

# Fumihiko Sata

## List of Publications by Year in descending order

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70  
papers

2,649  
citations

218381

26  
h-index

189595

50  
g-index

74  
all docs

74  
docs citations

74  
times ranked

3456  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perfluorooctane Sulfonate (PFOS) and Related Perfluorinated Compounds in Human Maternal and Cord Blood Samples: Assessment of PFOS Exposure in a Susceptible Population during Pregnancy. <i>Environmental Health Perspectives</i> , 2004, 112, 1204-1207.	2.8	394
2	CYP3A4 allelic variants with amino acid substitutions in exons 7 and 12: Evidence for an allelic variant with altered catalytic activity. <i>Clinical Pharmacology and Therapeutics</i> , 2000, 67, 48-56.	2.3	286
3	Maternal serum and amniotic fluid bisphenol A concentrations in the early second trimester. <i>Reproductive Toxicology</i> , 2002, 16, 735-739.	1.3	214
4	Preoperative aortic root geometry and postoperative cusp configuration primarily determine long-term outcome after valve-preserving aortic root repair. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, 1389-1395.e1.	0.4	149
5	Effects of Prenatal Exposure to Polychlorinated Biphenyls and Dioxins on Mental and Motor Development in Japanese Children at 6 Months of Age. <i>Environmental Health Perspectives</i> , 2006, 114, 773-778.	2.8	118
6	Cohort Profile: The Hokkaido Study on Environment and Children's Health in Japan. <i>International Journal of Epidemiology</i> , 2011, 40, 611-618.	0.9	109
7	Comparative study of human and mouse pregnane X receptor agonistic activity in 200 pesticides using in vitro reporter gene assays. <i>Toxicology</i> , 2011, 280, 77-87.	2.0	74
8	CYP2D6 ultrarapid metabolizer genotype as a potential modifier of smoking behaviour. <i>Pharmacogenetics and Genomics</i> , 2000, 10, 5-10.	5.7	62
9	Autonomic neurotoxicity of alcohol assessed by heart rate variability. <i>Journal of the Autonomic Nervous System</i> , 1994, 48, 105-111.	1.9	54
10	Genetic polymorphisms of ESR1 and ESR2 that may influence estrogen activity and the risk of hypospadias. <i>Human Reproduction</i> , 2008, 23, 1466-1471.	0.4	49
11	Caffeine intake, CYP1A2 polymorphism and the risk of recurrent pregnancy loss. <i>Molecular Human Reproduction</i> , 2005, 11, 357-360.	1.3	48
12	Adverse Birth Outcomes Associated with Maternal Smoking and Polymorphisms in the N-Nitrosamine-Metabolizing Enzyme Genes NQO1 and CYP2E1. <i>American Journal of Epidemiology</i> , 2007, 167, 719-726.	1.6	44
13	Visual Dysfunction in Workers Exposed to a Mixture of Organic Solvents. <i>NeuroToxicology</i> , 2003, 24, 703-710.	1.4	42
14	Single nucleotide polymorphisms in the promoter region of the interleukin-6 gene and the risk of recurrent pregnancy loss in Japanese women. <i>Fertility and Sterility</i> , 2004, 81, 374-378.	0.5	41
15	Concentrations of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, and dioxin-like polychlorinated biphenyls in blood and breast milk collected from 60 mothers in Sapporo City, Japan. <i>Chemosphere</i> , 2008, 72, 1152-1158.	4.2	41
16	Adjustment for urinary flow rate: an improved approach to biological monitoring. <i>International Archives of Occupational and Environmental Health</i> , 1990, 62, 471-477.	1.1	37
17	Genetic Polymorphisms of 17 $\beta$ -Hydroxysteroid Dehydrogenase 3 and the Risk of Hypospadias. <i>Journal of Sexual Medicine</i> , 2010, 7, 2729-2738.	0.3	37
18	Changes in T Cell Subpopulations in Lead Workers. <i>Environmental Research</i> , 1998, 76, 61-64.	3.7	36

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19	Predictors of postoperative outcome after pulmonary endarterectomy from a 14-year experience with 279 patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2011, 40, 154-161.	0.6	36
20	The Estimated Prevalence of Hypospadias in Hokkaido, Japan. <i>Journal of Epidemiology</i> , 2004, 14, 73-77.	1.1	35
21	Genetic Factors in Fetal Growth Restriction and Miscarriage. <i>Seminars in Thrombosis and Hemostasis</i> , 2005, 31, 334-345.	1.5	35
22	Polycystic ovary syndrome is associated with genetic polymorphism in the insulin signaling gene IRS-1 but not ENPP1 in a Japanese population. <i>Life Sciences</i> , 2007, 81, 850-854.	2.0	34
23	Interaction between maternal caffeine intake during pregnancy and CYP1A2 C164A polymorphism affects infant birth size in the Hokkaido study. <i>Pediatric Research</i> , 2017, 82, 19-28.	1.1	30
24	Functional maternal catechol-O-methyltransferase polymorphism and fetal growth restriction. <i>Pharmacogenetics and Genomics</i> , 2006, 16, 775-781.	0.7	29
25	Genetic association of aromatic hydrocarbon receptor (AHR) and cytochrome P450, family 1, subfamily A, polypeptide 1 (CYP1A1) polymorphisms with dioxin blood concentrations among pregnant Japanese women. <i>Toxicology Letters</i> , 2013, 219, 269-278.	0.4	27
26	Effects of the Interaction between Interleukin-6-634C/G Polymorphism and Smoking on Serum C-Reactive Protein Concentrations. <i>Hypertension Research</i> , 2007, 30, 593-599.	1.5	25
27	Aortic annulus does not dilate over time after aortic root remodeling with or without annuloplasty. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 885-894.e3.	0.4	25
28	Pregnancy-associated plasma protein-A polymorphism and the risk of recurrent pregnancy loss. <i>Journal of Reproductive Immunology</i> , 2006, 70, 99-108.	0.8	24
29	Inflammation as a cardiovascular risk factor and pulse wave velocity as a marker of early-stage atherosclerosis in the Japanese population. <i>Environmental Health and Preventive Medicine</i> , 2009, 14, 159-164.	1.4	24
30	Exploiting Gene-Environment Interaction to Detect Adverse Health Effects of Environmental Chemicals on the Next Generation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 102, 191-203.	1.2	23
31	A polymorphism in the CYP17 gene and intrauterine fetal growth restriction. <i>Molecular Human Reproduction</i> , 2004, 10, 49-53.	1.3	22
32	Concentrations of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans, and dioxin-like polychlorinated biphenyls in blood collected from 195 pregnant women in Sapporo City, Japan. <i>Chemosphere</i> , 2007, 69, 1228-1237.	4.2	22
33	Combined effects of AHR, CYP1A1, and XRCC1 genotypes and prenatal maternal smoking on infant birth size: Biomarker assessment in the Hokkaido Study. <i>Reproductive Toxicology</i> , 2016, 65, 295-306.	1.3	22
34	Genistein-Induced Changes in Gene Expression in Panc 1 Cells at Physiological Concentrations of Genistein. <i>Pancreas</i> , 2004, 29, 93-98.	0.5	21
35	Influence of genetic polymorphisms of styrene-metabolizing enzymes and smoking habits on levels of urinary metabolites after occupational exposure to styrene. <i>Toxicology Letters</i> , 2005, 160, 84-91.	0.4	19
36	Gender-specific association of exposure to non-dioxin-like polychlorinated biphenyls during pregnancy with methylation levels of H19 and long interspersed nuclear element-1 in cord blood in the Hokkaido study. <i>Toxicology</i> , 2017, 390, 135-145.	2.0	19

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37	Association between maternal passive smoking and increased risk of delivering small-for-gestational-age infants at full-term using plasma cotinine levels from The Hokkaido Study: a prospective birth cohort. <i>BMJ Open</i> , 2019, 9, e023200.	0.8	18
38	Adjustment of creatinine-adjusted values in urine to urinary flow rate: a study of eleven heavy metals and organic substances. <i>International Archives of Occupational and Environmental Health</i> , 1996, 68, 64-68.	1.1	17
39	Optimal proportions of gelatin-resorcin-formalin components in aortic surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 36, 962-966.	0.6	17
40	The contributions of resistin and adiponectin gene single nucleotide polymorphisms to the genetic risk for polycystic ovary syndrome in a Japanese population. <i>Gynecological Endocrinology</i> , 2009, 25, 498-503.	0.7	16
41	Risk factors for prophylactic proximal aortic replacement in the current era. <i>Clinical Research in Cardiology</i> , 2014, 103, 431-440.	1.5	16
42	Interleukin-4 Gene Polymorphism is not Involved in the Risk of Recurrent Pregnancy Loss. <i>American Journal of Reproductive Immunology</i> , 2004, 52, 143-146.	1.2	14
43	Congener-specific analysis of non-dioxin-like polychlorinated biphenyls in blood collected from 195 pregnant women in Sapporo City, Japan. <i>Chemosphere</i> , 2008, 73, 923-931.	4.2	14
44	Dioxin-metabolizing genes in relation to effects of prenatal dioxin levels and reduced birth size: The Hokkaido study. <i>Reproductive Toxicology</i> , 2017, 67, 111-116.	1.3	14
45	Dose-dependent associations between prenatal caffeine consumption and small for gestational age, preterm birth, and reduced birthweight in the Japan Environment and Children's Study. <i>Paediatric and Perinatal Epidemiology</i> , 2019, 33, 185-194.	0.8	14
46	Angiographic Predictors of Hemodynamic Improvement After Pulmonary Endarterectomy. <i>Annals of Thoracic Surgery</i> , 2010, 90, 957-964.	0.7	13
47	$H. pylori$ seropositivity and cytokine gene polymorphisms. <i>World Journal of Gastroenterology</i> , 2007, 13, 4445.	1.4	13
48	Adjustment of Creatinine-Adjusted Value to Urine Flow Rate in Lead Workers. <i>Archives of Environmental Health</i> , 1996, 51, 329-333.	0.4	12
49	Effects of Pregnancy, Age and Sex in the Metabolism of Styrene in Rat Liver in Relation to the Regulation of Cytochrome P450 Enzymes. <i>Journal of Occupational Health</i> , 2005, 47, 49-55.	1.0	12
50	Modification of adverse health effects of maternal active and passive smoking by genetic susceptibility: Dose-dependent association of plasma cotinine with infant birth size among Japanese women. <i>Reproductive Toxicology</i> , 2017, 74, 94-103.	1.3	12
51	Acute effects of styrene inhalation on the neuroendocrinological system of rats and the different effects in male and female rats. <i>Archives of Toxicology</i> , 2005, 79, 653-659.	1.9	11
52	Association of exposure to prenatal phthalate esters and bisphenol A and polymorphisms in the ESR1 gene with the second to fourth digit ratio in school-aged children: Data from the Hokkaido study. <i>Steroids</i> , 2020, 159, 108637.	0.8	11
53	Associations among perfluorooctanesulfonic/perfluorooctanoic acid levels, nuclear receptor gene polymorphisms, and lipid levels in pregnant women in the Hokkaido study. <i>Scientific Reports</i> , 2021, 11, 9994.	1.6	11
54	Cognitive brain function after hypothermic circulatory arrest assessed by cognitive P300 evoked potentials. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 32, 507-513.	0.6	10

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55	Outcomes after valve-preserving root surgery for patients with Marfan syndrome. <i>Journal of Heart Valve Disease</i> , 2012, 21, 615-22.	0.5	10
56	Effects of Smoking, Aromatic Amines, and Chromates on CD4+and CD8+T Lymphocytes in Male Workers. <i>Environmental Research</i> , 1998, 78, 59-63.	3.7	8
57	Association between ESR1 polymorphisms and second to fourth digit ratio in school-aged children in the Hokkaido Study. <i>Steroids</i> , 2019, 141, 55-62.	0.8	8
58	Stripping Operation with Sclerotherapy for Primary Varicose Veins Due to Greater Saphenous Vein Reflux: Three-year Results. <i>World Journal of Surgery</i> , 2003, 27, 551-553.	0.8	7
59	Association of prenatal passive smoking and metabolic gene polymorphisms with child growth from birth to 3 years of age in the Hokkaido Birth Cohort Study on Environment and Children's Health. <i>Science of the Total Environment</i> , 2017, 605-606, 995-1002.	3.9	7
60	Associations among maternal perfluoroalkyl substance levels, fetal sex-hormone enzymatic gene polymorphisms, and fetal sex hormone levels in the Hokkaido study. <i>Reproductive Toxicology</i> , 2021, 105, 221-231.	1.3	6
61	Gene-environment interactions related to maternal exposure to environmental and lifestyle-related chemicals during pregnancy and the resulting adverse fetal growth: a review. <i>Environmental Health and Preventive Medicine</i> , 2022, 27, 24-24.	1.4	4
62	Immunological effects of CaEDTA injection: Observations in two lead workers. , 1997, 32, 674-680.		2
63	Relationships between maternal perfluoroalkyl substance levels, polymorphisms of receptor genes, and adverse birth outcomes in the Hokkaido birth cohort study, Japan. <i>Reproductive Toxicology</i> , 2022, 107, 112-122.	1.3	2
64	ANALYSIS OF TOXIC GAS PRODUCED BY HEATING TAR EPOXY RESIN PAINT TO ASSESS WORK ATMOSPHERE. <i>Sangyo Igaku Japanese Journal of Industrial Health</i> , 1994, 36, 412-419,A125.	0.0	1
65	Cryptorchidism and Hypospadias. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2020, , 69-99.	0.1	1
66	Aorto-femoral bypass: A multicenter retrospective study of 281 cases. <i>International Journal of Angiology</i> , 2003, 12, 125-128.	0.2	0
67	Haemodynamic benefit of bridging use of bosentan prior to pulmonary endarterectomy. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 60, 840-847.	0.6	0
68	Gene-Environment Interactions to Detect Adverse Health Effects on the Next Generation. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2020, , 485-512.	0.1	0
69	Associations between maternal mono-(2-ethylhexyl) phthalate levels, nuclear receptor gene polymorphisms, and fatty acid levels in pregnant Japanese women in the Hokkaido study. <i>Reproductive Toxicology</i> , 2022, 107, 22-32.	1.3	0
70	Association of exposure to prenatal perfluoroalkyl substances and estrogen receptor 1 polymorphisms with the second to fourth digit ratio in school-aged children: The Hokkaido study. <i>Reproductive Toxicology</i> , 2022, 109, 10-18.	1.3	0