466	Human-induced pluripotent stem cells as a model to dissect the selective neurotoxicity of methylmercury. <b>2019</b> , 1863, 129300	5

465	Imprgnation mercurielle des femmes enceintes de Guyane (Haut Maroni): tude et prvention. <b>2019</b> , 31, 37-48	
464	Type 2 diabetes occurrence and mercury exposure - From the National Nutrition and Health Survey in Taiwan. <b>2019</b> , 126, 260-267	12
463	Oleanolic acid 3-glucoside, a synthetic oleanane-type saponin, alleviates methylmercury toxicity in vitro and in vivo. <b>2019</b> , 417, 15-22	4
462	Synthesis of Calixarene-Capped Silver Nanoparticles for Colorimetric and Amperometric Detection of Mercury (Hg, Hg). <b>2019</b> , 4, 3860-3870	42
461	Silica nanoparticles doped with a benzo[e]indolium-tethered iridium(III) complex for reversible detection of HSO <sub>3</sub> <sup>-</sup> and Hg <sup>2+</sup> /Cu <sup>2+</sup> in water. <b>2019</b> , 165, 128-136	5
460	A multidimensional concept for mercury neuronal and sensory toxicity in fish - From toxicokinetics and biochemistry to morphometry and behavior. <b>2019</b> , 1863, 129298	21
459	Mercury in Water. <b>2019</b> , 1-18	2
458	Influential Factors on Blood Pb and Hg Concentrations in Koreans over 50 Years Old: Data Analysis of the 1st (2009-2011) and 2nd (2012-2014) KoNEHS. <b>2019</b> , 11, 295-304	
457	Environment and Intelligence. <b>2019</b> , 988-1008	
456	The State-of-the Art of Environmental Toxicogenomics: Challenges and Perspectives of "Omics" Approaches Directed to Toxicant Mixtures. <b>2019</b> , 16,	20
455	A Safer Gold Rush? Curbing Mercury Pollution in Artisanal and Small-Scale Gold Mining. <b>2019</b> , 127, 112001	6
454	Mercury Exposure, Fish Consumption, and Perceived Risk among Pregnant Women in Coastal Florida. <b>2019</b> , 16,	3
453	Mercury and the Everglades. A Synthesis and Model for Complex Ecosystem Restoration. <b>2019</b> ,	2
452	Major Drivers of Mercury Methylation and Cycling in the Everglades: A Synthesis. <b>2019</b> , 131-152	
451	Enhanced luminescence for detection of small molecules based on doped lanthanide compounds with a dinuclear double-stranded helicate structure. <b>2019</b> , 43, 16706-16713	15
450	An Overview of Environmental Justice Issues in Primary Care 2018. <b>2019</b> , 4, 185-201	2
449	Association between methylmercury environmental exposure and neurological disorders: A systematic review. <b>2019</b> , 52, 100-110	7
448	Timescales of developmental toxicity impacting on research and needs for intervention. <b>2019</b> , 125 Suppl 3, 70-80	14

447	Reducing methylmercury accumulation in fish using <i>Escherichia coli</i> with surface-displayed methylmercury-binding peptides. <b>2019</b> , 367, 35-42	15
446	A novel tryptamine-appended rhodamine-based chemosensor for selective detection of Hg present in aqueous medium and its biological applications. <b>2019</b> , 411, 1143-1157	15
445	Mercury and selenium concentrations in Scyphozoan jellyfishes and pyrosomes from Monterey Bay National Marine Sanctuary. <b>2019</b> , 138, 7-10	3
444	First Discovery and Significance of Liquid Mercury in a Thermal Simulation Experiment on Humic Kerogen. <b>2019</b> , 33, 1817-1824	3
443	A comparison of fish tissue mercury concentrations from homogenized fillet and nonlethal biopsy plugs. <b>2019</b> , 80, 137-145	4
442	Very low-level prenatal mercury exposure and behaviors in children: the HOME Study. <b>2019</b> , 18, 4	16
441	Environmental pharmacology: source, impact and solution. <b>2019</b> , 34, 69-79	4
440	Children's low-level pesticide exposure and associations with autism and ADHD: a review. <b>2019</b> , 85, 234-241	31
439	Methylmercury-induced testis damage is associated with activation of oxidative stress and germ cell autophagy. <b>2019</b> , 190, 67-74	16
438	Sequential displacement strategy for selective and highly sensitive detection of Zn, Hg and S ions: An approach toward a molecular keypad lock. <b>2019</b> , 208, 271-284	11
437	Dual-Mode Calixarene-Based Chemosensor: Highly Selective Fluorogenic Detection of Hg <sup>2+</sup> and Chromogenic Detection of Cu <sup>2+</sup> with a Single Ionophore. <b>2019</b> , 2019, 199-205	6
436	Pre-emptive Medicine: Public Health Aspects of Developmental Origins of Health and Disease. <b>2019</b> ,	0
435	Methylmercury and total mercury content in soft tissues of two bird species wintering in the Baltic Sea near Gdansk, Poland. <b>2019</b> , 219, 140-147	5
434	Mercury and cadmium in swordfish and yellowfin tuna and health risk assessment for Sri Lankan consumers. <b>2019</b> , 12, 75-80	4
433	On the scope of externalities in experimental markets. <b>2019</b> , 22, 610-624	8
432	Shrink-induced ultrasensitive mercury sensor with graphene and gold nanoparticles self-assembly. <b>2019</b> , 25, 11-17	4
431	Mercury contamination levels in the bioindicator piscivorous fish <i>Hoplias althara</i> in French Guiana rivers: mapping for risk assessment. <b>2020</b> , 27, 3624-3636	8
430	Role of Nano-photocatalysis in Heavy Metal Detoxification. <b>2020</b> , 1-33	1

429 Teratology. **2020**, 30-37.e3

428 Design of Novel Biosensors for Optical Sensing and Their Applications in Environmental Analysis. **2020**, 0

427 Toxicity assessment of wastewater after advanced oxidation processes for emerging contaminants' degradation. **2020**, 195-211 1

426 A dual-mode fluorescent probe for the separate detection of mercury(II) and hydrogen sulfide. **2020**, 388, 112209 13

425 Framing in Sustainability Science. **2020**, 3

424 The Nuclear Protein HOXB13 Enhances Methylmercury Toxicity by Inducing Oncostatin M and Promoting Its Binding to TNFR3 in Cultured Cells. **2019**, 9, 3

423 Dynamics of (total and methyl) mercury in sediment, fish, and crocodiles in an Amazonian Lake and risk assessment of fish consumption to the local population. **2020**, 192, 101 5

422 A fluorescent "ON-OFF-ON" switch for the selective and sequential detection of Hg and I with applications in imaging using human AGS gastric cancer cells. **2020**, 49, 187-195 12

421 Historic and suppressed technologies for energetics. **2020**, 27, 101105 1

420 High level of methylmercury exposure causes persisted toxicity in Nauphoeta cinerea. **2020**, 27, 4799-4813 9

419 Lessons From an Early-stage Epidemiological Study of Minamata Disease. **2020**, 30, 12-14 4

418 Toxicity of mercury: Molecular evidence. **2020**, 245, 125586 87

417 Highly selective and sensitive optical probe for Cu<sup>2+</sup> based on a water-soluble isatin derivative dye. **2020**, 207, 163791 3

416 Review of stable mercury isotopes in ecology and biogeochemistry. **2020**, 716, 135386 35

415 Nopinone-based AIE-active dual-functional fluorescent chemosensor for Hg and Cu and its environmental and biological applications. **2020**, 49, 15299-15309 12

414 Multiuse Al-MOF Chemosensors for Visual Detection and Removal of Mercury Ions in Water and Skin-Whitening Cosmetics. **2020**, 8, 15097-15107 24

413 Preliminary Study on Human Lung Function of Artisanal and Small-scale Gold Miner in Gorontalo Province, Indonesia. **2020**, 536, 012009 0

412 Mercury in rice paddy fields and how does some agricultural activities affect the translocation and transformation of mercury - A critical review. **2020**, 202, 110950 12

411	Multifunctional aminoethylpiperazine-modified graphene oxide with high dispersion stability in polar solvents for mercury ion adsorption. <b>2020</b> , 90, 224-231	5
410	Methylmercury toxic mechanism related to protein degradation and chemokine transcription. <b>2020</b> , 25, 30	6
409	Study on the Quality of Groundwater and its Impact on Human Health: A Case Study from Murshidabad District, West Bengal. <b>2020</b> , 96, 597-602	4
408	Engineering Noble Metal Nanomaterials for Pollutant Decomposition. <b>2020</b> , 59, 20561-20581	22
407	Mechanistic Insight into Selective Sensing of Hazardous Hg <sup>2+</sup> and Explosive Picric Acid by Using a Pyrene-Azine-Hydroxyquinoline Framework in Differential Media. <b>2020</b> , 5, 9336-9349	3
406	Multiple exposure pathways of first-year university students to heavy metals in China: Serum sampling and atmospheric modeling. <b>2020</b> , 746, 141405	4
405	Detection of Hg(II) in adsorption experiment by a lateral flow biosensor based on streptavidin-biotinylated DNA probes modified gold nanoparticles and smartphone reader. <b>2020</b> , 266, 115389	7
404	Lanthanide-functionalized metal-organic frameworks as ratiometric luminescent sensors. <b>2020</b> , 8, 12739-12754	57
403	Interactions between Hg and soil microbes: microbial diversity and mechanisms, with an emphasis on fungal processes. <b>2020</b> , 104, 9855-9876	2
402	Preliminary study of the distribution and risk assessment of mercury in different surficial sediments along the coastal area of the province Thai Binh in Vietnam. <b>2020</b> , 32, 114-120	3
401	Graphene-based temperature sensors suspended by anodic aluminum oxide. <b>2020</b> , 153, 084701	0
400	Tissue-specific Nrf2 signaling protects against methylmercury toxicity in <i>Drosophila</i> neuromuscular development. <b>2020</b> , 94, 4007-4022	5
399	Observations on the levels of total mercury (Hg) and selenium (Se) in species common to the artisanal fisheries of Seychelles. <b>2020</b> , 81, 277-281	2
398	Development and implementation of a method to assess food and nutrient intakes in the Seychelles Child Development Nutrition Study.. <b>2020</b> , 81, 323-330	
397	Methyl mercury exposure and poisoning at Niigata, Japan. <b>2020</b> , 81, 358-359	
396	A Call for epidemic assessment questionnaire. <b>2020</b> , 191, 110150	
395	Artisanal and small-scale gold mining activities and mercury exposure in Gorontalo Utara Regency, Indonesia. <b>2020</b> , 102, 521-542	3
394	Associations of metals and neurodevelopment: a review of recent evidence on susceptibility factors. <b>2020</b> , 7, 237-262	4



393	A New Low-Cost and Reliable Method to Evaluate the Release of Hg <sup>0</sup> from Synthetic Materials. <b>2020</b> , 8, 1282	3
392	Chelation enhanced fluorescence of rhodamine based novel organic nanoparticles for selective detection of mercury ions in aqueous medium and intracellular cell imaging. <b>2020</b> , 397, 112579	12
391	Lead, Mercury and Cadmium in Fish and Shellfish from the Indian Ocean and Red Sea (African Countries): Public Health Challenges. <b>2020</b> , 8, 344	21
390	?????????????????. <b>2020</b> , 128, 012002	
389	MERCURY. <b>2020</b> , 677-693	
388	Heavy metals contamination and risk assessment in sediments of Laucala Bay, Suva, Fiji. <b>2020</b> , 156, 111238	19
387	Particulate air pollution, birth outcomes, and infant mortality: Evidence from Japan's automobile emission control law of 1992. <b>2020</b> , 11, 100590	2
386	Development of aminoethylpyridine based N,N,N,O-donor fluorescent probes for the detection of Fe <sup>3+</sup> and Hg <sup>2+</sup> in aqueous media. <b>2020</b> , 1504, 012001	1
385	Human mercury exposure levels and fish consumption at the French Riviera. <b>2020</b> , 258, 127232	8
384	Innovative health risk assessment of heavy metals in Chinese herbal medicines based on extensive data. <b>2020</b> , 159, 104987	14
383	An assessment of toxic heavy metals in soil and plants ( <i>Allium cepa</i> and <i>Daucus carota</i> ) by GFAAS. <b>2020</b> , 1-20	2
382	Nervous system. <b>2020</b> , 261-282	0
381	Copillar[5]arene-rhodamine conjugate as a selective sensor for Hg <sup>2+</sup> ions. <b>2020</b> , 44, 5921-5928	8
380	[5]Helicene-rhodamine 6 G hybrid-based sensor for ultrasensitive Hg <sup>2+</sup> detection and its biological applications. <b>2020</b> , 394, 112473	9
379	A new 3-hydroxyphthalimide-based turn-on fluorescent probe for Hg <sup>2+</sup> detection in aqueous solution. <b>2020</b> , 44, 349-353	2
378	Increased putrescine levels due to ODC1 overexpression prevents mitochondrial dysfunction-related apoptosis induced by methylmercury. <b>2020</b> , 256, 118031	1
377	A smart low molecular weight gelator for the triple detection of copper (II), mercury (II), and cyanide ions in water resources. <b>2020</b> , 219, 121237	13
376	A novel near-infrared fluorescent probe with an improved Stokes shift for specific detection of Hg in mitochondria. <b>2020</b> , 18, 5238-5244	11

- 375 Methylmercury: Human exposure, animal behavior, and insight on molecular mechanism. **2020**, 193-200
- 374 Comparative study on Hg bioaccumulation and biotransformation in Mediterranean and Atlantic sponge species. **2020**, 260, 127515 6
- 373 Prenatal exposure to legacy contaminants and visual acuity in Canadian infants: a maternal-infant research on environmental chemicals study (MIREC-ID). **2020**, 19, 14 5
- 372 Synthesis and Application of a Naphthol-Based Fluorescent Probe for Mercury(II) Detection. **2020**, 5, 1683-1687 2
- 371 Nonlinear Plasmonic Sensing for Label-Free and Selective Detection of Mercury at Picomolar Level. **2020**, 5, 645-649 5
- 370 A three-dimensional bimetallic oxide NiCo<sub>2</sub>O<sub>4</sub> derived from ZIF-67 with a cage-like morphology as an electrochemical platform for Hg<sup>2+</sup> detection. **2020**, 155, 104762 12
- 369 Thiadiazole containing N- and S-rich highly ordered periodic mesoporous organosilica for efficient removal of Hg(ii) from polluted water. **2020**, 56, 3963-3966 22
- 368 Qualitative and quantitative H NMR spectroscopy for determination of divalent metal cation concentration in model salt solutions, food supplements, and pharmaceutical products by using EDTA as chelating agent. **2020**, 58, 653-665 8
- 367 Hematological parameters and hair mercury levels in adolescents from the Colombian Caribbean. **2020**, 27, 14216-14227 5
- 366 Association of Blood Mercury Level with the Risk of Depression According to Fish Intake Level in the General Korean Population: Findings from the Korean National Health and Nutrition Examination Survey (KNHANES) 2008-2013. **2020**, 12, 3 3
- 365 Lead Isotopes Combined with Geochemical Baseline in Sediments: A Novel Tool to Trace Anthropogenic Pb Sources. **2020**, 17, 1 1
- 364 Did improvements of ecosystem services supply-demand imbalance change environmental spatial injustices?. **2020**, 111, 106068 30
- 363 A Facile Preparation of a New Water-Soluble Acridine Derivative and Application as a Turn-off Fluorescence Chemosensor for Selective Detection of Hg. **2020**, 30, 235-247 6
- 362 Mercury concentration in shark meat from traditional markets of Gyeongsangbuk-do, South Korea. **2020**, 32, e3 2
- 361 Legacy groundwater pollution as a source of mercury enrichment in marine food web, Haifa Bay, Israel. **2020**, 714, 136711 8
- 360 Reinventing Mechatronics. **2020**, 1 1
- 359 Another umbrella murder? - A rare case of Minamata disease. **2020**, 16, 504-509 1
- 358 New adsorbents based on imprinted polymers and composite nanomaterials for arsenic and mercury screening/speciation: A review. **2020**, 156, 104886 8

357	Research Priorities for Achieving Healthy Marine Ecosystems and Human Communities in a Changing Climate. <b>2020</b> , 7,	19
356	A Single-Layer PDMS Chamber for On-Chip Bacteria Culture. <b>2020</b> , 11,	2
355	Bargain with the tooth fairy - The savings accounts for dental stem cells. <b>2020</b> , 43, 99-106	0
354	Mercury distribution and transfer in sediment-mangrove system in urban mangroves of fast-developing coastal region, Southern China. <b>2020</b> , 240, 106770	2
353	Impact of Methylmercury and Other Heavy Metals Exposure on Neurocognitive Function in Children Aged 7 Years: Study Protocol of the Follow-up. <b>2021</b> , 31, 157-163	2
352	Exposure to total and methylmercury among pregnant women in Suriname: sources and public health implications. <b>2021</b> , 31, 117-125	8
351	Are US adults with low-exposure to methylmercury at increased risk for depression? A study based on 2011-2016 National Health and Nutrition Examination Surveys (NHANES). <b>2021</b> , 94, 419-431	0
350	Blood and Urine Inorganic and Organic Mercury Levels in the United States from 1999 to 2016. <b>2021</b> , 134, e20-e30	3
349	Characteristics, source apportionment and health risk assessment of heavy metals exposure via household dust from six cities in China. <b>2021</b> , 762, 143126	12
348	Effects of prenatal exposure and co-exposure to metallic or metalloid elements on early infant neurodevelopmental outcomes in areas with small-scale gold mining activities in Northern Tanzania. <b>2021</b> , 149, 106104	8
347	Biological Factors Moderate Trace Element Accumulation in Fish along an Environmental Concentration Gradient. <b>2021</b> , 40, 422-434	1
346	A molecular chameleon: Fluorometric to Pb <sup>2+</sup> , fluorescent ratiometric to Hg <sup>2+</sup> and colorimetric to Ag <sup>+</sup> ions. <b>2021</b> , 407, 113050	5
345	Sustainable engineering of TiO <sub>2</sub> -based advanced oxidation technologies: From photocatalyst to application devices. <b>2021</b> , 78, 202-222	20
344	A photo-induced electron transfer based reversible fluorescent chemosensor for specific detection of mercury (II) ions and its applications in logic gate, keypad lock and real samples. <b>2021</b> , 14, 102911	9
343	Placental programming, perinatal inflammation, and neurodevelopment impairment among those born extremely preterm. <b>2021</b> , 89, 326-335	6
342	Prenatal methylmercury exposure and DNA methylation in seven-year-old children in the Seychelles Child Development Study. <b>2021</b> , 147, 106321	11
341	Scientific imaginaries and science diplomacy: The case of ocean exploitation. <b>2021</b> , 63, 150-170	5
340	A Study on Hair Mercury Levels of University Students. <b>2021</b> , 106, 160-164	2

- 339 Methylmercury exposure and its implications for aging. **2021**, 213-224 0
- 338 A novel copper(I) metalorganic framework as a highly efficient and ultrasensitive electrochemical platform for detection of Hg(II) ions in aqueous solution. **2021**, 23, 3043-3051 2
- 337 Rash, Diaphoresis, Anorexia, and Loss of Motor Skills in a 10-month-old Boy. **2021**, 42, 38-40
- 336 Health Effects of Exposure to Specific Geologic Materials: Summary of Clinical Findings, Treatment, and Prevention. **2021**, 525-563 0
- 335 Hypoalgesia and recovery in methylmercury-exposed rats. **2021**, 46, 303-309
- 334 Increased expression of TCF3, transcription factor 3, is a defense response against methylmercury toxicity in mouse neuronal C17.2 cells. **2021**, 37, 451-458 2
- 333 Mercury and Alzheimer's disease: a look at the links and evidence. **2021**, 36, 361-374 3
- 332 Praegnatio Perturbatio-Impact of Endocrine-Disrupting Chemicals. **2021**, 42, 295-353 7
- 331 Animal models of environmental manipulations causing epigenetic modifications that increase risk for major depressive disorder and anxiety disorders. **2021**, 253-272
- 330 Methylmercury, oxidative stress, and neurodegeneration. **2021**, 137-144
- 329 Graphitic carbon nitride embedded-Ag nanoparticle decorated-ZnWO<sub>4</sub> nanocomposite-based photoluminescence sensing of Hg<sup>2+</sup>. **2021**, 2, 4041-4057 4
- 328 Methylmercury Exposure and Developmental Neurotoxicity: New Insights from Neural Stem Cells. **2021**, 1-23
- 327 Placing Integrated Development into the Business Perspective. **2021**, 55-64
- 326 Green route of silver nanoparticles synthesis using watermelon (*Citrullus lanatus*) fruit extract for mercury ions detection. **2021**, 1731, 012020 0
- 325 Heavy Metals in the Marine Environment: An Overview. **2021**, 1-26 1
- 324 Issues Related to Water Affecting Indigenous Peoples of North America. **2021**, 769-832
- 323 DNA methyltransferase- and histone deacetylase-mediated epigenetic alterations induced by low-level methylmercury exposure disrupt neuronal development. **2021**, 95, 1227-1239 7
- 322 Analysis of the accumulation, depuration and methylation of mercury in pacific oysters (*Crassostrea gigas*) and clams (*Meretrix meretrix*) using the two-compartment kinetic model. **2021**, 52, 2996-3005

321	Autoantibodies in outbred Swiss Webster mice following exposure to gold and mercury. <b>2021</b> , 412, 115379	1
320	Sulfur Conversion to Multifunctional Poly(-thiocarbamate)s through Multicomponent Polymerizations of Sulfur, Diols, and Diisocyanides. <b>2021</b> , 143, 3944-3950	15
319	[Reprint of: Guidelines for pregnant women and their unborn children exposed to methylmercury. Recommendations of the French Society of Clinical Toxicology associated with the French Society of Analytical Toxicology, the French Society of Public Health, the French Society of Environmental Health, the French Society of Pediatrics, the French Society of Neonatology, the National College of	
318	RNA sequencing and proteomic profiling reveal different alterations by dietary methylmercury in the hippocampal transcriptome and proteome in BALB/c mice. <b>2021</b> , 13,	2
317	Surface-Enhanced Raman Scattering Optophysiology Nanofibers for the Detection of Heavy Metals in Single Breast Cancer Cells. <b>2021</b> , 6, 1649-1662	6
316	A Fluorescent Chemosensor Based on Functionalized Nanoporous Silica (SBA-15 SBA-IC-MN) for Detection of Hg <sup>2+</sup> in Aqueous Media. <b>2021</b> , 1	5
315	Water Quality Standards. <b>2021</b> , 441-468	
314	Potential Use of Agro/Food Wastes as Biosorbents in the Removal of Heavy Metals.	5
313	How do trophic magnification factors (TMFs) and biomagnification factors (BMFs) perform on toxic pollutant bioaccumulation estimation in coastal and marine food webs. <b>2021</b> , 44, 101797	0
312	Distributions of Total Mercury and Methylmercury in Dragonflies from a Large, Abandoned Mercury Mining Region in China. <b>2021</b> , 81, 25-35	0
311	Methylmercury induces neuronal cell death by inducing TNF- $\alpha$ expression through the ASK1/p38 signaling pathway in microglia. <b>2021</b> , 11, 9832	2
310	Review: Vaccine Myth-Buster - Cleaning Up With Prejudices and Dangerous Misinformation. <b>2021</b> , 12, 663280	6
309	The Roles of Oxidative Stress in Regulating Autophagy in Methylmercury-induced Neurotoxicity. <b>2021</b> , 469, 175-190	1
308	A Functionalised Carbon Fiber for Flexible Extraction and Determination of Hg(II) Using Au(NP)-Thiol-CF Inductively Coupled Plasma Mass Spectrometry. <b>2021</b> , 13, 1829	1
307	Industrial impact on groundwater quality with special reference to Cr and Pb in coastal aquifers. <b>2021</b> , 193, 389	2
306	Mercury and Movement Disorders: The Toxic Legacy Continues. <b>2021</b> , 1-9	2
305	Environmentally relevant developmental methylmercury exposures alter neuronal differentiation in a human-induced pluripotent stem cell model. <b>2021</b> , 152, 112178	5
304	Methylmercury-induced cytotoxicity and oxidative biochemistry impairment in dental pulp stem cells: the first toxicological findings. <b>2021</b> , 9, e11114	

303	Critical transmission sectors in embodied atmospheric mercury emission network in China.	2
302	Waste-to-wealth approach in water economy: The case of beneficiation of mercury-contaminated water in hydrogen production. <b>2021</b> , 46, 26677-26692	4
301	Recent development of reactional small-molecule fluorescent probes based on resorufin. <b>2021</b> , 191, 109351	14
300	Nitro-oxidized carboxycellulose nanofibers from moringa plant: effective bioadsorbent for mercury removal. <b>2021</b> , 28, 8611-8628	9
299	A novel turn-on fluorescent probe based on berberine for detecting Hg <sup>2+</sup> and ClO <sub>2</sub> with the different fluorescence signals. <b>2021</b> , 166, 106199	3
298	Mercury and Prenatal Growth: A Systematic Review. <b>2021</b> , 18,	4
297	Exposure to ethanol leads to midfacial hypoplasia in a zebrafish model of FASD via indirect interactions with the Shh pathway. <b>2021</b> , 19, 134	6
296	Application of laser-induced breakdown spectroscopy (LIBS) in environmental monitoring. <b>2021</b> , 181, 106218	15
295	A novel FRET fluorescent probe based on BODIPY- rhodamine system for Hg <sup>2+</sup> imaging in living cells. <b>2021</b> , 1236, 130323	3
294	Methyl mercury triggers endothelial leukocyte adhesion and increases expression of cell adhesion molecules and chemokines. <b>2021</b> , 246, 2522-2532	
293	Mercury in human hair and its implications for health investigation. <b>2021</b> , 22, 100271	
292	Single cell RNA sequencing detects persistent cell type- and methylmercury exposure paradigm-specific effects in a human cortical neurodevelopmental model. <b>2021</b> , 154, 112288	2
291	Total mercury and methylmercury (MeHg) in braised and crude Boletus edulis carpophores during various developmental stages. <b>2021</b> , 1	1
290	Biotransport of mercury and human methylmercury exposure through crabs in China - A life cycle-based analysis. <b>2021</b> , 415, 125684	
289	Confinement fluorescence effect (CFE): Lighting up life by enhancing the absorbed photon energy utilization efficiency of fluorophores. <b>2021</b> , 440, 213979	6
288	Bee venom <i>Apis mellifera lamarckii</i> rescues blood brain barrier damage and neurobehavioral changes induced by methyl mercury via regulating tight junction proteins expression in rat cerebellum. <b>2021</b> , 154, 112309	0
287	Health risk assessment and bioaccumulation of heavy metals in <i>Procambarus clarkii</i> from six provinces of China. <b>2021</b> , 1	2
286	Effects of Elemental Mercury Vapor Inhalation on Arterial Blood Gases, Lung Histology, and Interleukin-1 Expression in Pulmonary Tissues of Rats. <b>2021</b> , 2021, 4141383	

285	Detection of hazardous mercury ion using [5]helicene-based fluorescence probe with "TurnON" sensing response for practical applications. <b>2021</b> , 418, 126242	10
284	Neuroigin-1 Is a Mediator of Methylmercury Neuromuscular Toxicity. <b>2021</b> , 184, 236-251	
283	Highly Resolved Inventory of Mercury Release to Water from Anthropogenic Sources in China. <b>2021</b> , 55, 13860-13868	3
282	Sustainability and sustainable development: A review of principles and definitions. <b>2021</b> , 786, 147481	45
281	Gaseous mercury re-emission from wet flue gas desulfurization wastewater aeration basins: A review. <b>2021</b> , 420, 126546	6
280	The silver linings of mercury: Reconsideration of its impacts on living organisms from a multi-timescale perspective. <b>2021</b> , 155, 106670	3
279	A novel berberine-based colorimetric and fluorometric probe for Hg <sup>2+</sup> detection and its applications in water samples. <b>2021</b> , 132, 108847	2
278	The response of anthropogenic mercury release in China to the Minamata Convention on Mercury: A hypothetical expectation. <b>2021</b> , 323, 129089	1
277	BODIPY immobilized MCM-41 based material: A reusable solid optical sensor for selective detection and removal of Hg(II) in water. <b>2021</b> , 133, 108861	5
276	Ecophysiological effects of mercury bioaccumulation and biochemical stress in the deep-water mesopredator <i>Etmopterus spinax</i> (Elasmobranchii; Etmopteridae). <b>2022</b> , 423, 127245	1
275	Curcumin ameliorated the mercuric chloride induced depression and anxiety in female mice offspring. <b>2021</b> , 204, 112031	3
274	Assessment of the mercury-selenium antagonism in rainbow trout fish. <b>2022</b> , 286, 131749	2
273	Electronic wastes: A near inexhaustible and an unimaginably wealthy resource for water splitting electrocatalysts. <b>2022</b> , 421, 126687	4
272	Cellular and genetic mechanism of bacterial mercury resistance and their role in biogeochemistry and bioremediation. <b>2022</b> , 423, 126985	4
271	CRISPR-assisted strategies for futuristic phytoremediation. <b>2022</b> , 203-220	0
270	Speciation Analysis of Food Products. <b>2021</b> , 309-344	1
269	When toxic chemicals refuse to die: An examination of the prolonged mercury pesticide use in Australia. <b>2021</b> , 9,	1
268	Metallothioneins. <b>2021</b> , 157-199	1

267	How to Determine the Relief Target for Minamata Disease. <b>2021</b> , 13-29	
266	Fluorescent chemosensors for Hg <sup>2+</sup> ions based on a pyridine-attached phenanthridine probe. <b>2021</b> , 45, 17667-17673	0
265	Fish Nutrients and Methylmercury: A View from the Laboratory. 279-318	1
264	Environmental Impact of Metals, Metalloids, and Their Toxicity. 451-488	3
263	Using Pluripotent Stem Cells and Their Progeny as an In Vitro Model to Assess (Developmental) Neurotoxicity. 279-320	1
262	Discriminative detection of mercury (II) and hydrazine using a dual-function fluorescent probe. <b>2020</b> , 35, 754-762	5
261	Epidemiological Update of Methylmercury and Minamata Disease. <b>2012</b> , 1-11	3
260	Epidemiological Evidence on Methylmercury Neurotoxicity. <b>2012</b> , 13-35	5
259	Methylmercury and Fish Nutrients in Experimental Models. <b>2012</b> , 55-90	1
258	Behavioural Effects of Exposure to Methylmercury During Early Development. <b>2012</b> , 163-198	1
257	Bioaccumulation/Biomagnifications in Food Chains. <b>2013</b> , 35-69	1
256	A role for glutamate transporters in neurodegenerative diseases. <b>2002</b> , 513, 225-48	8
255	Environmental Chemical Exposures and Intellectual Disability in Children. <b>2019</b> , 347-363	0
254	Assistive Gait Wearable Robots From the Laboratory to the Real Environment. <b>2020</b> , 75-92	1
253	Role of Free Radicals in Hearing Loss due to Heavy Metals. <b>2015</b> , 93-109	3
252	Health Effects of Changing Environment. <b>2019</b> , 95-107	2
251	Evolving Understanding of the Relationship Between Mercury Exposure and Autism. <b>2011</b> , 65-84	3
250	Ecosystems. <b>2011</b> , 139-229	2



249	Medical Geology: Perspectives and Prospects. <b>2013</b> , 1-13	13
248	Impacts of Developmental Exposure to Environmental Chemicals on Human Health with Global Perspectives. <b>2020</b> , 3-22	1
247	Microbial Remediation of Heavy Metals. <b>2020</b> , 49-72	12
246	Environmental alterations of epigenetics prior to the birth. <b>2014</b> , 115, 1-49	29
245	Neurodevelopment outcomes. <b>2020</b> , 125-169	1
244	Mercury: Heavy Metals and Inorganic Agents. <b>2007</b> , 1111-1117	2
243	Trace elements contamination assessment in marine sediments from different regions of the Caribbean Sea. <b>2020</b> , 399, 122934	7
242	A highly sensitive turn-on fluorescent chemosensor for recognition of Zn and Hg and applications. <b>2017</b> , 184, 177-183	13
241	Environmental impacts of the life cycle of alluvial gold mining in the Peruvian Amazon rainforest. <b>2019</b> , 662, 940-951	38
240	Methylmercury myotoxicity targets formation of the myotendinous junction. <b>2020</b> , 443, 152561	3
239	Contraintes et enjeux dans l'évaluation et la gestion des risques sanitaires liés aux micropolluants émergents dans les eaux. <b>2009</b> , 193, 1331-1344	1
238	Mercury in fish. <b>1998</b> , 279, 459, 461	12
237	Developmental Behavioral Toxicity of Methylmercury. <b>2006</b> , 101-146	1
236	Metals. <b>2006</b> , 343-369	2
235	Ionic and Molecular Mimicry and the Transport of Metals. <b>2010</b> , 241-294	4
234	Tolerance and the Trophic Transfer of Contaminants. <b>2011</b> , 299-332	2
233	Pollution Tolerance. <b>2011</b> , 1-23	3
232	AMERICA'S CHILDREN AND THE ENVIRONMENT: NEURODEVELOPMENTAL DISORDERS (EXCERPT FROM THE THIRD EDITION). <b>2015</b> , 3-40	3

231	The Importance of Weight-Normalized Exposure Data when Issuing Fish Advisories for Protection of Public Health. <b>2002</b> , 110, 671-677	5
230	Genome-wide association analysis of tolerance to methylmercury toxicity in <i>Drosophila</i> implicates myogenic and neuromuscular developmental pathways. <b>2014</b> , 9, e110375	27
229	Heavy metals exposure levels and their correlation with different clinical forms of fetal growth restriction. <b>2017</b> , 12, e0185645	41
228	Ağır Metal Toksikitesinin İnsan Sağlığına Etkileri. <b>2016</b> , 25, 502-521	17
227	Influence of gestational exposure on the effects of prenatal exposure to methyl mercury on postnatal development in rats. <b>2013</b> , 21, 30-5	9
226	Congenital poisoning after maternal parenteral mercury administration. <b>2018</b> , 1, 001-005	1
225	Metallomics Analysis for Assessment of Toxic Metal Burdens in Infants/Children and Their Mothers: Early Assessment and Intervention Are Essential. <b>2020</b> , 11,	2
224	Mercury (Hg) Levels in the Mediterranean Mussel ( <i>Mytilus galloprovincialis</i> ) on Bosphorus, Istanbul, Turkey. <b>2007</b> , 7, 369-373	6
223	Web-based environmental health education: fish facts. <b>2013</b> , 44, 121-7	1
222	Mercury in the environment: sources, toxicities, and prevention of exposure. <b>2004</b> , 33, 437-42	23
221	Mercury toxicity: clinical presentations in musculoskeletal medicine. <b>2004</b> , 27, 394-7; quiz 398-9	7
220	Mercury Exposure in Association With Decrease of Liver Function in Adults: A Longitudinal Study. <b>2017</b> , 50, 377-385	16
219	Blood mercury concentration and related factors in an urban coastal area in Korea. <b>2010</b> , 43, 377-86	18
218	Functionalized Magnetic Nanoparticles for Environmental Remediation. <b>2015</b> , 518-551	8
217	Evaluation by ICP-MS of Essential, Nonessential and Toxic Elements in Brazilian Fish and Seafood Samples. <b>2012</b> , 03, 1252-1260	7
216	Sensitive Colorimetric and Fluorescent Detection of Mercury Using Fluorescein Derivations. <b>2012</b> , 01, 44-52	14
215	Minamata Disease Review. <b>2018</b> , 08, 178-184	6
214	Fluorescence Sensing Properties of Thiazolobenzo-crown Ether Incorporating Coumarin. <b>2010</b> , 31, 615-619	3

213	A Chromo- and Fluoroionophoric Thiaoxaaza-Macrocyclic Functionalized with Nitrobenzofurazan Exhibiting Mercury(II) Selectivity. <b>2010</b> , 31, 3707-3710	10
212	Thimerosal in Vaccine and Risk Communication. <b>2005</b> , 48, 82	5
211	Association between Low-level Mercury Exposure and Neurobehavioral Functions in Korean Adults Living in a Coastal City. <b>2013</b> , 28, e2013015	3
210	Estimation of human health risk from exposure to methylmercury via fish consumption in Ghana. <b>2014</b> , 4, 18-25	6
209	Evaluation of mercury concentration in the lake biwa-yodo river basin by a one-box multimedia model and model sensitivity on the experimentally determined water-sediment partition coefficient. <b>2014</b> , 3, 3	2
208	The Relationships Between Blood Mercury Concentration and Body Composition Measures Using 2010 Korean National Health and Nutrition Examination Survey. <b>2013</b> , 22, 237	5
207	Heart Failure Across the Tree of Life: Insights for Human Cardiovascular Medicine.	
206	Detoxification of Heavy Metals Using Marine Metal Resistant Bacteria: A New Method for the Bioremediation of Contaminated Alkaline Environments. <b>2021</b> , 297-332	0
205	Skin Lightening Causes and Complications. <b>2021</b> ,	1
204	Latent effects of early-life methylmercury exposure on motor function in Drosophila. <b>2021</b> , 88, 107037	1
203	Mercury.	
202	Cholinergic muscarinic receptors as targets for neurotoxicity. <b>2002</b> , 78-93	
201	Pollutants in Food [Metals and Metalloids. <b>2006</b> , 363-388	
200	Methylmercury Neurotoxicology: From Rare Poisonings to Silent Pandemic. 335-356	
199	Methylmercury Effects on Neural Developmental Signaling Pathways. 409-433	
198	Diet- and Mercury-induced Visual Loss. <b>2011</b> , 2775-2779	
197	Heavy Metals. <b>2011</b> , 1322-1329	
196	Methylmercury Neurotoxicity: A Synopsis of In Vitro Effects. <b>2012</b> , 219-227	

- 195 Effects of Developmental Methylmercury Exposure on Nervous System Function in Monkeys. **2012**, 143-161
- 194 Encyclopedia of Sustainability Science and Technology. **2012**, 822-845
- 193 Wichtige Gifte und Vergiftungen. **2013**, 967-1099
- 192 CHAPTER 12:Reproductive and Developmental Toxicity Testing: Issues for 3Rs Implementation. **2013**, 330-347 1
- 191 Impairment of Emotional Behavior. **2014**, 147-155
- 190 Methylmercury and Thimerosal. **2014**, 219-232
- 189 Deregulation of Antioxidant Activities. **2014**, 121-127
- 188 Research Background. **2014**, 3-16
- 187 GNAQPMS-Hg v1.0, a global nested atmospheric mercury transport model: model description, evaluation and application to trans-boundary transport of Chinese anthropogenic emissions.
- 186 Mercury and Its Effects on Environment and Human Health. **2015**, 1-17
- 185 Prolonging Disaster (Un)recovery: Culturally-Irrelevant Fish Consumption Advisories in the Keweenaw Bay Indian Community. **2015**, 4, 18-30
- 184 'If I Look at the Mass' I Will Act: Social Responsibility and the Scope of Market Externalities.
- 183 Drawing Lessons from the Minamata Incident for the General Public: Exercise on Resilience, Minamata Unit AY2014. **2016**, 93-113 1
- 182 Mercury. **2016**, 1-15
- 181 CHAPTER 3:Chelation Therapy For Heavy Metals. **2016**, 56-105
- 180 Examining the Role of Social Feedbacks and Misperception in a Model of Fish-Borne Pollution Illness. **2016**, 341-351
- 179 Evidence that the Ubiquitin Proteasome System Plays a Prominent Role in Inflammatory Bowel Disease: Possible Pharmacological Approaches. **2016**, 4,
- 178 Establishing a Social-Darwinist Mentality in Japan's Paternalist State: The Potential of Resistance by a Counter-Public. **2016**, 48, 338-355

- 177 Functionalized Magnetic Nanoparticles for Environmental Remediation. **2017**, 705-741 1
- 176 Joint Use of Liability and Regulation in Environmental Law.
- 175 Mercury. **2017**, 1705-1718
- 174 Encyclopedia of Geochemistry. **2017**, 1-6
- 173 Eco-Friendly On-Site Water Analyses for Ultra-Trace Harmful Ions. **2017**, 313-326
- 172 Economic Rationality Versus the Earth. **2018**, 147-181
- 171 Encyclopedia of Geochemistry. **2018**, 895-900
- 170 Technological Interventions in Management of Hg Contaminated Water. **2018**, 126-140
- 169 Good Health and Well-Being. **2019**, 1-13
- 168 Maternal Exposure to Environmental Chemicals and Health Outcomes Later in Life. **2019**, 3-19 4
- 167 Aquatic Cycling of Mercury. **2019**, 1-12
- 166 Good Health and Well-Being. **2019**, 1-12
- 165 Exposure to Substances via Food Consumption. **2019**, 167-359 0
- 164 A Carboxylesterase E2-Based Biosensor to Simultaneously Remediate and Detect Mercury Ions. **2020**, 57-74
- 163 Hazardous Chemicals and Air, Water, and Soil Pollution and Contamination. **2020**, 255-266 1
- 162 Environmental Health and Sustainability. **2020**, 180-192
- 161 Role in Framing in Sustainability Science □The Case of Minamata Disease. **2020**, 119-131
- 160 Automationssysteme mit zentralem Systemintegrator. **2019**, 101-180

- 159 Mercury Pollution and Cleanup in the South River, Virginia. **2020**, 4, 1
- 158 Drivers of biomagnification of Hg, As and Se in aquatic food webs: A review. **2022**, 204, 112226 2
- 157 Biosensors for mercury and manganese ions by using biosynthesized silver nanoparticles. **2020**, 9, 213-222
- 156 Atmospheric Mercury Pollution in the Xiān Area, China, Studied by Differential Absorption Lidar. **2021**, 12, 27 0
- 155 Technological Interventions in Management of Hg Contaminated Water. **2022**, 407-418
- 154 Role of biotechnology in phytoremediation. **2022**, 437-454 1
- 153 Gene-environment interactions characterized by single embryo transcriptomics. 0
- 152 Life on Land. **2020**, 1-13
- 151 Chapter 4:Metals. **2020**, 104-140
- 150 Early-Life Environmental Toxic Influences on Neural Development. **2020**, 141-159
- 149 Synthesis: A Framework for Predicting the Dark Side of Ecological Subsidies. **2020**, 343-372
- 148 Organomercury Captured by Lyase Overexpressed <i>Escherichia coli</i> and Its Evaluation by <i>In-Cell</i> Radiometry\*. **2020**, 08, 19-26 0
- 147 Gut Remediation: Back to the Future. **2020**, 199-217 1
- 146 A novel near-infrared fluorescence probe for detecting and imaging Hg in living cells. **2021**, 0
- 145 Photography's Underappreciated Contributions to Neuropsychiatry: The Photographs of W. Eugene Smith in Minamata, Japan. **2020**, 208, 574-578
- 144 Current issues of environmental mercury pollution (review). **2020**, 99, 460-467
- 143 Current issues of environmental mercury pollution (review). **2020**, 99, 460-467
- 142 Assessing and mitigating environmental exposures in early life. **2020**, 35, 219-220

- 141 Removal of Heavy Metal Pollutants from Wastewater Using Zerovalent Iron Nanoparticles. **2021**, 37-72
- 140 Environmental Deterioration and Sustainable Development. **2021**, 328-340
- 139 Some Medical Issues Related to Human-Water Interaction: A Brief Introduction. **2021**, 171-190
- 138 Methylmercury: a new look at the risks. **1999**, 114, 396-9, 402-13 27
- 137 Human and animal sentinels for shared health risks. **2009**, 45, 23-4 40
- 136 Fish consumption in pregnancy and fetal risks of methylmercury toxicity. **2010**, 56, 1001-2 7
- 135 Policies, issues, and major safety operations in the management of hazardous waste. **2022**, 117-141 1
- 134 Iminothiophenol Schiff base-based fluorescent probe for dual detection of Hg<sup>2+</sup> and Cr<sup>3+</sup> ions and its application in real sample analysis. **2022**, 425, 113663 3
- 133 Research on Contamination of Foods with Mercury Mining: A Ten-Year (2011-2020) Bibliometric Analysis. **2021**, 926, 012058
- 132 Element Rich Area Associated with Human Health Disorders: A Geomedical Science Approach to Potentially Toxic Elements Contamination. **2021**, 18, 0
- 131 Functional consequences of lead and mercury exposomes in the heart. **2021**, 101048 0
- 130 Pollution-Induced Food Safety Problem in China: Trends and Policies. **2021**, 8, 703832 2
- 129 Mini-review of waste-to-energy related air pollution and their limit value regulations in an international comparison. **2021**, 734242X211060607 1
- 128 Long-term visual pathway alterations after elemental mercury poisoning: report of a series of 29 cases. **2021**, 16, 49 0
- 127 Multicomponent Synthesis and Investigations Fluorescence Activity of Chromenone-Pyrazole Compounds. **2021**, 1 0
- 126 Fundo tailings dam failure in Brazil: Evidence of a population exposed to high levels of Al, As, Hg, and Ni after a human biomonitoring study. **2021**, 205, 112524 3
- 125 Toxic Metals. **2021**, 49-61
- 124 Silver nanomaterials sensing of mercury ions in aqueous medium. **2022**, 456, 214363 3

- 123 Mercury emission from the aluminium industry: a review. **2020**, 5, 129-135 0
- 122 Historical exposomics and high resolution mass spectrometry. **2021**, 1, 1
- 121 Facile synthesis of dual-emission fluorescent carbon nanodots for a multifunctional probe.. **2021**, 11, 39958-39965 0
- 120 Toxic Damage to Motor Neurons. **2021**, 15, 410-421
- 119 Risk of exposure to Hg and pesticides residues in a traditional fishing community in the Amazon: a probabilistic approach based on dietary pattern.. **2022**, 1 0
- 118 Immunotoxicology of metals. **2022**, 543-564
- 117 Removal of Mercury, Cadmium, and Lead Ions by *Penicillium* sp.. **2022**, 2,
- 116 Principles for prevention of the toxic effects of metals. **2022**, 685-703 0
- 115 Mercury. **2022**, 539-599 0
- 114 Notes. **2022**, 177-214
- 113 Cloud Control. **2022**, 133-165
- 112 Outdoor Weather. **2022**, 25-47
- 111 Bibliography. **2022**, 215-235
- 110 Spaceship Earth. **2022**, 104-132
- 109 Introduction. **2022**, 1-23
- 108 A NIR fluorescent sensor based on thiazoline-isophorone with low cytotoxicity in living cells for Hg detection through ICT associated hydrogen bonding effect.. **2022**, 1192, 339353 3
- 107 Explicating the Backgrounds. **2022**, 166-176
- 106 Indoor Weather. **2022**, 48-79



105 To the Greenhouse. **2022**, 80-103

104 The role of working-class communities and the slow violence of toxic pollution in environmental health conflicts: A global perspective. **2022**, 73, 102474 4

103 Environmental and health risks posed to children by artisanal gold mining: A systematic review.. **2022**, 10, 20503121221076934

102 Low-Temperature Thermal Desorption Effectively Mitigates Accumulation of Total Mercury and Methylmercury in Rice (*Oryza sativa* L.).. **2022**, 1 0

101 The Synthesis of SBA-15-Pr-3AP@Pd and its Application as a Highly Dynamic, Eco-Friendly Heterogeneous Catalyst for Suzuki-Miyaura Cross-Coupling Reaction.

100 Low-tech and high-tech challenges. Accidents and disasters. Technical and scientific progress and its perception by science and the public. **2022**, 109-132

99 Fluorescent Chemosensors Containing Ruthenium(II) Bipyridine as Fluorogenic Unit and Modified Calix[4]Arene as Ionophore: Synthesis, Characterization, Electrochemistry and Ion-Binding Property.

98 Mercury. **2022**, 573-585

97 Finding Biomarkers in Antioxidant Molecular Mechanisms for Ensuring Food Safety of Bivalves Threatened by Marine Pollution.. **2022**, 11, 2

96 A seafood risk tool for assessing and mitigating chemical and pathogen hazards in the aquaculture supply chain. **2022**, 3, 169-178 2

95 Food Contamination: An Unexplored Possible Link between Dietary Habits and Parkinson's Disease.. **2022**, 14, 0

94 Past mercury exposure and current symptoms of nervous system dysfunction in adults of a First Nation community (Canada).. **2022**, 21, 34 1

93 Recent advances in polymeric chemosensors for the detection and removal of mercury ions in complex aqueous media. 1-14 0

92 Smart Materials for Mercury and Arsenic Determination in Food and Beverages. **2022**, 107472 0

91 Methylmercury induced apoptosis of human neuroblastoma cells through the reactive oxygen species mediated caspase and poly ADP-ribose polymerase/apoptosis-inducing factor 1 dependent pathways.. **2022**, 1

90 Resveratrol attenuates methylmercury-induced neurotoxicity by modulating synaptic homeostasis.. **2022**, 115952 1

89 The potential of mercury methylation and demethylation by 15 species of marine microalgae.. **2022**, 215, 118266 0

88 Elevated mercury and PCB concentrations in Dolly Varden (*Salvelinus malma*) collected near a formerly used defense site on Sivuqaq, Alaska.. **2022**, 826, 154067 0

- 87 Evaluation of olive stone biochar as valuable and inexpensive agro-waste adsorbent for the adsorption and removal of inorganic mercury from Nile tilapia aquaculture systems. **2022**, 53, 1676-1692
- 86 Detoxification of organomercurials by thiones and selones: A short review. **2022**, 120980 ○
- 85 Image1.pdf. **2018**,
- 84 Data\_Sheet\_1.pdf. **2020**,
- 83 Data\_Sheet\_1.pdf. **2019**,
- 82 Environmental contaminants and antibiotic resistance as a One Health threat. **2022**, 231-252
- 81 Public health, surveillance systems and preventive medicine in an interconnected world. **2022**, 33-71
- 80 Hazardous Waste Accidents: From the Past to the Present. **2022**, 27-56
- 79 Pollution and Wildlife Health. **2022**, 177-186
- 78 Heavy Metal Distribution in Surface Sediments of the Coastal Pearl Bay, South China Sea. **2022**, 10, 822 ○
- 77 Molecular Fates of Organometallic Mercury in Human Brain.. **2022**, 1
- 76 A highly sensitive fluorescent 1,8-naphthalimide Schiff base probe for detection of Hg 2+.
- 75 Fluorescent chemosensors containing ruthenium(II) bipyridine as fluorogenic unit and modified calix[4]arene as ionophore: Synthesis, characterization, electrochemistry and ion-binding property. **2022**, 539, 121024 ○
- 74 Mercury Pollution from Artisanal and Small-Scale Gold Mining in Myanmar and Other Southeast Asian Countries. **2022**, 19, 6290 1
- 73 Plasmonic Nano Silver: An Efficient Colorimetric Sensor for the Selective Detection of Hg<sup>2+</sup> Ions in Real Samples. **2022**, 12, 763 ○
- 72 Higher mercury contamination is associated with shorter telomeres in a long-lived seabird [A direct effect or a consequence of among-individual variation in phenotypic quality?]. **2022**, 839, 156359 ○
- 71 Pyridoxal-based low molecular weight progelator as a new chemosensor for the recognition of Ag<sup>+</sup> and Hg<sup>2+</sup> under different conditions. ○
- 70 Applications of Mercury Stable Isotopes in Environmental Forensics. **2022**, 44, 175-188

- 69 Effect of Mining on Heavy Metals Toxicity and Health Risk in Selected Rivers of Ghana.
- 68 Dihydroquinazolinone based nanosensor for fluorimetric detection of Hg<sup>2+</sup> ions: Application to environmental analysis. **2022**, 18, 100717
- 67 Making the Electricity Sector Emission-Free. **2022**, 73-127
- 66 Environmental Degradation and Micro-pollutants in Light of Environmental Laws. **2022**, 53-73
- 65 Preparation and Characterization of Carboxymethyl Cellulose/Chitosan/Alginic Acid Hydrogels with Adjustable Pore Structure for Adsorption of Heavy Metal Ions.
- 64 Greenish-Yellow Emitting Carbon Dots as On-Off-On Fluorescent Probe for Selective Determination of Mercury (II) and Sulphide Ions. **2022**, 7,
- 63 The Human LRRK2 Modulates the Age-Dependent Effects of Developmental Methylmercury Exposure in *Caenorhabditis elegans*. 1
- 62 Recognition of Hg<sup>2+</sup> ion in an organic semi-aqueous medium by a new naphthalimide based fluorescent probe and its bioimaging applications. **2022**, 143, 109735 0
- 61 Colorimetric and Fluorescent Schiff Base Sensors for Trace Detection of Pollutants and Biologically Significant Cations: A Review (2010-2021). **2022**, 107798 3
- 60 Mercury concentration in hair collected from women in artisanal small-scale gold mining areas in Camarines Norte, Philippines. **2020**, 30, 13-22
- 59 New Selective Fluorescent Turn-On Sensor for Detection of Hg<sup>2+</sup> Based on a 1,8-Naphthalimide Schiff Base Derivative. **2022**, 89, 487-494 0
- 58 Plant and microbe mediated bioremediation: A long-term remedy for heavy metal pollution. 69-90
- 57 Organic Near-Infrared Luminescent Materials Based on Excited State Intramolecular Proton Transfer Process 0
- 56 Factors related to fish mercury concentrations in Iowa lakes. **2022**, 194, 0
- 55 Methylmercury-induced DNA methylation: From epidemiological observations to experimental evidence. 13, 1
- 54 Exploring the molecular mechanisms underlie the endoplasmic reticulum stress-mediated methylmercury-induced neuronal developmental damage. **2022**, 245, 114099 0
- 53 Preparation and characterization of carboxymethyl cellulose/chitosan/alginate hydrogels with adjustable pore structure for adsorption of heavy metal ions. **2022**, 179, 111577 1
- 52 Vinyl substituted triphenylamine based turn-off fluorescent probe for selective and sensitive detection of mercury (II) in water and live cells. **2023**, 285, 121887 2

51	Deubiquitinase USP54 attenuates methylmercury toxicity in human embryonic kidney 293 cells. <b>2022</b> , 9, 159-162	0
50	Plant Material Assisted Magnetic Nanoparticles (MNPs) for the Separation of Inorganic Pollutants. <b>2022</b> , 181-197	0
49	Programming long-term health: Maternal and fetal nutritional and dietary needs. <b>2022</b> , 27-63	0
48	Interdisciplinary approach to addressing lead pollution caused by mining activity in Kabwe, The Republic of Zambia. <b>2022</b> , 2, 94-111	0
47	Scientific aspects of Janapadodhwansa Vyadhi (epidemic disorders) according to Ayurveda in the context to Jwara. An epidemiological and Trisutra-based approach. <b>2022</b> , 10, 176	0
46	Rethinking ESD from the Perspective of a Socially-Marginalised Individual. <b>2022</b> , 109-122	0
45	Global research trends on maternal exposure to methylmercury and offspring health outcomes. 13,	1
44	Environmental toxicants and placental function. <b>2022</b> ,	1
43	The Role of Microalgae in the Biogeochemical Cycling of Methylmercury (MeHg) in Aquatic Environments. <b>2022</b> , 2, 344-362	0
42	Shape dependent interaction of silver nanostructures with mercury for its sensing applications. <b>2022</b> , 270, 170041	0
41	Sorption of Mercury in Batch and Fixed-Bed Column System on Hydrochar Obtained from Apple Pomace. <b>2022</b> , 10, 2114	0
40	The dynamics of mercury around an artisanal and small-scale gold mining area, Camarines Norte, Philippines.	0
39	Forward: Toxic metal exposures from infant diets. <b>2022</b> , 101275	0
38	Atmospheric Mercury Concentrations in Guangzhou City, Measured by Spectroscopic Techniques. <b>2022</b> , 13, 1650	0
37	Necrotic-like BV-2 microglial cell death due to methylmercury exposure. 13,	1
36	A Review of Mercury Waste Management in the ASEAN Oil and Gas Industry. <b>2023</b> , 27,	0
35	Exposure to mercury and thyroid function: Is there a connection?. <b>2022</b> , 72, 468-485	0
34	Analysis of Breakthrough Curve Performance Using Theoretical and Empirical Models: Hg <sup>2+</sup> Removal by Bone Char from Synthetic and Real Water.	2

- 33 Aquatic toxicology. **2022**, CABI Compendium, ○
- 32 Review on rewiring of microalgal strategies for the heavy metal remediation - A metal specific logistics and tactics. **2023**, 313, 137310 ○
- 31 Mercury in oceanic upper trophic level sharks and bony fishes - A systematic review. **2023**, 318, 120821 ○
- 30 A sensitive ratiometric fluorescent chemosensor for visual and wearable mercury (II) recognition in river prawn and water samples. **2023**, 408, 135211 ○
- 29 Mercury Contamination in Fish and Its Effects on the Health of Pregnant Women and Their Fetuses, and Guidance for Fish Consumption Narrative Review. **2022**, 19, 15929 ○
- 28 Highly Selective MOF-Based Turn-Off Luminescence Detection of Hg<sup>2+</sup> Ions in an Aqueous Medium and Its Dual Functional Catalytic Activity toward Aldol Condensation and αEnamination Reactions. ○
- 27 Potential of nanobiosensor in sustainable agriculture: the state-of-art. **2022**, 8, e12207 ○
- 26 Green synthesis and application of spiro[indoline-3,4?-pyrano[2,3-c]pyrazoles] as selective Hg (II) fluorescence sensor. ○
- 25 Adsorptive removal of heavy metals from water using thermally treated laterite: an approach for production of drinking water from rain water. 1-13 ○
- 24 Environmental toxins and neurodevelopment. **2022**, ○
- 23 The Convention on the Protection of the Underwater Cultural Heritage Achievements and Present Challenges. **2022**, 499-590 ○
- 22 Levels of Toxic and Essential Elements and Associated Factors in the Hair of Japanese Young Children. **2023**, 20, 1186 ○
- 21 Gold Nanoparticles-Based Colorimetric Assays for Environmental Monitoring and Food Safety Evaluation. 1-36 ○
- 20 Evidence on Neurotoxicity after Intrauterine and Childhood Exposure to Organomercurials. **2023**, 20, 1070 ○
- 19 Selective colorimetric signaling of mercury (II) ions using a quinoline-based probe with INHIBIT logic gate behavior and test strip. **2023**, 148, 110364 ○
- 18 Chemistry and Pollution of the Marine Environment. **2013**, 29-59 ○
- 17 Integrated Analytical Approach: An Added Value in Environmental Diagnostics. **2023**, 11, 66 1
- 16 A Recent Update on Rhodamine Dye Based Sensor Molecules: A Review. 1-27 ○

- 15 Cataracts Across the Tree of Life: A Roadmap for Prevention and Biomedical Innovation. **2023**, ○
- 14 Brain structural changes in patients with chronic methylmercury poisoning in Minamata. **2023**, 1805, 148278 ○
- 13 Heavy Metal and Trace Element Levels in Hair Samples from Fishermen in Turkey: The Fish/Ermen Heavy Metal Study (FHMS). ○
- 12 Additive manufacturing of three-dimensional graphene-based architectures and its application in environmental treatment: A review. **2023**, 465, 142943 ○
- 11 Methylmercury Exposure and Developmental Neurotoxicity: New Insights from Neural Stem Cells. **2022**, 2435-2456 ○
- 10 Advances in bacterial whole-cell biosensors for the detection of bioavailable mercury: A review. **2023**, 868, 161709 1
- 9 A Sensitive Ratiometric Fluorescent Chemosensor for Visual and Wearable Mercury (II) Recognition in River Prawn and Water Samples. ○
- 8 Association of Blood Mercury Level with Liver Enzymes in Korean Adults: An Analysis of 2015-2017 Korean National Environmental Health Survey. **2023**, 20, 3290 ○
- 7 Risk assessment of heavy metals in tuna from Japanese restaurants in the Republic of Korea. 35, ○
- 6 Green synthesis of glucose-capped stable silver nanoparticles: a cost-effective sensor for the selective detection of Hg<sup>2+</sup> ions in aqueous solutions. ○
- 5 The Threat Posed by Environmental Contaminants on Neurodevelopment: What Can We Learn from Neural Stem Cells?. **2023**, 24, 4338 ○
- 4 The long shadow of the developmental state: energy infrastructure and environmental sustainability in Southeast Asia. 1-19 ○
- 3 Visual Characteristics of Adults with Long-Standing History of Dietary Exposure to Mercury in Grassy Narrows First Nation, Canada. **2023**, 20, 4827 ○
- 2 Screening of Methylmercury-Resistance in Bacterial Culture Strains Isolated from Soil of Oak Ridge Reservation Site, USA. ○
- 1 Clinical and Forensic Signs Resulting from Exposure to Heavy Metals and Other Chemical Elements of the Periodic Table. **2023**, 12, 2591 ○