

# Arvind Y M Sundaram

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

762  
citations

623188

14  
h-index

552369

26  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1445  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Optimization of enzymatic fragmentation is crucial to maximize genome coverage: a comparison of library preparation methods for Illumina sequencing. BMC Genomics, 2022, 23, 92.                                      | 1.2 | 4         |
| 2  | Single-Cell RNA Sequencing of <i>In Vitro</i> Expanded Chondrocytes: MSC-Like Cells With No Evidence of Distinct Subsets. Cartilage, 2021, 13, 774S-784S.   | 1.4 | 4         |
| 3  | Small-Scale Comparative Genomic Analysis of <i>Listeria monocytogenes</i> Isolated from Environments of Salmon Processing Plants and Human Cases in Norway. Hygiene, 2021, 1, 43-55.                                  | 0.5 | 8         |
| 4  | Rapid SARS-CoV-2 variant monitoring using PCR confirmed by whole genome sequencing in a high-volume diagnostic laboratory. Journal of Clinical Virology, 2021, 141, 104906.   | 1.6 | 21        |
| 5  | Gene Expression in Embryos From Norwegian Red Bulls With High or Low Non Return Rate: An RNA-Seq Study of <i>in vivo</i> -Produced Single Embryos. Frontiers in Genetics, 2021, 12, 780113.                           | 1.1 | 6         |
| 6  | Systematic assessment of commercially available low-input miRNA library preparation kits. RNA Biology, 2020, 17, 75-86.   | 1.5 | 28        |
| 7  | An Illumina approach to MHC typing of Atlantic salmon. Immunogenetics, 2020, 72, 89-100.  | 1.2 | 7         |
| 8  | Selective Stimulation of Duplicated Atlantic Salmon MHC Pathway Genes by Interferon-Gamma. Frontiers in Immunology, 2020, 11, 571650.   | 2.2 | 3         |
| 9  | Candidate genes for monitoring hydrogen peroxide resistance in the salmon louse, <i>Lepeophtheirus salmonis</i> . Parasites and Vectors, 2020, 13, 344.   | 1.0 | 3         |
| 10 | Gene expression and gastrointestinal function is altered in piglet small intestine by weaning and inclusion of <i>Cyberlindnera jadinii</i> yeast as a protein source. Journal of Functional Foods, 2020, 73, 104118. | 1.6 | 12        |
| 11 | Distinct Pattern of Endoplasmic Reticulum Protein Processing and Extracellular Matrix Proteins in Functioning and Silent Corticotroph Pituitary Adenomas. Cancers, 2020, 12, 2980.                                    | 1.7 | 9         |
| 12 | Transcriptome profiling of human thymic CD4+ and CD8+ T cells compared to primary peripheral T cells. BMC Genomics, 2020, 21, 350.  | 1.2 | 11        |
| 13 | An extension to: Systematic assessment of commercially available low-input miRNA library preparation kits. RNA Biology, 2020, 17, 1284-1292.  | 1.5 | 4         |
| 14 | Effects of long-term feeding of rapeseed meal on skeletal muscle transcriptome, production efficiency and meat quality traits in Norwegian Landrace growing-finishing pigs. PLoS ONE, 2019, 14, e0220441.             | 1.1 | 21        |
| 15 | Transcriptomes of antigen presenting cells in human thymus. PLoS ONE, 2019, 14, e0218858.   | 1.1 | 16        |
| 16 | Exposure to Broad-Spectrum Visible Light Causes Major Transcriptomic Changes in <i>Listeria monocytogenes</i> EGDe. Applied and Environmental Microbiology, 2019, 85, .   | 1.4 | 1         |
| 17 | Postovulatory maternal transcriptome in Atlantic salmon and its relation to developmental potential of embryos. BMC Genomics, 2019, 20, 315.  | 1.2 | 10        |
| 18 | Towards population genomics in non-model species with large genomes: a case study of the marine zooplankton <i>Calanus finmarchicus</i> . Royal Society Open Science, 2019, 6, 180608.                                | 1.1 | 34        |

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|----|--|-----|-----------|
| 19 | Gene expression profiling of fast- and slow-growing non-functioning gonadotroph pituitary adenomas. <i>European Journal of Endocrinology</i> , 2018, 178, 295-307.   | 1.9 | 29        |
| 20 | Monocytes accumulate in the airways of children with fatal asthma. <i>Clinical and Experimental Allergy</i> , 2018, 48, 1631-1639.   | 1.4 | 30        |
| 21 | Deltamethrin resistance in the salmon louse, <i>Lepeophtheirus salmonis</i> (Kr yer): Maternal inheritance and reduced apoptosis. <i>Scientific Reports</i> , 2018, 8, 8450.   | 1.6 | 13        |
| 22 | Issues with RNA-seq analysis in non-model organisms: A salmonid example. <i>Developmental and Comparative Immunology</i> , 2017, 75, 38-47.  | 1.0 | 7         |
| 23 | A c-Myb mutant causes deregulated differentiation due to impaired histone binding and abrogated pioneer factor function. <i>Nucleic Acids Research</i> , 2017, 45, 7681-7696.  | 6.5 | 28        |
| 24 | Full genome survey and dynamics of gene expression in the greater amberjack <i>Seriola dumerili</i> . <i>GigaScience</i> , 2017, 6, 1-13.  | 3.3 | 16        |
| 25 | A novel ultra high-throughput 16S rRNA gene amplicon sequencing library preparation method for the Illumina HiSeq platform. <i>Microbiome</i> , 2017, 5, 68.   | 4.9 | 93        |
| 26 | A comparative study of ChIP-seq sequencing library preparation methods. <i>BMC Genomics</i> , 2016, 17, 816.   | 1.2 | 25        |
| 27 | Contrasting transcriptome response to thermal stress in two key zooplankton species, <i>Calanus finmarchicus</i> and <i>C. glacialis</i> . <i>Marine Ecology - Progress Series</i> , 2015, 534, 79-93.                             | 0.9 | 30        |
| 28 | Thermal plasticity of the miRNA transcriptome during Senegalese sole development. <i>BMC Genomics</i> , 2014, 15, 525.   | 1.2 | 58        |
| 29 | Diversification of the expanded teleost-specific toll-like receptor family in Atlantic cod, <i>Gadus morhua</i> . <i>BMC Evolutionary Biology</i> , 2012, 12, 256.   | 3.2 | 65        |
| 30 | Positive selection pressure within teleost toll-like receptors tlr21 and tlr22 subfamilies and their response to temperature stress and microbial components in zebrafish. <i>Molecular Biology Reports</i> , 2012, 39, 8965-8975. | 1.0 | 54        |
| 31 | LSH and G9a/GLP complex are required for developmentally programmed DNA methylation. <i>Genome Research</i> , 2011, 21, 83-94.   | 2.4 | 108       |
| 32 | Tetraploid Ancestry Provided Atlantic Salmon With Two Paralogous Functional T Cell Receptor Beta Regions Whereof One Is Completely Novel. <i>Frontiers in Immunology</i> , 0, 13, .  | 2.2 | 4         |