Ivan V Zvyagin

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | VDJtools: Unifying Post-analysis of T Cell Receptor Repertoires. PLoS Computational Biology, 2015, 11, e1004503. | 3.2 | 528 |
| 2 | VDJdb: a curated database of T-cell receptor sequences with known antigen specificity. Nucleic Acids Research, 2018, 46, D419-D427. | 14.5 | 391 |
| 3 | VDJdb in 2019: database extension, new analysis infrastructure and a T-cell receptor motif compendium. Nucleic Acids Research, 2020, 48, D1057-D1062. | 14.5 | 268 |
| 4 | tcR: an R package for T cell receptor repertoire advanced data analysis. BMC Bioinformatics, 2015, 16, 175. | 2.6 | 240 |
| 5 | MiTCR: software for T-cell receptor sequencing data analysis. Nature Methods, 2013, 10, 813-814. | 19.0 | 176 |
| 6 | Preparing Unbiased T-Cell Receptor and Antibody cDNA Libraries for the Deep Next Generation Sequencing Profiling. Frontiers in Immunology, 2013, 4, 456. | 4.8 | 157 |
| 7 | Next generation sequencing for <scp>TCR</scp> repertoire profiling: Platformâ€specific features and correction algorithms. European Journal of Immunology, 2012, 42, 3073-3083. | 2.9 | 150 |
| 8 | Pairing of <scp>T</scp> â€eell receptor chains via emulsion <scp>PCR</scp> . European Journal of Immunology, 2013, 43, 2507-2515. | 2.9 | 126 |
| 9 | Distinctive properties of identical twins' TCR repertoires revealed by high-throughput sequencing. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5980-5985. | 7.1 | 106 |
| 10 | Phosphorus starvation and luxury uptake in green microalgae revisited. Algal Research, 2019, 43, 101651. | 4.6 | 71 |
| 11 | Quantitative tracking of T cell clones after haematopoietic stem cell transplantation. EMBO Molecular Medicine, 2011, 3, 201-207. | 6.9 | 63 |
| 12 | Exploring the pre-immune landscape of antigen-specific T cells. Genome Medicine, 2018, 10, 68. | 8.2 | 60 |
| 13 | CD8+ T cells with characteristic T cell receptor beta motif are detected in blood and expanded in synovial fluid of ankylosing spondylitis patients. Rheumatology, 2018, 57, 1097-1104. | 1.9 | 41 |
| 14 | Contribution of functional KIR3DL1 to ankylosing spondylitis. Cellular and Molecular Immunology, 2010, 7, 471-476. | 10.5 | 36 |
| 15 | VDJviz: a versatile browser for immunogenomics data. BMC Genomics, 2016, 17, 453. | 2.8 | 35 |
| 16 | An overview of immunoinformatics approaches and databases linking T cell receptor repertoires to their antigen specificity. Immunogenetics, 2020, 72, 77-84. | 2.4 | 25 |
| 17 | Universal and rapid method for purification of GFP-like proteins by the ethanol extraction. Protein Expression and Purification, 2009, 65, 108-113. | 1.3 | 24 |
| 18 | Quantitative profiling reveals minor changes of T cell receptor repertoire in response to subunit inactivated influenza vaccine. Vaccine, 2018, 36, 1599-1605. | 3.8 | 17 |

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|----|--|---------------------|-----------|
| 19 | T-cell tracking, safety, and effect of low-dose donor memory T-cell infusions after $\hat{1}\pm\hat{1}^2$ T cell-depleted hematopoietic stem cell transplantation. Bone Marrow Transplantation, 2021, 56, 900-908. | 2.4 | 8 |
| 20 | Surface NKG2C Identifies Differentiated $\hat{I}\pm\hat{I}^2$ T-Cell Clones Expanded in Peripheral Blood. Frontiers in Immunology, 2020, 11, 613882. | 4.8 | 6 |
| 21 | SAT0033â€TCR REPERTOIRE PROFILING OF SYNOVIAL FLUID OF HLA-B*27+ AND HLA-B*27- PATIENTS WITH PSORIATIC ARTHRITIS. , 2019, , . | | 0 |
| 22 | T Cell Repertoire after Alpha/Beta-T Cell Depleted Allogeneic Hematopoietic Stem Cell Transplantation in Pediatric Patients. Blood, 2016, 128, 4582-4582. | 1.4 | 0 |
| 23 | Đ~ÑÑĐ»ĐμĐϿ¾Đ²Đ°Đ½Đ͵Đμ ĐºĐ»Đ¾Đ½Đ°Đ»ÑŒĐ½Đ³4Đ³Đ¾ Ñ€ĐμĐ¿ĐμÑ€Ñ,ÑƒĐ°Ñ€Đ° Ñ"Ñ€Đ°ĐºÑ†Đ͵Ĕ |), Ð⁰.Ð ⁰Ñ,Ð | ,ĐôĐ,Ñ€Đ¾ |
| 24 | A STUDY OF THE REPERTOIRE OF ACTIVATED T-CELL CLONES OBTAINED FROM A PATIENT WITH ANKYLOSING SPONDYLITIS. Bulletin of Russian State Medical University, 2018, , 60-67. | 0.2 | 0 |
| 25 | Correlated dynamics of serum IGE and IGE+ clonotype count with allergen air level in seasonal allergic rhinitis. Bulletin of Russian State Medical University, 2019, , 13-22. | 0.2 | 0 |