# Supinda Bunyavanich

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 67 papers | 4,469 citations | 147801 31 h-index | 114465 63 g-index |
| 73 all docs | 73 docs citations | 73 times ranked | 8548 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Nasal Gene Expression of Angiotensin-Converting Enzyme 2 in Children and Adults. JAMA - Journal of the American Medical Association, 2020, 323, 2427. | 7.4 | 680 |
| 2 | Multi-ancestry genome-wide association study of 21,000 cases and 95,000 controls identifies new risk loci for atopic dermatitis. Nature Genetics, 2015, 47, 1449-1456. | 21.4 | 529 |
| 3 | Early-life gut microbiome composition and milk allergy resolution. Journal of Allergy and Clinical Immunology, 2016, 138, 1122-1130. | 2.9 | 307 |
| 4 | The microbiome in allergic disease: Current understanding and future opportunitiesâ€"2017 PRACTALL document of the American Academy of Allergy, Asthma & Immunology and the European Academy of Allergy and Clinical Immunology. Journal of Allergy and Clinical Immunology, 2017, 139, 1099-1110. | 2.9 | 264 |
| 5 | Clinical features of COVID-19 mortality: development and validation of a clinical prediction model. The Lancet Digital Health, 2020, 2, e516-e525. | 12.3 | 218 |
| 6 | A prospective microbiomeâ€wide association study of food sensitization and food allergy in early childhood. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 145-152. | 5.7 | 163 |
| 7 | Earlyâ€life gut microbiome and egg allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1515-1524. | 5.7 | 151 |
| 8 | Peanut, milk, and wheat intake during pregnancy is associated with reduced allergy and asthma in children. Journal of Allergy and Clinical Immunology, 2014, 133, 1373-1382. | 2.9 | 121 |
| 9 | Systems biology of asthma and allergic diseases: AÂmultiscale approach. Journal of Allergy and Clinical Immunology, 2015, 135, 31-42. | 2.9 | 121 |
| 10 | Food allergy and the microbiome: Current understandings and future directions. Journal of Allergy and Clinical Immunology, 2019, 144, 1468-1477. | 2.9 | 118 |
| 11 | The Impact of Climate Change on Child Health. Academic Pediatrics, 2003, 3, 44-52. | 1.7 | 113 |
| 12 | The nasal microbiome in asthma. Journal of Allergy and Clinical Immunology, 2018, 142, 834-843.e2. | 2.9 | 111 |
| 13 | Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. Nature Genetics, 2018, 50, 1072-1080. | 21.4 | 106 |
| 14 | The gut microbiome in food allergy. Annals of Allergy, Asthma and Immunology, 2019, 122, 276-282. | 1.0 | 99 |
| 15 | Peanut allergy prevalence among school-age children in a US cohort not selected for any disease. Journal of Allergy and Clinical Immunology, 2014, 134, 753-755. | 2.9 | 96 |
| 16 | Epigenomic characterization of Clostridioides difficile finds a conserved DNA methyltransferase that mediates sporulation and pathogenesis. Nature Microbiology, 2020, 5, 166-180. | 13.3 | 75 |
| 17 | Leveraging -omics for asthma endotyping. Journal of Allergy and Clinical Immunology, 2019, 144, 13-23. | 2.9 | 73 |
| 18 | Thymic stromal lymphopoietin (TSLP) is associated with allergic rhinitis in children with asthma. Clinical and Molecular Allergy, 2011, 9, 1. | 1.8 | 67 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Integrative transcriptomic analysis reveals key drivers of acute peanut allergic reactions. Nature Communications, 2017, 8, 1943. | 12.8 | 64 |
| 20 | Integrated genome-wide association, coexpression network, and expression single nucleotide polymorphism analysis identifies novel pathway in allergic rhinitis. BMC Medical Genomics, 2014, 7, 48. | 1.5 | 63 |
| 21 | Prenatal, perinatal, and childhood vitamin D exposure and their association with childhood allergic rhinitis and allergic sensitization. Journal of Allergy and Clinical Immunology, 2016, 137, 1063-1070.e2. | 2.9 | 58 |
| 22 | Role of the Microbiome in Food Allergy. Current Allergy and Asthma Reports, 2018, 18, 27. | 5.3 | 54 |
| 23 | Genome-wide expression profiles identify potential targets for gene-environment interactions in asthma severity. Journal of Allergy and Clinical Immunology, 2015, 136, 885-892.e2. | 2.9 | 51 |
| 24 | A Nasal Brush-based Classifier of Asthma Identified by Machine Learning Analysis of Nasal RNA Sequence Data. Scientific Reports, 2018, 8, 8826. | 3.3 | 51 |
| 25 | Racial/Ethnic Variation in Nasal Gene Expression of Transmembrane Serine Protease 2 (<i>TMPRSS2</i>). JAMA - Journal of the American Medical Association, 2020, 324, 1567. | 7.4 | 45 |
| 26 | Dual transcriptomic and epigenomic study of reaction severity in peanut-allergic children. Journal of Allergy and Clinical Immunology, 2020, 145, 1219-1230. | 2.9 | 44 |
| 27 | Integrative study of the upper and lower airway microbiome and transcriptome in asthma. JCI Insight, 2020, 5, . | 5.0 | 44 |
| 28 | Downregulation of exhausted cytotoxic T cells in gene expression networks of multisystem inflammatory syndrome in children. Nature Communications, 2021, 12, 4854. | 12.8 | 42 |
| 29 | Current insights into the genetics of food allergy. Journal of Allergy and Clinical Immunology, 2021, 147, 15-28. | 2.9 | 40 |
| 30 | Intestinal microbial-derived sphingolipids are inversely associated with childhood food allergy. Journal of Allergy and Clinical Immunology, 2018, 142, 335-338.e9. | 2.9 | 37 |
| 31 | Food allergy: could the gut microbiota hold the key?. Nature Reviews Gastroenterology and Hepatology, 2019, 16, 201-202. | 17.8 | 36 |
| 32 | Allergic rhinitis: the â€œGhost Diagnosisâ€• in patients with asthma. Asthma Research and Practice, 2015, 1, 8. | 2.4 | 35 |
| 33 | Multidimensional study of the oral microbiome, metabolite, and immunologic environment in peanut allergy. Journal of Allergy and Clinical Immunology, 2021, 148, 627-632.e3. | 2.9 | 33 |
| 34 | Geneâ€byâ€environment effect of house dust mite on purinergic receptor P2Y12 (<i>P2RY12</i>) and lung function in children with asthma. Clinical and Experimental Allergy, 2012, 42, 229-237. | 2.9 | 32 |
| 35 | Peanut-induced food proteinâ€"induced enterocolitis syndrome (FPIES) in infants with early peanut introduction. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 2117-2119. | 3.8 | 25 |
| 36 | Network study of nasal transcriptome profiles reveals master regulator genes of asthma. Journal of Allergy and Clinical Immunology, 2021, 147, 879-893. | 2.9 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | A metaâ€•analysis of Th2 pathway genetic variants and risk for allergic rhinitis. Pediatric Allergy and Immunology, 2011, 22, 378-387. | 2.6 | 21 |
| 38 | Emerging Food Allergy Biomarkers. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 2516-2524. | 3.8 | 21 |
| 39 | Endotoxin, food allergen sensitization, and food allergy: A complementary epidemiologic and experimental study. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 625-635. | 5.7 | 16 |
| 40 | Microbial Adjuncts for Food Allergen Immunotherapy. Current Allergy and Asthma Reports, 2019, 19, 25. | 5.3 | 14 |
| 41 | Advancing Food Allergy Through Omics Sciences. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 119-129. | 3.8 | 13 |
| 42 | NeTFactor, a framework for identifying transcriptional regulators of gene expression-based biomarkers. Scientific Reports, 2019, 9, 12970. | 3.3 | 12 |
| 43 | Merged Affinity Network Association Clustering: Joint multi-omic/clinical clustering to identify disease endotypes. Cell Reports, 2021, 35, 108975. | 6.4 | 12 |
| 44 | The airway microbiome and pediatric asthma. Current Opinion in Pediatrics, 2021, 33, 639-647. | 2.0 | 12 |
| 45 | Partially hydrolyzed whey formula intolerance in cow's milk allergic patients. Pediatric Allergy and Immunology, 2017, 28, 401-405. | 2.6 | 11 |
| 46 | Bronchoscopy in severe childhood asthma: Irresponsible or irreplaceable?. Pediatric Pulmonology, 2020, 55, 795-802. | 2.0 | 11 |
| 47 | Prenatal Diet and the Development of Childhood Allergic Diseases: Food for Thought. Current Allergy and Asthma Reports, 2018, 18, 58. | 5.3 | 10 |
| 48 | Multiscale study of the oral and gut environments in children with high- and low-threshold peanut allergy. Journal of Allergy and Clinical Immunology, 2022, 150, 714-720.e2. | 2.9 | 10 |
| 49 | Racial, ethnic, and socioeconomic differences in adolescent food allergy. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 336-338.e3. | 3.8 | 9 |
| 50 | A Twin Study of Early-Childhood Asthma in Puerto Ricans. PLoS ONE, 2013, 8, e68473. | 2.5 | 9 |
| 51 | Machine learningâ€“driven identification of early-life air toxic combinations associated with childhood asthma outcomes. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 9 |
| 52 | Relationship of <i>Pneumocystis</i> antibody responses to paediatric asthma severity. BMJ Open Respiratory Research, 2021, 8, e000842. | 3.0 | 8 |
| 53 | The nasal microbiome, nasal transcriptome, and pet sensitization. Journal of Allergy and Clinical Immunology, 2021, 148, 244-249.e4. | 2.9 | 8 |
| 54 | Epinephrine autoinjector prescribing patterns in an urban pediatric population. Journal of Allergy and Clinical Immunology: in Practice, 2016, 4, 989-990. | 3.8 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Children with severe persistent asthma have disparate peripheral blood and lower airway eosinophil levels. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 2494-2496. | 3.8 | 7 |
| 56 | Network analysis reveals causal key driver genes of severe asthma in children. Journal of Allergy and Clinical Immunology, 2019, 143, AB186. | 2.9 | 5 |
| 57 | Examination of host genetic effects on nasal microbiome composition. Journal of Allergy and Clinical Immunology, 2022, 150, 1232-1236. | 2.9 | 5 |
| 58 | Profile of a milk-allergic patient who tolerated partially hydrolyzed whey formula. Journal of Allergy and Clinical Immunology: in Practice, 2015, 3, 116-118. | 3.8 | 3 |
| 59 | The Nasal Microbiome in Asthma. Journal of Allergy and Clinical Immunology, 2017, 139, AB180. | 2.9 | 3 |
| 60 | Not so sweet: True chocolate and cocoa allergy. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 2868-2871. | 3.8 | 3 |
| 61 | Perceived Versus Actual Aeroallergen Sensitization in Urban Children. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 1591-1598.e4. | 3.8 | 3 |
| 62 | The Effect of Age on T-Regulatory Cell Number and Function in Patients With Asthma. Allergy, Asthma and Immunology Research, 2021, 13, 646. | 2.9 | 3 |
| 63 | Comparison of dietary intake between milkâ€allergic and nonâ€foodâ€allergic children. Pediatric Allergy and Immunology, 2021, 32, 1872-1876. | 2.6 | 3 |
| 64 | Peanut oral food challenges and subsequent feeding of peanuts in infants. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 1756-1758.e1. | 3.8 | 2 |
| 65 | Use of Inhaled Corticosteroids among Hispanics in the United States. Annals of the American Thoracic Society, 2015, 12, 241-242. | 3.2 | 1 |
| 66 | SkÅ‚ad mikrobiomu jelit we wczesnym okresie Å¼ycia a ustÄ™powanie alergii na biaÅ‚ka mleka. Alergologia Polska - Polish Journal of Allergology, 2016, 3, T69-T81. | 0.0 | 0 |
| 67 | Microbiome and food allergy. , 2020, , 145-156. | | 0 |