

カドミウムの確認対象文献リスト

a: 調査事業 b: 追加調査

参考資料3-3

	Title	Author	Year	Journal	備考	評価書に引用すべき文献	コメント
<b>ばく露【国内:溶出】</b>							
001 a	デコレーションケーキ等のオーナメントの衛生学的実態調査	寺村ら	2010	食品衛生研究			
002 a	ステンレス製の食品用容器および調理器具中の含有金属に関する実態調査	塩澤ら	2017	食品衛生学雑誌			
<b>ばく露【国内:食品中濃度】</b>							
003 a	食品中の有害物質等の摂取量の調査及び評価に関する研究 福井県における日常食中の汚染物摂取量調査	中村ら	2012	福井県衛生環境研究センター年報			
004 a	沖縄県における日常食品からの環境汚染物質等の無機元素の1日摂取量調査 12年間の推移(2001-2012)	國仲ら	2013	沖縄県衛生環境研究所報			
<b>ばく露【国内:HBM】</b>							
005 a	カドミウムの短期間・低濃度ばく露時に見られるモニタリング指標の早期変化	臼田ら	2011	産業医学ジャーナル			
006 a	Biomonitoring of mercury, cadmium, and lead exposure in Japanese children: a cross-sectional study	Ilmiawati et al.	2015	Environ Health Prev Med			
<b>ばく露【国外:溶出】</b>							
007 a	Migration of 18 trace elements from ceramic food contact material: influence of pigment, pH, nature of acid and temperature	Demont et al.	2012	Food Chem Toxicol			
008 a	Method for assessing lead, cadmium, mercury and arsenic in high-density polyethylene packaging and study of the migration into yoghurt and simulant	Kiyataka et al.	2014	Food Addit Contam Part A Chem Anal Control Expo Risk Assess			
009 a	Exposure to lead and cadmium released from ceramics and glassware intended to come into contact with food	Rebeniak et al.	2014	Roczniki PZH			
010 a	Formaldehyde and heavy metal migration from rubber and metallic packaging/utensils in Korea	Kim et al.	2015	Food Addit Contam Part B Surveill			
<b>体内動態</b>							
011 a	Fibroblast growth factor 23 mediates the phosphaturic actions of cadmium	Aranami et al.	2010	J Med Invest			
012 a	Estrogen-like effects of diet-derived cadmium differ from those of orally administered CdCl <sub>2</sub> in the ERE-luc estrogen reporter mouse model	Ramachandran et al.	2011	Toxicol Lett			
013 a	Comparative tissue distributions of cadmium chloride and cadmium-based quantum dot 705 in mice: Safety implications and applications	Yeh et al.	2011	Nanotoxicology			
014 a	Gene expression differences in the duodenum of 129/Sv and DBA/2 mice compared with that of C57BL/6J mice	Imai et al.	2014	J Toxicol Sci			

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015 a	Sex differences in shotgun proteome analyses for chronic oral intake of cadmium in mice	Yamanobe et al.	2015	PLoS ONE			
016 a	Time-dependent Changes of Cadmium and Metallothionein after Short-term Exposure to Cadmium in Rats	Cho et al.	2010	Toxicol Res			
017 a	Estimation of absorbed cadmium in tissues of male and female albino rats through different routes of administration	Nwokocha et al.	2011	Niger J Physiol Sci			
018 a	Cadmium in placenta – A valuable biomarker of exposure during pregnancy in biomedical research	Piasek et al.	2014	J Toxicol Environ Health Part A			

#### 動物実験【腎臓】

019 a	Impact of oral cadmium intoxication on levels of different essential trace elements and oxidative stress measures in mice: a response to dose	Kumar et al.	2018	Environ Sci Pollut Res Int			
020 a	Cadmium induced renal toxicity in male rats, <i>Rattus rattus</i>	Siddiqui	2010	Eastern Journal of Medicine			
021 b	Metabonomics analysis of kidneys in rats administered with chronic low-dose cadmium by ultra-performance liquid chromatography-mass spectrometry	Zhang et al.	2019 a	J Appl Toxicol			
022 b	Effects of sub-chronic, low-dose cadmium exposure on kidney damage and potential mechanisms	Liu et al.	2019 a	Ann Transl Med			

#### 動物実験【骨】

023 b	Effect of cadmium on osteoclast differentiation during bone injury in female mice	He et al.	2020	Environ Toxicol			
024 a	Effects of low, moderate and relatively high chronic exposure to cadmium on long bones susceptibility to fractures in male rats	Brzóška et al.	2010	Environ Toxicol Pharmacol			
025 a	Low-level chronic exposure to cadmium enhances the risk of long bone fractures: A study on a female rat model of human lifetime exposure	Brzóška	2012	J Appl Toxicol			
026 a	Cadmium impact and osteoporosis: Mechanism of action	Youness et al.	2012	Toxicol Mech Methods			
027 a	Environmental level of cadmium exposure stimulates osteoclasts formation in male rats	Chen et al.	2013	Food Chem Toxicol			
028 a	Combined effects of estrogen deficiency and cadmium exposure on calcified hard tissues: animal model relating to itai-itai disease in postmenopausal women	Kakei et al.	2013	Proc Jpn Acad, Ser B, Physiol sci			
029 a	Toxicological effects of cadmium during pregnancy in Wistar albino rats	Aprioku et al.	2014	Toxicol Environ Health Sci			
030 a	Effect of a single dose of cadmium on pregnant Wistar rats and their offspring	del C Diaz et al.	2014	Reproduction in domestic animals = Zuchthygiene			
031 a	Changes in compact bone microstructure of rats subchronically exposed to cadmium	Duranova et al.	2014	Acta Vet Scand			
032 b	Bone mineral health is sensitively related to environmental cadmium exposure- experimental and human data	Buha et al.	2019	Environ Res			

#### 動物実験【呼吸器】

	Title	Author	Year	Journal	備考	評価書に引用すべき文献	コメント
033 b	Low-dose cadmium disrupts mitochondrial citric acid cycle and lipid metabolism in mouse lung	Hu et al.	2019	Free Radic Biol Med			
034 b	Proinflammatory effects of environmental cadmium boost resistance to opportunistic pathogen <i>Aspergillus fumigatus</i> : Implications for sustained low-level pulmonary inflammation?	Kulas et al.	2021	Toxicology			
<b>動物実験【心血管】</b>							
035 a	Non-Toxic Cadmium Concentrations Induce Vascular Inflammation and Promote Atherosclerosis	Knoflach et al.	2011	Circulation Journal			
036 a	Combination of cadmium and high cholesterol levels as a risk factor for heart fibrosis	Türkcan et al.	2015	Toxicol Sci			
037 b	Chronic Cadmium Exposure Accelerates the Development of Atherosclerosis and Induces Vascular Dysfunction in the Aorta of ApoE -/- Mice	Oliveira et al.	2019	Biol Trace Elem Res			
038 a	Chronic Cadmium Treatment Promotes Oxidative Stress and Endothelial Damage in Isolated Rat Aorta	Almenara et al.	2013	PLoS ONE			
<b>動物実験【神経】</b>							
039 a	Autism-Like Behavior and Epigenetic Changes Associated with Autism as Consequences of in Utero Exposure to Environmental Pollutants in a Mouse Model	Hill et al.	2015	Behav Neurol			
040 a	Cadmium exposure impairs cognition and olfactory memory in male C57BL/6 mice	Wang et al.	2018	Toxicol Sci			
041 b	Impairment of learning and memory of mice offspring at puberty, young adulthood, and adulthood by low-dose Cd exposure during pregnancy and lactation via GABA(A)R $\alpha 5$ and $\delta$ subunits	Zhao et al.	2018	Ecotoxicol Environ Saf			
042 b	The Administration of Cadmium for 2, 3 and 4 Months Causes a Loss of Recognition Memory, Promotes Neuronal Hypotrophy and Apoptosis in the Hippocampus of Rats	Pulido et al.	2019	Neurochem Res			
<b>動物実験【内分泌】</b>							
043 a	Calcitonin gene-related peptide (CGRP) – Microadenomas of the thyroid gland induced by cadmium toxicity. Experimental study	Jancic et al.	2011	Journal of B.U.ON			
<b>動物実験【生殖】</b>							
044 a	Preneoplastic and neoplastic changes in the Leydig cells population in mice exposed to low doses of cadmium	Blanco et al.	2010	Toxicol Ind Health			
045 a	Maternal cadmium exposure reduces placental zinc transport and induces fetal growth restriction in mice	Wang et al.	2016	Reprod Toxicol			
046 a	A morphological study of uterine alterations in mice due to exposure to cadmium	Sapmaz-Metin et al.	2017	Biotech Histochem			
047 a	Cadmium Exposure of Female Mice Impairs the Meiotic Maturation of Oocytes and Subsequent Embryonic Development	Zhu et al.	2018	Toxicol Sci			
048 b	The effects of long-term exposure to low doses of cadmium on the health of the next generation of mice	Zhang et al.	2019 b	Chem Biol Interact			
049 b	Maternal cadmium exposure during late pregnancy causes fetal growth restriction via inhibiting placental progesterone synthesis	Xiong et al.	2020	Ecotoxicol Environ Saf			

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050 a	Early changes induced by short-term low-dose cadmium exposure in rat ventral and dorsolateral prostates	Lacorte et al.	2011	Microscopy research and technique			
051 a	Long-term effects of perinatal exposure to low doses of cadmium on the prostate of adult male rats	Santana et al.	2016	Int J Exp Pathol			
052 a	Environmentally Realistic Doses of Cadmium as a Possible Etiologic Agent for Idiopathic Pathologies	Leite et al.	2015	Biol Trace Elem Res			
053 a	Sperm motility and morphology changes in rats exposed to cadmium and diazinon	Adamkovicova et al.	2016	Reprod Biol Endocrinol			
054 a	Cadmium, iron and zinc interaction and hematological parameters in rat dams and their offspring	Mikolić et al.	2016	J Trace Elem Med Biol			
055 b	Subchronic Exposure to Cadmium Causes Persistent Changes in the Reproductive System in Female Wistar Rats	Nasiadek et al.	2019	Oxid Med Cell Longev			
056 b	Subacute cadmium exposure disrupts the hypothalamic-pituitary-gonadal axis, leading to polycystic ovarian syndrome and premature ovarian failure features in female rats	da Costa et al.	2021	Environ Pollut			
<b>動物実験【その他】</b>							
057 a	Brain most susceptible to cadmium induced oxidative stress in mice	Agnihotri et al.	2015	J Trace Elem Med Biol			
058 a	Preferential elimination of older erythrocytes in circulation and depressed bone marrow erythropoietic activity contribute to cadmium induced anemia in mice	Chatterjee and Saxena	2015	PLoS ONE			
059 a	Low-Dose Cadmium Causes Metabolic and Genetic Dysregulation Associated with Fatty Liver Disease in Mice	Go et al.	2015	Toxicol Sci			
060 b	Inhibition of Mitochondrial Fatty Acid Oxidation Contributes to Development of Nonalcoholic Fatty Liver Disease Induced by Environmental Cadmium Exposure	He et al.	2019	Environ Sci Technol			
061 b	Chronic cadmium exposure induced hepatic cellular stress and inflammation in aged female mice	Zhang et al.	2019 c	J Appl Toxicol			
062 b	Gestational Cd Exposure in the CD-1 Mouse Induces Sex-Specific Hepatic Insulin Insensitivity, Obesity, and Metabolic Syndrome in Adult Female Offspring	Jackson et al.	2020	Toxicol Sci			
063 b	Cadmium induces iron deficiency anemia through the suppression of iron transport in the duodenum	Fujiwara et al.	2020	Toxicol Lett			
064 a	Effects of lead and/or cadmium on the distribution patterns of some essential trace elements in immature female rats	Wang et al.	2011	Hum Exp Toxicol			
065 a	Impaired lipid levels and inflammatory response in rats exposed to cadmium	Afolabi et al.	2012	EXCLI Journal			
066 a	Effect of chronic exposure to cadmium on serum lipid, lipoprotein and oxidative stress indices in male rats	Samarghandian et al.	2015	Interdiscip Toxicol			
067 a	Metabonomics analysis of serum from rats given long-term and low-level cadmium by ultra-performance liquid chromatography-mass spectrometry	Hu et al.	2017	Xenobiotica			

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068 a	Impact of chronic and low cadmium exposure of rats: sex specific disruption of glucose metabolism	Jacquet et al.	2018	Chemosphere			
069 a	Evaluation of cadmium-induced nephrotoxicity using urinary metabolomic profiles in sprague-dawley male rats	Lee et al.	2014	J Toxicol Environ Health Part A			
070 a	Comparative effect of water and food-chain mediated cadmium exposure in rats	Asagba	2010	BioMetals			
071 a	Effect of Cadmium on Lipid Peroxidation and on Some Antioxidants in the Liver, Kidneys and Testes of Rats Given Diet Containing Cadmium-polluted Radish Bulbs	Haouem and El Hani	2013	J Toxicol Pathol			
072 a	Study of the influence of the ph of water in the initiation of digestive tract injury in cadmium poisoning in rats	Nai et al.	2015	Toxicol Rep			
073 a	Cadmium treatment induces echinocytosis, DNA damage, inflammation, and apoptosis in cardiac tissue of albino Wistar rats	Ghosh and Indra	2018	Environ Toxicol Pharmacol			
074 b	Histological analysis of the effects of cadmium, chromium and mercury alone and in combination on the spleen of male Sprague-Dawley rats	Venter et al.	2020	J Environ Sci Health A Tox Hazard Subst Environ Eng			
<b>疫学【腎臓】</b>							
075 a	Application of hybrid approach for estimating the benchmark dose of urinary cadmium for adverse renal effects in the general population of Japan	Suwazono et al.	2011	J Appl Toxicol			
076 a	Bi-linear dose-response relationship in general populations with low-level cadmium exposures in non-polluted areas in Japan	Ikedo et al.	2012	Int Arch Occup Environ Health			
077 b	Estimation of Benchmark Dose of Lifetime Cadmium Intake for Adverse Renal Effects Using Hybrid Approach in Inhabitants of an Environmentally Exposed River Basin in Japan	Kubo et al.	2017	Risk Analysis	食品安全委員会委員提供		
078 a	The effects of low environmental cadmium exposure on bone density	Trzcinka-Ochocka et al.	2010	Environ Res			
079 b	Blood cadmium and estimated glomerular filtration rate in Korean adults	Hwangbo et al.	2011	Environ Health Perspect			
080 b	Blood cadmium and moderate-to-severe glomerular dysfunction in Korean adults: analysis of KNHANES 2005-2008 data	Myong et al.	2012	Int Arch Occup Environ Health			

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081 a	Application of BMD approach to identify thresholds of cadmium-induced renal effect among 35 to 55 year-old women in two cadmium polluted counties in China	Wang et al.	2014	PLoS ONE			
082 a	An Integrative Study of the Genetic, Social and Environmental Determinants of Chronic Kidney Disease Characterized by Tubulointerstitial Damages in the North Central Region of Sri Lanka	Nanayakkara et al.	2015	J Occup Health			
083 b	Systematic evaluation of exposure to trace elements and minerals in patients with chronic kidney disease of uncertain etiology (CKDu) in Sri Lanka	Nanayakkara et al.	2019	J Trace Elem Med Biol			
084 b	Evidence of selected nephrotoxic elements in Sri Lankan human autopsy bone samples of patients with CKDu and controls	Ananda Jayalal et al.	2020	BMC Nephrol			
085 b	Urinary and Blood Cadmium and Lead and Kidney Function: NHANES 2007-2012	Buser et al.	2016	Int J Hyg Environ Health	鉛評価書引用		
<b>疫学【骨】</b>							
086 b	Dietary Cadmium Exposure and Fracture Incidence Among Men: A Population-Based Prospective Cohort Study	Thomas et al.	2011	J Bone Miner Res	ANSES(2017)引用		
087 b	Long-Term Cadmium Exposure and the Association With Bone Mineral Density and Fractures in a Population-Based Study Among Women	Engström et al.	2011	J Bone Miner Res	ANSES(2017)引用		
088 b	Associations between dietary cadmium exposure and bone mineral density and risk of osteoporosis and fractures among women	Engström et al.	2012	Bone	ANSES(2017)引用		
089 b	Hip fracture risk and cadmium in erythrocytes: a nested case-control study with prospectively collected samples	Sommar et al.	2014	Calcif Tissue Int			
090 b	Low-Level Cadmium Exposure Is Associated With Decreased Bone Mineral Density and Increased Risk of Incident Fractures in Elderly Men: The MrOS Sweden Study	Wallin et al.	2016	J Bone Miner Res	ANSES(2017)引用		
091 b	Increased blood cadmium levels were not associated with increased fracture risk but with increased total mortality in women: the Malmö Diet and Cancer Study	Moberg et al.	2017	Osteoporos Int	ANSES(2017)引用		
092 b	The relationship between the bone mineral density and urinary cadmium concentration of residents in an industrial complex	Shin et al.	2011	Environ Res			
093 b	Association between blood cadmium level and bone mineral density reduction modified by renal function in young and middle-aged men	Burn et al.	2015	J Trace Elem Med Biol			
094 b	Investigation of the relationship between low environmental exposure to metals and bone mineral density, bone resorption and renal function	Callan et al.	2015	Int J Hyg Environ Health			
095 b	Cadmium Exposure and Osteoporosis: A Population-Based Study and Benchmark Dose Estimation in Southern China	Lv et al.	2017	J Bone Miner Res			
<b>疫学【発がん】</b>							
096 b	Long-term dietary cadmium intake and cancer incidence	Sawada et al.	2012	Epidemiology			
097 b	Dietary cadmium intake and breast cancer risk in Japanese women: a case-control study	Itoh et al.	2014	Int J Hyg Environ Health			

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098 b	Dietary cadmium exposure and risk of epithelial ovarian cancer in a prospective cohort of Swedish women	Julin et al.	2011	Br J Cancer			
099 b	Dietary cadmium exposure and prostate cancer incidence: a population-based prospective cohort study	Julin et al.	2012 a	Br J Cancer			
100 b	Dietary cadmium exposure and risk of postmenopausal breast cancer: a population-based prospective cohort study	Julin et al.	2012 b	Cancer Res			
101 a	Dietary cadmium intake and risk of breast, endometrial and ovarian cancer in danish postmenopausal women: A prospective cohort study	Eriksen et al.	2014	PLoS ONE			
102 a	Dietary cadmium intake and risk of prostate cancer: A Danish prospective cohort study	Eriksen et al.	2015	BMC Cancer			
103 a	Cadmium exposure and pancreatic cancer in South Louisiana	Luckett et al.	2012	J Environ Public Health			
104 b	Dietary cadmium and risk of invasive postmenopausal breast cancer in the VITAL cohort	Adams et al.	2012 a	Cancer Causes Control			
105 b	Urinary Cadmium and Risk of Invasive Breast Cancer in the Women's Health Initiative	Adams et al.	2016	Am J Epidemiol			
106 b	Cadmium exposure and endometrial cancer risk: A large midwestern U.S. population-based case-control study	McElroy et al.	2017	PLoS One			
107 b	Case-control study of brain and other central nervous system cancer among workers at semiconductor and storage device manufacturing facilities	Rodrigues et al.	2020	Occup Environ Med			
108 b	Influence of KRAS mutations, persistent organic pollutants, and trace elements on survival from pancreatic ductal adenocarcinoma	Porta et al.	2020	Environ Res			
<b>疫学【呼吸器】</b>							
109 b	Blood cadmium levels are associated with a decline in lung function in males	Oh et al.	2014	Environ Res			
110 b	The association between blood cadmium level and airflow obstruction in Korean men	Yoon et al.	2015	Ann Hum Biol			
111 a	Cadmium and nickel in blood of Tunisian population and risk of nasosinusal polyposis disease	Khelifi et al.	2015	Environ Sci Pollut Res			
<b>疫学【心血管】</b>							
112 b	Cadmium exposure, intercellular adhesion molecule-1 and peripheral artery disease: a cohort and an experimental study	Fagerberg et al.	2013	BMJ Open			
113 a	Cadmium exposure and atherosclerotic carotid plaques -Results from the Malmö diet and Cancer study	Fagerberg et al.	2015	Environ Res			
114 b	Blood Cadmium Levels and Incident Cardiovascular Events during Follow-up in a Population-Based Cohort of Swedish Adults: The Malmö Diet and Cancer Study	Barregard et al.	2016	Environ Health Perspect			
115 b	Cadmium, Carotid Atherosclerosis, and Incidence of Ischemic Stroke	Borné et al.	2017	J Am Heart Assoc			

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116 b	Cadmium Exposure and Coronary Artery Atherosclerosis: A Cross-Sectional Population-Based Study of Swedish Middle-Aged Adults	Barregard et al.	2021	Environ Health Perspect			
117 a	Early exposure to toxic metals has a limited effect on blood pressure or kidney function in later childhood, rural bangladesh	Hawkesworth et al.	2013	Int J Epidemiol			
118 b	Association of low-level blood lead and blood pressure in NHANES 1999-2006	Scinicariell et al.	2011	Environ Res	鉛評価書引用		
119 b	Cadmium exposure and incident cardiovascular disease	Tellez-Plaza et al.	2013 a	Epidemiology			
120 b	Cadmium exposure and incident peripheral arterial disease	Tellez-Plaza et al.	2013 b	Circ Cardiovasc Qual Outcomes			
121 b	Urinary cadmium concentration and the risk of ischemic stroke	Chen et al.	2018	Neurology			
122 b	Trace Minerals, Heavy Metals, and Preeclampsia: Findings from the Boston Birth Cohort	Liu et al.	2019 b	J Am Heart Assoc			
123 b	Association of blood cadmium with hypertension in the Korean general population: analysis of the 2008-2010 Korean National Health and Nutrition Examination Survey data	Lee and Kim	2012	Am J Ind Med			
124 b	Combined Effect of Blood Cadmium and Lead Levels on Coronary Heart Disease Prediction Risk in Korean Men	Cho et al.	2015	Angiology	鉛評価書引用		
125 b	Association of Blood Pressure with Exposure to Lead and Cadmium: Analysis of Data from the 2008-2013 Korean National Health and Nutrition Examination Survey	Lee et al.	2016	Biol Trace Elem Res			
126 b	The association of urine metals and metal mixtures with cardiovascular incidence in an adult population from Spain: the Hortegea Follow-Up Study	Domingo-Relloso et al.	2019	Int J Epidemiol			
<b>疫学【生命予後】</b>							
127 b	All-cause mortality increased by environmental cadmium exposure in the Japanese general population in cadmium non-polluted areas	Suwazono et al.	2015	J Appl Toxicol			
128 b	Relationship between cancer mortality and environmental cadmium exposure in the general Japanese population in cadmium non-polluted areas	Watanabe et al.	2020	Int J Hyg Environ Health			
129 b	Environmental cadmium exposure and noncancer mortality in a general Japanese population in cadmium nonpolluted regions	Suwazono et al.	2021	J Appl Toxicol			
130 b	Cadmium exposure and all-cause and cardiovascular mortality in the U.S. general population	Tellez-Plaza et al.	2012	Environ Health Perspect			
131 b	Cadmium exposure and cancer mortality in the Third National Health and Nutrition Examination Survey cohort	Adams et al.	2012 b	Occup Environ Med			
132 b	Increased risk of cancer mortality associated with cadmium exposures in older Americans with low zinc intake	Lin et al.	2013	J Toxicol Environ Health A			
133 b	Blood Lead and Other Metal Biomarkers as Risk Factors for Cardiovascular Disease Mortality	Aoki et al.	2016	Medicine (Baltimore)	Erratumあり 鉛評価書引用		
134 b	Does Information on Blood Heavy Metals Improve Cardiovascular Mortality Prediction?	Wang et al.	2019	J Am Heart Assoc	鉛評価書引用		



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135 b	Cadmium exposure and cancer mortality in a prospective cohort: the strong heart study	García-Esquinas et al.	2014	Environ Health Perspect			
<b>疫学【神経】</b>							
136 b	Association of prenatal exposure to cadmium with neurodevelopment in children at 2 years of age: The Japan Environment and Children's Study	Ma et al.	2021	Environ Int	エコチル調査		
137 a	Environmental exposure of heavy metal (lead and cadmium) and hearing loss: Data from the Korea National Health and Nutrition Examination Survey (KNHANES 2010–2013)	Kang et al.	2018	Ann Occup Environ Med	鉛評価書引用		
138 b	Human predisposition to cognitive impairment and its relation with environmental exposure to potentially toxic elements	Cabral Pinto et al.	2018	Environ Geochem Health			
139 b	Heavy Metals Exposure and Hearing Loss in US Adolescents	Shargorodsky et al.	2011	Arch Otolaryngol Head Neck Surg	鉛評価書引用		
140 b	Cadmium exposure and neurodevelopmental outcomes in U.S. children	Ciesielski et al.	2012	Environ Health Perspect			
141 b	Environmental Cadmium and Lead Exposures and Hearing Loss in U.S. Adults: The National Health and Nutrition Examination Survey, 1999 to 2004	Choi et al.	2012	Environ Health Perspect	鉛評価書引用		
<b>疫学【内分泌】</b>							
142 b	Association between maternal blood cadmium and lead concentrations and gestational diabetes mellitus in the Japan Environment and Children's Study	Oguri et al.	2018	Int Arch Occup Environ Health	エコチル調査 鉛評価書引用		
143 a	Comparative metal distribution in scalp hair of Pakistani and Irish referents and diabetes mellitus patients	Afridi et al.	2013	Clinica Chimica Acta			
144 b	Cadmium exposure in relation to insulin production, insulin sensitivity and type 2 diabetes: a cross-sectional and prospective study in women	Barregard et al.	2013	Environ Res			
<b>疫学【生殖】</b>							
145 a	Maternal exposure to low-level heavy metals during pregnancy and birth size	Shirai et al.	2010	J Environ Sci Health A			
146 a	The association between whole blood concentrations of heavy metals in pregnant women and premature births: The Japan Environment and Children's Study (JECS)	Tsuji et al.	2018	Environ Res			
147 b	Associations between metal concentrations in whole blood and placenta previa and placenta accreta: the Japan Environment and Children's Study (JECS)	Tsuji et al.	2019 a	Environ Health Prev Med	エコチル調査 鉛評価書引用		
148 b	Association of blood cadmium levels in pregnant women with infant birth size and small for gestational age infants: The Japan Environment and Children's study	Inadera et al.	2020	Environ Res	エコチル調査		
149 b	Exposure to heavy metals modifies optimal gestational weight gain: A large nationally representative cohort of the Japan Environment and Children's Study	Jung et al.	2021	Environ Int	エコチル調査 鉛評価書引用		
150 b	Association between the Concentrations of Metallic Elements in Maternal Blood during Pregnancy and Prevalence of Abdominal Congenital Malformations: The Japan Environment and Children's Study	Miyashita et al.	2021	Int J Environ Res Public Health	エコチル調査		
151 a	Does prenatal cadmium exposure affect fetal and child growth?	Lin et al.	2011	Occup Environ Med			
152 a	Maternal cadmium exposure during pregnancy and size at birth: a prospective cohort study	Kippler et al.	2012 a	Environ Health Perspect			
153 b	Early-life cadmium exposure and child development in 5-year-old girls and boys: a cohort study in rural Bangladesh	Kippler et al.	2012 b	Environ Health Perspect			

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154 a	Cadmium level in pregnancy, influence on neonatal birth weight and possible amelioration by some essential trace elements	Ikeh-Tawari et al.	2013	Toxicol Int			
155 a	Association between arsenic, cadmium, manganese, and lead levels in private wells and birth defects prevalence in North Carolina: a semi-ecologic study	Sanders et al.	2014	BMC public health			
156 a	Associations between toxic and essential trace elements in maternal blood and fetal congenital heart defects	Ou et al.	2017	Environ Int			
157 b	Umbilical Cord Concentrations of Selected Heavy Metals and Risk for Orofacial Clefts	Ni et al.	2018	Environ Sci Technol			
<b>疫学【その他】</b>							
158 a	Assessment of lifestyle effect on oxidative stress biomarkers in free-living elderly in rural Japan	Muzembo et al.	2013	Geriatr Gerontol Int			
159 b	Associations between metal levels in whole blood and IgE concentrations in pregnant women based on data from the Japan Environment and Children's Study	Tsuji et al.	2019 b	J Epidemiol	エコチル調査 鉛評価書引用		
160 a	Distribution of metals exposure and associations with cardiometabolic risk factors in the "modeling the Epidemiologic Transition Study"	Ettinger et al.	2014	Environmental Health: A Global Access Science Source			
161 b	Cadmium exposure and liver disease among US adults	Hyder et al.	2013	J Gastrointest Surg			
162 a	Biomarkers of exposure to molybdenum and other metals in relation to testosterone among men from the United States National Health and Nutrition Examination Survey 2011-2012	Lewis and Meeker	2015	Fertil Steril			
163 a	Association of global DNA methylation and global DNA hydroxymethylation with metals and other exposures in human blood DNA samples	Tellez-Plaza et al.	2014	Environ Health Perspect			
164 a	Association of cadmium and arsenic exposure with salivary telomere length in adolescents in Terai, Nepal	Fillman et al.	2016	Environ Res			
165 b	Effects of chelating agents on heavy metals in Hepatitis C Virus (HCV) patients	Aslam et al.	2019	Math Biosci Eng			

全文訳あり