

# Shinya Ito

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

3,360  
citations

172207

29  
h-index

143772

57  
g-index

98  
all docs

98  
docs citations

98  
times ranked

3737  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Complete reversal of fatal pulmonary hypertension in rats by a serine elastase inhibitor. <i>Nature Medicine</i> , 2000, 6, 698-702.   | 15.2 | 355       |
| 2  | Drug Therapy for Breast-Feeding Women. <i>New England Journal of Medicine</i> , 2000, 343, 118-126.  | 13.9 | 304       |
| 3  | Prospective follow-up of adverse reactions in breast-fed infants exposed to maternal medication. <i>American Journal of Obstetrics and Gynecology</i> , 1993, 168, 1393-1399.  | 0.7  | 209       |
| 4  | Pregnancy-Associated Changes in Pharmacokinetics: A Systematic Review. <i>PLoS Medicine</i> , 2016, 13, e1002160.  | 3.9  | 201       |
| 5  | Safety of neuraminidase inhibitors against novel influenza A (H1N1) in pregnant and breastfeeding women. <i>Cmaj</i> , 2009, 181, 55-58.   | 0.9  | 144       |
| 6  | Drug excretion into breast milk—Overview. <i>Advanced Drug Delivery Reviews</i> , 2003, 55, 617-627.   | 6.6  | 142       |
| 7  | Prenatal exposure to HMG-CoA reductase inhibitors: Effects on fetal and neonatal outcomes. <i>Reproductive Toxicology</i> , 2008, 26, 175-177.   | 1.3  | 122       |
| 8  | Aryl Hydrocarbon Receptor Is a Transcriptional Activator of the Human Breast Cancer Resistance Protein (BCRP/ABCG2). <i>Molecular Pharmacology</i> , 2010, 78, 175-185.  | 1.0  | 101       |
| 9  | Reasons for substance use continuation and discontinuation during pregnancy: A qualitative study. <i>Women and Birth</i> , 2019, 32, e57-e64.  | 0.9  | 96        |
| 10 | Excretion of Fluoxetine and Its Metabolite, Norfluoxetine, in Human Breast Milk. <i>Journal of Clinical Pharmacology</i> , 1996, 36, 42-47.  | 1.0  | 92        |
| 11 | Retroviral Transfection of Madin-Darby Canine Kidney Cells with Human MDR1 Results in a Major Increase in Globotriaosylceramide and 105- to 106-Fold Increased Cell Sensitivity to Verocytotoxin. <i>Journal of Biological Chemistry</i> , 2000, 275, 6246-6251. | 1.6  | 92        |
| 12 | Listeriosis during pregnancy. <i>Archives of Gynecology and Obstetrics</i> , 2017, 296, 143-152.   | 0.8  | 84        |
| 13 | Toxicity of long-term use of proton pump inhibitors in children. <i>Archives of Disease in Childhood</i> , 2018, 103, 78-82.   | 1.0  | 75        |
| 14 | Comparison of the novel HK-2 human renal proximal tubular cell line with the standard LLC-PK1 cell line in studying drug-induced nephrotoxicity. <i>Canadian Journal of Physiology and Pharmacology</i> , 2010, 88, 448-455.                                     | 0.7  | 70        |
| 15 | Autism spectrum disorder and prenatal exposure to selective serotonin reuptake inhibitors: A systematic review and meta-analysis. <i>Reproductive Toxicology</i> , 2016, 65, 170-178.  | 1.3  | 69        |
| 16 | Î±1-Proteinase Inhibitor Therapy for the Prevention of Chronic Lung Disease of Prematurity: A Randomized, Controlled Trial. <i>Pediatrics</i> , 1998, 101, 89-94.  | 1.0  | 61        |
| 17 | Î²-Defensin Expression in Human Mammary Gland Epithelia. <i>Pediatric Research</i> , 2000, 48, 30-35.  | 1.1  | 60        |
| 18 | Pharmacokinetics 101. <i>Paediatrics and Child Health</i> , 2011, 16, 535-536.   | 0.3  | 55        |

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|----|---|-----|-----------|
| 19 | Xenobiotic transporter expression and function in the human mammary gland. <i>Advanced Drug Delivery Reviews</i> , 2003, 55, 653-665.   | 6.6 | 53        |
| 20 | Maternal Noncompliance with Antibiotics during Breastfeeding. <i>Annals of Pharmacotherapy</i> , 1993, 27, 40-42.   | 0.9 | 52        |
| 21 | Anticonvulsants and Breast Feeding. <i>Paediatric Drugs</i> , 2000, 2, 113-126.   | 1.3 | 46        |
| 22 | Choice of Breastfeeding and Physicians' Advice: A Cohort Study of Women Receiving Propylthiouracil. <i>Pediatrics</i> , 2000, 106, 27-30.   | 1.0 | 42        |
| 23 | Genome sequencing as a platform for pharmacogenetic genotyping: a pediatric cohort study. <i>Npj Genomic Medicine</i> , 2017, 2, 19.  | 1.7 | 41        |
| 24 | Enhancing Human Milk Production With Domperidone in Mothers of Preterm Infants. <i>Journal of Human Lactation</i> , 2017, 33, 181-187.  | 0.8 | 40        |
| 25 | Opioids in Breast Milk: Pharmacokinetic Principles and Clinical Implications. <i>Journal of Clinical Pharmacology</i> , 2018, 58, S151-S163.  | 1.0 | 40        |
| 26 | Is use of nifurtimox for the treatment of Chagas disease compatible with breast feeding? A population pharmacokinetics analysis. <i>Archives of Disease in Childhood</i> , 2010, 95, 224-228.                 | 1.0 | 36        |
| 27 | Initiation and duration of breast-feeding in women receiving antiepileptics. <i>American Journal of Obstetrics and Gynecology</i> , 1995, 172, 881-886.   | 0.7 | 34        |
| 28 | Carbamazepine Interference with an Immune Assay for Tricyclic Antidepressants in Plasma. <i>Journal of Toxicology: Clinical Toxicology</i> , 1998, 36, 109-113.   | 1.5 | 32        |
| 29 | Care and cost consequences of pediatric whole genome sequencing compared to chromosome microarray. <i>European Journal of Human Genetics</i> , 2017, 25, 1303-1312.   | 1.4 | 32        |
| 30 | Methotrexate Use in a Breastfeeding Patient with Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2014, 41, 2332-2332.  | 1.0 | 30        |
| 31 | Ceftriaxone-Induced Immune Hemolytic Anemia. <i>Annals of Pharmacotherapy</i> , 2014, 48, 1594-1604.  | 0.9 | 30        |
| 32 | The risk of venous thromboembolism in women with inflammatory bowel disease during pregnancy and the postpartum period. <i>Medicine (United States)</i> , 2019, 98, e17309.                                   | 0.4 | 30        |
| 33 | Infant drug exposure via breast milk. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 4311-4327.  | 1.1 | 28        |
| 34 | Neurocognitive Late Effects of Chemotherapy in Survivors of Acute Lymphoblastic Leukemia: Focus on Methotrexate. <i>Journal of the Canadian Academy of Child and Adolescent Psychiatry</i> , 2015, 24, 25-32. | 0.7 | 28        |
| 35 | Predicting Escitalopram Exposure to Breastfeeding Infants: Integrating Analytical and In Silico Techniques. <i>Clinical Pharmacokinetics</i> , 2018, 57, 1603-1611.   | 1.6 | 25        |
| 36 | Characterizing neurocognitive late effects in childhood leukemia survivors using a combination of neuropsychological and cognitive neuroscience measures. <i>Child Neuropsychology</i> , 2018, 24, 999-1014.  | 0.8 | 24        |

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|----|--|-----|-----------|
| 37 | Drugs in lactation. <i>Journal of Obstetrics and Gynaecology Research</i> , 2019, 45, 522-531.   | 0.6 | 24        |
| 38 | Induction of Multidrug Resistance Transporter ABCG2 by Prolactin in Human Breast Cancer Cells. <i>Molecular Pharmacology</i> , 2013, 83, 377-388.  | 1.0 | 22        |
| 39 | Assessment of the Implementation of Pharmacogenomic Testing in a Pediatric Tertiary Care Setting. <i>JAMA Network Open</i> , 2021, 4, e2110446.  | 2.8 | 22        |
| 40 | Clinical use of the Medication Event Monitoring System: A new window into pediatric compliance. <i>Clinical Pharmacology and Therapeutics</i> , 1992, 52, 102-103.   | 2.3 | 21        |
| 41 | Induction of cytochrome P450 1A by cow milk-based formula: a comparative study between human milk and formula. <i>British Journal of Pharmacology</i> , 2005, 146, 296-305.  | 2.7 | 21        |
| 42 | Intravenous and Oral Propafenone for Treatment of Tachycardia in Infants and Children: Pharmacokinetics and Clinical Response. <i>Journal of Clinical Pharmacology</i> , 1998, 38, 496-501.  | 1.0 | 19        |
| 43 | Population PK modelling and simulation based on fluoxetine and norfluoxetine concentrations in milk: a milk concentration-based prediction model. <i>British Journal of Clinical Pharmacology</i> , 2014, 78, 918-928.             | 1.1 | 17        |
| 44 | Pediatric Wells syndrome (eosinophilic cellulitis) after vaccination: A case report and review of the literature. <i>Pediatric Dermatology</i> , 2018, 35, e262-e264.  | 0.5 | 16        |
| 45 | Bupropion and Escitalopram During Lactation. <i>Annals of Pharmacotherapy</i> , 2014, 48, 928-931.   | 0.9 | 15        |
| 46 | Thiopurine S-methyltransferase testing for averting drug toxicity in patients receiving thiopurines: a systematic review. <i>Pharmacogenomics</i> , 2016, 17, 633-656.   | 0.6 | 14        |
| 47 | Quantitative MRI outcomes in child and adolescent leukemia survivors: Evidence for global alterations in gray and white matter. <i>NeuroImage: Clinical</i> , 2020, 28, 102428.  | 1.4 | 13        |
| 48 | Professional opportunity for pharmacists to integrate pharmacogenomics in medication therapy. <i>Canadian Pharmacists Journal</i> , 2018, 151, 167-169.  | 0.4 | 12        |
| 49 | CYP2C9, VKORC1, and CYP4F2 polymorphisms and pediatric warfarin maintenance dose: a systematic review and meta-analysis. <i>Pharmacogenomics Journal</i> , 2020, 20, 306-319.  | 0.9 | 12        |
| 50 | Breast Cancer Risk and History of Being Breast-Fed. <i>Epidemiology</i> , 2009, 20, 155.   | 1.2 | 11        |
| 51 | Role of STAT5 and epigenetics in lactation-associated upregulation of multidrug transporter ABCG2 in the mammary gland. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E596-E610.               | 1.8 | 11        |
| 52 | Brain Development and Heart Function after Systemic Single-Agent Chemotherapy in a Mouse Model of Childhood Leukemia Treatment. <i>Clinical Cancer Research</i> , 2018, 24, 6040-6052.   | 3.2 | 10        |
| 53 | Substance Use in Pregnancy Among Vulnerable Women Seeking Addiction and Parenting Support. <i>International Journal of Mental Health and Addiction</i> , 2019, 17, 137-150.  | 4.4 | 10        |
| 54 | Effectiveness of acyclovir prophylaxis against varicella zoster virus disease after allogeneic hematopoietic cell transplantation: A systematic review and meta-analysis. <i>Transplant Infectious Disease</i> , 2019, 21, e13061. | 0.7 | 10        |

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|----|---|-----|-----------|
| 55 | From Bench to Bedside: Utilization of an In Vitro Model to Predict Potential Drug-Drug Interactions in the Kidney: The Digoxin-Mifepristone Example. <i>Journal of Clinical Pharmacology</i> , 2003, 43, 743-750.                                 | 1.0 | 9         |
| 56 | Riboflavin uptake transporter Slc52a2 (RFVT2) is upregulated in the mouse mammary gland during lactation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R578-R585.                       | 0.9 | 9         |
| 57 | Effect of alcohol skin cleansing on vaccination-associated infections and local skin reactions: a randomized controlled trial. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 995-1002.   | 1.4 | 9         |
| 58 | A critical review of the reproductive safety of Leflunomide. <i>Clinical Rheumatology</i> , 2020, 39, 607-612.  | 1.0 | 8         |
| 59 | Cognitive and behavioral risk factors for low quality of life in survivors of childhood acute lymphoblastic leukemia. <i>Pediatric Research</i> , 2021, 90, 419-426.  | 1.1 | 8         |
| 60 | Pregnancy gestation at delivery and breast milk production: a secondary analysis from the EMPOWER trial. <i>Maternal Health, Neonatology and Perinatology</i> , 2018, 4, 21.  | 1.0 | 6         |
| 61 | Population pharmacokinetics of vancomycin in paediatric patients with febrile neutropenia and augmented renal clearance: development of new dosing recommendations. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 2932-2940.           | 1.3 | 6         |
| 62 | Emerging Research Paradigm for Infant Drug Exposure Through Breast Milk. <i>Current Pharmaceutical Design</i> , 2019, 25, 528-533.  | 0.9 | 6         |
| 63 | The Future of Precision Medicine. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 903-906.   | 2.3 | 5         |
| 64 | Incorporating Breastfeeding-Related Variability with Physiologically Based Pharmacokinetic Modeling to Predict Infant Exposure to Maternal Medication Through Breast Milk: a Workflow Applied to Lamotrigine. <i>AAPS Journal</i> , 2021, 23, 70. | 2.2 | 5         |
| 65 | Ambient tonicity and intestinal cytochrome CYP3A. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2010, 6, 883-893.   | 1.5 | 4         |
| 66 | Pediatric Pharmacology in Japan. <i>Paediatric Drugs</i> , 2012, 14, 247-249.   | 1.3 | 4         |
| 67 | Quetiapine Excretion Into Human Breast Milk. <i>Journal of Clinical Psychopharmacology</i> , 2018, 38, 362-364.   | 0.7 | 4         |
| 68 | Role of days postdelivery on breast milk production: a secondary analysis from the EMPOWER trial. <i>International Breastfeeding Journal</i> , 2019, 14, 21.  | 0.9 | 4         |
| 69 | Is CFTR Dysfunction in Cystic Fibrosis Compensated by MRPs?: Commentary on the article by Hurbain et al. on page 627. <i>Pediatric Research</i> , 2003, 54, 625-626.  | 1.1 | 3         |
| 70 | Effect of CYP2C9, VKORC1, and CYP4F2 polymorphisms on warfarin maintenance dose in children aged less than 18 years: a protocol for systematic review and meta-analysis. <i>Systematic Reviews</i> , 2016, 5, 105.                                | 2.5 | 3         |
| 71 | Low Levels of Amlodipine in Breast Milk and Plasma. <i>Breastfeeding Medicine</i> , 2018, 13, 622-626.  | 0.8 | 2         |
| 72 | Evaluating the Effect of a 14-Day Course of Domperidone on Breast Milk Production: A Per-Protocol Analysis from the EMPOWER Trial. <i>Breastfeeding Medicine</i> , 2019, 14, 102-107.   | 0.8 | 2         |

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|----|--|-----|-----------|
| 73 | A pharmacogenomic investigation of the cardiac safety profile of ondansetron in children and pregnant women. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112684.                                 | 2.5 | 2         |
| 74 | Population pharmacokinetics of thrombomodulin alfa in pediatric patients with hematological malignancy and disseminated intravascular coagulation. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26234. | 0.8 | 1         |
| 75 | <i>In Vitro</i> Effects of Paclitaxel and Cremophor EL on Human Riboflavin Transporter SLC52A2. <i>Biological and Pharmaceutical Bulletin</i> , 2020, 43, 175-178.                                       | 0.6 | 1         |
| 76 | Organic cation transport in the human mammary gland.. <i>Clinical Pharmacology and Therapeutics</i> , 2003, 73, P19-P19.   | 2.3 | 0         |
| 77 | Effects of amitriptyline, gabapentin, and carbamazepine on morphine-induced respiratory depression in rabbits.. <i>Clinical Pharmacology and Therapeutics</i> , 2003, 73, P93-P93.                       | 2.3 | 0         |
| 78 | Clinical Investigation in Pediatrics. <i>Paediatric Drugs</i> , 2009, 11, 67-68.   | 1.3 | 0         |
| 79 | Novel influenza A/H1N1 during pregnancy and lactation: safety of vaccines and drug treatment. <i>Expert Review of Obstetrics and Gynecology</i> , 2010, 5, 169-175.                                      | 0.4 | 0         |
| 80 | Breastfeeding and use of antiepileptics. , 0, , 223-241.   |     | 0         |
| 81 | Letter to the editor. <i>Reproductive Toxicology</i> , 2017, 67, 148.  | 1.3 | 0         |
| 82 | Treating a Child With Mental Illness. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 104, 592-594.  | 2.3 | 0         |
| 83 | Coordinate Induction of ATPâ€Binding Cassette (ABC) Proteins by Bile Acids via Nrf2 is Mediated by Mitogen Activated Protein Kinases (MAPK). <i>FASEB Journal</i> , 2008, 22, 921.19.                   | 0.2 | 0         |
| 84 | Nrf2â€disrupted mice exhibits heightened liver injury induced by lithocholic acid. <i>FASEB Journal</i> , 2009, 23, .   | 0.2 | 0         |
| 85 | Human CYP3A Expression under Hypertonic Stimuli In Vivo. <i>FASEB Journal</i> , 2010, 24, 757.4.   | 0.2 | 0         |
| 86 | Prolactin induces BCRP/ABCG2 expression in Tâ€47D breast cancer cells via activation of multiple signalling cascades. <i>FASEB Journal</i> , 2012, 26, 1047.2.  | 0.2 | 0         |
| 87 | Highâ€dose riboflavin treatment reduces the levels of BCRPâ€transported cimetidine into the milk. <i>FASEB Journal</i> , 2012, 26, lb557.  | 0.2 | 0         |
| 88 | Interaction between riboflavin and BCRPâ€mediated drug transport in the mammary gland (844.2). <i>FASEB Journal</i> , 2014, 28, 844.2.  | 0.2 | 0         |
| 89 | Nrf2â€Keap1 pathway does not have an important role in cisplatin resistance in neuroblastoma (655.8). <i>FASEB Journal</i> , 2014, 28, 655.8.   | 0.2 | 0         |
| 90 | Functional Characterization of HC11 Mouse Mammary Epithelial Cells Transduced with Abcg2. <i>FASEB Journal</i> , 2015, 29, LB528.  | 0.2 | 0         |

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|----|--|-----|-----------|
| 91 | Pharmacokinetic changes along the developmental trajectory: A view of a clinician. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, CL-25. | 0.0 | 0         |