# Jin-Xiong She

List of Publications by Year
in descending order

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|---|---|---|---|
| 102<br>papers | 5,985<br>citations | 109321<br>35<br>h-index | 82547<br>72<br>g-index |
| 195<br>all docs | 195<br>docs citations | 195<br>times ranked | 7605<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Temporal development of the gut microbiome in early childhood from the TEDDY study. Nature, 2018, 562, 583-588. | 27.8 | 1,220 |
| 2 | The human gut microbiome in early-onset type 1 diabetes from the TEDDY study. Nature, 2018, 562, 589-594. | 27.8 | 623 |
| 3 | The 6 year incidence of diabetes-associated autoantibodies in genetically at-risk children: the TEDDY study. Diabetologia, 2015, 58, 980-987. | 6.3 | 313 |
| 4 | Association of Early Exposure of Probiotics and Islet Autoimmunity in the TEDDY Study. JAMA Pediatrics, 2016, 170, 20. | 6.2 | 238 |
| 5 | A pan-cancer perspective of matrix metalloproteases (MMP) gene expression profile and their diagnostic/prognostic potential. BMC Cancer, 2019, 19, 581. | 2.6 | 198 |
| 6 | Prospective virome analyses in young children at increased genetic risk for type 1 diabetes. Nature Medicine, 2019, 25, 1865-1872. | 30.7 | 161 |
| 7 | Factors That Increase Risk of Celiac Disease Autoimmunity After a Gastrointestinal Infection in Early Life. Clinical Gastroenterology and Hepatology, 2017, 15, 694-702.e5. | 4.4 | 140 |
| 8 | Genetic and Environmental Interactions Modify the Risk of Diabetes-Related Autoimmunity by 6 Years of Age: The TEDDY Study. Diabetes Care, 2017, 40, 1194-1202. | 8.6 | 138 |
| 9 | Respiratory infections are temporally associated with initiation of type 1 diabetes autoimmunity: the TEDDY study. Diabetologia, 2017, 60, 1931-1940. | 6.3 | 112 |
| 10 | Role of Type 1 Diabetes Associated SNPs on Risk of Autoantibody Positivity in the TEDDY Study. Diabetes, 2015, 64, 1818-1829. | 0.6 | 108 |
| 11 | Age at Gluten Introduction and Risk of Celiac Disease. Pediatrics, 2015, 135, 239-245. | 2.1 | 104 |
| 12 | Genetic scores to stratify risk of developing multiple islet autoantibodies and type 1 diabetes: A prospective study in children. PLoS Medicine, 2018, 15, e1002548. | 8.4 | 101 |
| 13 | TEDDY The Environmental Determinants of Diabetes in the Young. Annals of the New York Academy of Sciences, 2006, 1079, 320-326. | 3.8 | 95 |
| 14 | Association of Gluten Intake During the First 5 Years of Life With Incidence of Celiac Disease Autoimmunity and Celiac Disease Among Children at Increased Risk. JAMA - Journal of the American Medical Association, 2019, 322, 514. | 7.4 | 95 |
| 15 | The Influence of Type 1 Diabetes Genetic Susceptibility Regions, Age, Sex, and Family History on the Progression From Multiple Autoantibodies to Type 1 Diabetes: A TEDDY Study Report. Diabetes, 2017, 66, 3122-3129. | 0.6 | 93 |
| 16 | A combined risk score enhances prediction of type 1 diabetes among susceptible children. Nature Medicine, 2020, 26, 1247-1255. | 30.7 | 83 |
| 17 | Early Childhood Gut Microbiomes Show Strong Geographic Differences Among Subjects at High Risk for Type 1 Diabetes. Diabetes Care, 2015, 38, 329-332. | 8.6 | 79 |
| 18 | Association Between Early-Life Antibiotic Use and the Risk of Islet or Celiac Disease Autoimmunity. JAMA Pediatrics, 2017, 171, 1217. | 6.2 | 79 |

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|---|---------|----|-----------|
| 19 | The Environmental Determinants of Diabetes in the Young (TEDDY) Study: 2018 Update. Current Diabetes Reports, 2018, 18, 136. | 4.2 | 77 |
| 20 | Identification of novel macropinocytosis inhibitors using a rational screen of Food and Drug Administration–approved drugs. British Journal of Pharmacology, 2018, 175, 3640-3655. | 5.4 | 77 |
| 21 | Predicting Islet Cell Autoimmunity and Type 1 Diabetes: An 8-Year TEDDY Study Progress Report. Diabetes Care, 2019, 42, 1051-1060. | 8.6 | 75 |
| 22 | Plasma 25-Hydroxyvitamin D Concentration and Risk of Islet Autoimmunity. Diabetes, 2018, 67, 146-154. | 0.6 | 72 |
| 23 | Co-occurrence of Type 1 Diabetes and Celiac Disease Autoimmunity. Pediatrics, 2017, 140, . | 2.1 | 70 |
| 24 | Multiplex glycan bead array for high throughput and high content analyses of glycan binding proteins. Nature Communications, 2018, 9, 258. | 12.8 | 66 |
| 25 | Identification of Novel T1D Risk Loci and Their Association With Age and Islet Function at Diagnosis in Autoantibody-Positive T1D Individuals: Based on a Two-Stage Genome-Wide Association Study. Diabetes Care, 2019, 42, 1414-1421. | 8.6 | 60 |
| 26 | Reversion of Î²-Cell Autoimmunity Changes Risk of Type 1 Diabetes: TEDDY Study. Diabetes Care, 2016, 39, 1535-1542. | 8.6 | 56 |
| 27 | Co-targeting EGFR and survivin with a bivalent aptamer-dual siRNA chimera effectively suppresses prostate cancer. Scientific Reports, 2016, 6, 30346. | 3.3 | 52 |
| 28 | Growth and Risk for Islet Autoimmunity and Progression to Type 1 Diabetes in Early Childhood: The Environmental Determinants of Diabetes in the Young Study. Diabetes, 2016, 65, 1988-1995. | 0.6 | 49 |
| 29 | Early Infant Diet and Islet Autoimmunity in the TEDDY Study. Diabetes Care, 2018, 41, 522-530. | 8.6 | 48 |
| 30 | Elevated Serum Levels of Soluble TNF Receptors and Adhesion Molecules Are Associated with Diabetic Retinopathy in Patients with Type-1 Diabetes. Mediators of Inflammation, 2015, 2015, 1-8. | 3.0 | 47 |
| 31 | Lack of correlation between the levels of soluble cytotoxic T-lymphocyte associated antigen-4 (CTLA-4) and the CT-60 genotypes. Journal of Autoimmune Diseases, 2005, 2, 8. | 1.0 | 46 |
| 32 | Identification of Non-HLA Genes Associated with Celiac Disease and Country-Specific Differences in a Large, International Pediatric Cohort. PLoS ONE, 2016, 11, e0152476. | 2.5 | 46 |
| 33 | Identification of non-HLA genes associated with development of islet autoimmunity and type 1 diabetes in the prospective TEDDY cohort. Journal of Autoimmunity, 2018, 89, 90-100. | 6.5 | 46 |
| 34 | Biomarker discovery study design for type 1 diabetes in The Environmental Determinants of Diabetes in the Young (TEDDY) study. Diabetes/Metabolism Research and Reviews, 2014, 30, 424-434. | 4.0 | 44 |
| 35 | Hierarchical Order of Distinct Autoantibody Spreading and Progression to Type 1 Diabetes in the TEDDY Study. Diabetes Care, 2020, 43, 2066-2073. | 8.6 | 41 |
| 36 | Diagnostic and prognostic biomarker potential of kallikrein family genes in different cancer types. Oncotarget, 2018, 9, 17876-17888. | 1.8 | 40 |

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| 37 | First Infant Formula Type and Risk of Islet Autoimmunity in The Environmental Determinants of Diabetes in the Young (TEDDY) Study. Diabetes Care, 2017, 40, 398-404. | 8.6 | 35 |
| 38 | Metabolite-related dietary patterns and the development of islet autoimmunity. Scientific Reports, 2019, 9, 14819. | 3.3 | 34 |
| 39 | Risk of Type 1 Diabetes Progression in Islet Autoantibody-Positive Children Can Be Further Stratified Using Expression Patterns of Multiple Genes Implicated in Peripheral Blood Lymphocyte Activation and Function. Diabetes, 2014, 63, 2506-2515. | 0.6 | 32 |
| 40 | Reply to 'Assessing the validity of the association between the SUMO4 M55V variant and risk of type 1 diabetes'. Nature Genetics, 2005, 37, 112-113. | 21.4 | 31 |
| 41 | Complement gene variants in relation to autoantibodies to beta cell specific antigens and type 1 diabetes in the TEDDY Study. Scientific Reports, 2016, 6, 27887. | 3.3 | 31 |
| 42 | Predicting progression to type 1 diabetes from ages 3 to 6 in islet autoantibody positive TEDDY children. Pediatric Diabetes, 2019, 20, 263-270. | 2.9 | 31 |
| 43 | Longitudinal Metabolome-Wide Signals Prior to the Appearance of a First Islet Autoantibody in Children Participating in the TEDDY Study. Diabetes, 2020, 69, 465-476. | 0.6 | 30 |
| 44 | Large-Scale Discovery and Validation Studies Demonstrate Significant Reductions in Circulating Levels of IL8, IL-1Ra, MCP-1, and MIP-1$\beta$ in Patients With Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E1179-E1187. | 3.6 | 28 |
| 45 | Time-Resolved Autoantibody Profiling Facilitates Stratification of Preclinical Type 1 Diabetes in Children. Diabetes, 2019, 68, 119-130. | 0.6 | 28 |
| 46 | Distinct Growth Phases in Early Life Associated With the Risk of Type 1 Diabetes: The TEDDY Study. Diabetes Care, 2020, 43, 556-562. | 8.6 | 28 |
| 47 | HLA-DPB1*04:01 Protects Genetically Susceptible Children from Celiac Disease Autoimmunity in the TEDDY Study. American Journal of Gastroenterology, 2015, 110, 915-920. | 0.4 | 24 |
| 48 | Joint modeling of longitudinal autoantibody patterns and progression to type 1 diabetes: results from the TEDDY study. Acta Diabetologica, 2017, 54, 1009-1017. | 2.5 | 24 |
| 49 | Identification of serum proteins and multivariate models for diagnosis and therapeutic monitoring of lung cancer. Oncotarget, 2017, 8, 18901-18913. | 1.8 | 24 |
| 50 | A combined score of clinical factors and serum proteins can predict time to recurrence in high grade serous ovarian cancer. Gynecologic Oncology, 2019, 152, 574-580. | 1.4 | 23 |
| 51 | An Age-Related Exponential Decline in the Risk of Multiple Islet Autoantibody Seroconversion During Childhood. Diabetes Care, 2021, 44, 2260-2268. | 8.6 | 23 |
| 52 | Twelve Serum Proteins Progressively Increase With Disease Stage in Squamous Cell Cervical Cancer Patients. International Journal of Gynecological Cancer, 2014, 24, 1085-1092. | 2.5 | 22 |
| 53 | Gestational respiratory infections interacting with offspring HLA and CTLA-4 modifies incident $\beta$-cell autoantibodies. Journal of Autoimmunity, 2018, 86, 93-103. | 6.5 | 22 |
| 54 | Proteins of TNF-$\alpha$ and IL6 Pathways Are Elevated in Serum of Type-1 Diabetes Patients with Microalbuminuria. Frontiers in Immunology, 2018, 9, 154. | 4.8 | 22 |

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|---|---------|----|-----------| 
| 55 | Early Probiotic Supplementation and the Risk of Celiac Disease in Children at Genetic Risk. Nutrients, 2019, 11, 1790. | 4.1 | 22 |
| 56 | Genetic Contribution to the Divergence in Type 1 Diabetes Risk Between Children From the General Population and Children From Affected Families. Diabetes, 2019, 68, 847-857. | 0.6 | 22 |
| 57 | Progression from islet autoimmunity to clinical type 1 diabetes is influenced by genetic factors: results from the prospective TEDDY study. Journal of Medical Genetics, 2019, 56, 602-605. | 3.2 | 22 |
| 58 | Transcriptional networks in at-risk individuals identify signatures of type 1 diabetes progression. Science Translational Medicine, 2021, 13, . | 12.4 | 22 |
| 59 | KLHL5 knockdown increases cellular sensitivity to anticancer drugs. Oncotarget, 2018, 9, 37429-37438. | 1.8 | 22 |
| 60 | Hepatic Gene Expression Profiling Reveals Key Pathways Involved in Leptin-Mediated Weight Loss in ob/ob Mice. PLoS ONE, 2010, 5, e12147. | 2.5 | 21 |
| 61 | Anti-angiogenic effect of auranofin on HUVECs in vitro and zebrafish in vivo. European Journal of Pharmacology, 2014, 740, 240-247. | 3.5 | 20 |
| 62 | IGF-Binding Proteins in Type-1 Diabetes Are More Severely Altered in the Presence of Complications. Frontiers in Endocrinology, 2016, 7, 2. | 3.5 | 19 |
| 63 | Dietary intake of soluble fiber and risk of islet autoimmunity by 5 y of age: results from the TEDDY study. American Journal of Clinical Nutrition, 2015, 102, 345-352. | 4.7 | 18 |
| 64 | PandemrixÂ® vaccination is not associated with increased risk of islet autoimmunity or type 1 diabetes in the TEDDY study children. Diabetologia, 2018, 61, 193-202. | 6.3 | 18 |
| 65 | Analgesic antipyretic use among young children in the TEDDY study: no association with islet autoimmunity. BMC Pediatrics, 2017, 17, 127. | 1.7 | 17 |
| 66 | Maternal dietary supplement use and development of islet autoimmunity in the offspring: TEDDY study. Pediatric Diabetes, 2019, 20, 86-92. | 2.9 | 17 |
| 67 | Luminex and Other Multiplex High Throughput Technologies for the Identification of, and Host Response to, Environmental Triggers of Type 1 Diabetes. BioMed Research International, 2015, 2015, 1-7. | 1.9 | 16 |
| 68 | ERBB3-mediated regulation of Bergmann glia proliferation in cerebellar lamination. Development (Cambridge), 2015, 142, 522-32. | 2.5 | 16 |
| 69 | Factors associated with longitudinal food record compliance in a paediatric cohort study. Public Health Nutrition, 2016, 19, 804-813. | 2.2 | 15 |
| 70 | Transcriptomic changes induced by mycophenolic acid in gastric cancer cells. American Journal of Translational Research (discontinued), 2013, 6, 28-42. | 0.0 | 15 |
| 71 | Maternal use of dietary supplements during pregnancy is not associated with coeliac disease in the offspring: The Environmental Determinants of Diabetes in the Young (TEDDY) study. British Journal of Nutrition, 2017, 117, 466-472. | 2.3 | 14 |
| 72 | Associations of breastfeeding with childhood autoimmunity, allergies, and overweight: The Environmental Determinants of Diabetes in the Young (TEDDY) study. American Journal of Clinical Nutrition, 2021, 114, 134-142. | 4.7 | 14 |

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| 73 | Characteristics of children diagnosed with type 1 diabetes before vs after 6 years of age in the TEDDY cohort study. Diabetologia, 2021, 64, 2247-2257. | 6.3 | 14 |
| 74 | Cytokeratin-8 in Anaplastic Thyroid Carcinoma: More Than a Simple Structural Cytoskeletal Protein. International Journal of Molecular Sciences, 2018, 19, 577. | 4.1 | 13 |
| 75 | Plasma Metabolome and Circulating Vitamins Stratified Onset Age of an Initial Islet Autoantibody and Progression to Type 1 Diabetes: The TEDDY Study. Diabetes, 2021, 70, 282-292. | 0.6 | 13 |
| 76 | Serum Dickkopf-1 (DKK1) is significantly lower in patients with lung cancer but is rapidly normalized after treatment. American Journal of Translational Research (discontinued), 2014, 6, 850-6. | 0.0 | 13 |
| 77 | Blood-based biomarkers for precision medicine in lung cancer: precision radiation therapy. Translational Lung Cancer Research, 2017, 6, 661-669. | 2.8 | 10 |
| 78 | Applying Artificial Intelligence to Gynecologic Oncology: A Review. Obstetrical and Gynecological Survey, 2021, 76, 292-301. | 0.4 | 10 |
| 79 | Senescence-Associated Secretory Phenotype Determines Survival and Therapeutic Response in Cervical Cancer. Cancers, 2020, 12, 2899. | 3.7 | 9 |
| 80 | Inflammatory Serum Proteins Are Severely Altered in Metastatic Gastric Adenocarcinoma Patients from the Chinese Population. PLoS ONE, 2015, 10, e0123985. | 2.5 | 8 |
| 81 | Long term survival outcomes of stage I mucinous ovarian cancer - A clinical calculator predictive of chemotherapy benefit. Gynecologic Oncology, 2020, 159, 118-128. | 1.4 | 8 |
| 82 | Better survival is observed in cervical cancer patients positive for specific anti-glycan antibodies and receiving brachytherapy. Gynecologic Oncology, 2020, 157, 181-187. | 1.4 | 7 |
| 83 | Serum Levels of Inflammatory Proteins Are Associated With Peripheral Neuropathy in a Cross-Sectional Type-1 Diabetes Cohort. Frontiers in Immunology, 2021, 12, 654233. | 4.8 | 7 |
| 84 | 25(OH)D Levels in Infancy Is Associated With Celiac Disease Autoimmunity in At-Risk Children: A Case–Control Study. Frontiers in Nutrition, 2021, 8, 720041. | 3.7 | 7 |
| 85 | First-appearing islet autoantibodies for type 1 diabetes in young children: maternal life events during pregnancy and the child's genetic risk. Diabetologia, 2021, 64, 591-602. | 6.3 | 7 |
| 86 | Comparative analysis of transcriptomic profile, histology, and IDH mutation for classification of gliomas. Scientific Reports, 2020, 10, 20651. | 3.3 | 6 |
| 87 | Delineation of gastric cancer subtypes by co-regulated expression of receptor tyrosine kinases and chemosensitivity genes. American Journal of Translational Research (discontinued), 2015, 7, 1429-39. | 0.0 | 6 |
| 88 | Telomere length is not a main factor for the development of islet autoimmunity and type 1 diabetes in the TEDDY study. Scientific Reports, 2022, 12, 4516. | 3.3 | 6 |
| 89 | Are There Survival Differences Between Women with Equivalent Residual Disease After Interval Cytoreductive Surgery Compared with Primary Cytoreductive Surgery for Advanced Ovarian and Peritoneal Cancer?. Annals of Surgical Oncology, 2021, 28, 3605-3615. | 1.5 | 5 |
| 90 | Oncocytoma-Related Gene Signature to Differentiate Chromophobe Renal Cancer and Oncocytoma Using Machine Learning. Cells, 2022, 11, 287. | 4.1 | 5 |

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| 91 | Retrospective Validation of a 168-Gene Expression Signature for Glioma Classification on a Single Molecule Counting Platform. Cancers, 2021, 13, 439. | 3.7 | 4 |
| 92 | A 73-gene proliferative transcriptomic signature predicts uterine serous carcinoma patient survival and response to primary therapy. Gynecologic Oncology, 2020, 157, 340-347. | 1.4 | 3 |
| 93 | The 3p21.31 genetic locus promotes progression to type 1 diabetes through the CCR2/CCL2 pathway. Journal of Translational Autoimmunity, 2021, 4, 100127. | 4.0 | 3 |
| 94 | Cell-based high throughput screening identified a novel compound that promotes regulatory T cells and prevents autoimmune colitis. Biochemical Pharmacology, 2019, 169, 113618. | 4.4 | 2 |
| 95 | T1DMicro: A Clinical Risk Calculator for Type 1 Diabetes Related Microvascular Complications. International Journal of Environmental Research and Public Health, 2021, 18, 11094. | 2.6 | 2 |
| 96 | Multiplex Glycan Bead Array (MGBA) for High Throughput and High Content Analyses of Glycan-Binding Proteins Including Natural Anti-Glycan Antibodies. Methods in Molecular Biology, 2022, 2460, 33-44. | 0.9 | 1 |
| 97 | Increased Inflammatory State and Metabolic Activation in Neutrophils from Patients with Sickle Cell Disease: Comparison of Neutrophil Gene Expression Profiles with Controls.. Blood, 2004, 104, 3571-3571. | 1.4 | 0 |
| 98 | Central and peripheral leptin treatment produce similar increase in muscle and bone mass in ob/ob mice. FASEB Journal, 2008, 22, 1166.1. | 0.5 | 0 |
| 99 | Increasing concentrations of central leptin treatment enhances bone marrow cell differentiation in ob/ob mice. FASEB Journal, 2009, 23, 1031.4. | 0.5 | 0 |
| 100 | High‐throughput screening and evaluation of anti‐cancer compounds. FASEB Journal, 2012, 26, 851.2. | 0.5 | 0 |
| 101 | Early infant feeding and islet autoimmunity in The Environmental Determinants of Diabetes in the Young (TEDDY) Study (1038.5). FASEB Journal, 2014, 28, 1038.5. | 0.5 | 0 |
| 102 | Proteomic approach to identify markers for invasive cervix cancer - A prospective pilot study.. Journal of Clinical Oncology, 2015, 33, e22257-e22257. | 1.6 | 0 |