

# Eiji Kobayashi

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,496  
citations

687363

13  
h-index

580821

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

2336  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Rapid cloning of antigen-specific T-cell receptors by leveraging the cis activation of T cells. <i>Nature Biomedical Engineering</i> , 2022, 6, 806-818.   | 22.5 | 7         |
| 2  | Rapid and efficient generation of Tâ€cell receptorâ€like antibodies using chipâ€based singleâ€cell analysis. <i>European Journal of Immunology</i> , 2021, 51, 1850-1853.  | 2.9  | 2         |
| 3  | TCR function analysis using a novel system reveals the multiple unconventional tumorâ€reactive T cells in human breast cancerâ€infiltrating lymphocytes. <i>European Journal of Immunology</i> , 2021, 51, 2306-2316.              | 2.9  | 5         |
| 4  | Physiologic Target, Molecular Evolution, and Pathogenic Functions of a Monoclonal Antiâ€Citrullinated Protein Antibody Obtained From a Patient With Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2020, 72, 2040-2049. | 5.6  | 6         |
| 5  | Relationship between T cell receptor clonotype and PDâ€1 expression of tumorâ€infiltrating lymphocytes in colorectal cancer. <i>European Journal of Immunology</i> , 2020, 50, 1580-1590.  | 2.9  | 3         |
| 6  | A novel and simple method to produce large amounts of recombinant soluble peptide/major histocompatibility complex monomers for analysis of antigen-specific human T cell receptors. <i>New Biotechnology</i> , 2019, 49, 169-177. | 4.4  | 6         |
| 7  | Isolation of Antigen-Specific, Antibody-Secreting Cells Using a Chip-Based Immunospot Array. <i>Methods in Molecular Biology</i> , 2019, 1904, 147-162.  | 0.9  | 0         |
| 8  | Identification of T-Cell Receptors Specific to Antigens Presented By HLA-B4002 and B5401 in Acquired Aplastic Anemia. <i>Blood</i> , 2019, 134, 3751-3751.   | 1.4  | 0         |
| 9  | Identification of Tumoricidal TCRs from Tumor-Infiltrating Lymphocytes by Single-Cell Analysis. <i>Cancer Immunology Research</i> , 2018, 6, 378-388.  | 3.4  | 35        |
| 10 | Autoantibodies reactive to PEP08 are clinically related with morbidity and severity of interstitial lung disease in connective tissue diseases. <i>European Journal of Immunology</i> , 2018, 48, 1717-1727.                       | 2.9  | 6         |
| 11 | Association Between High-Avidity T-Cell Receptors, Induced by Î±-Fetoproteinâ€Derived Peptides, and Anti-Tumor Effects in Patients With Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2017, 152, 1395-1406.e10.              | 1.3  | 61        |
| 12 | Mechanosensing drives acuity of T-cell recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8204-E8213.   | 7.1  | 148       |
| 13 | Monoclonal Antibody Against Citrullinated Peptides Obtained From Rheumatoid Arthritis Patients Reacts With Numerous Citrullinated Microbial and Food Proteins. <i>Arthritis and Rheumatology</i> , 2015, 67, 2020-2031.            | 5.6  | 29        |
| 14 | Immunological features of T cells induced by human telomerase reverse transcriptase-derived peptides in patients with hepatocellular carcinoma. <i>Cancer Letters</i> , 2015, 364, 98-105.   | 7.2  | 31        |
| 15 | A novel system for cloning human TCRs. <i>Oncolmmunology</i> , 2014, 3, e27258.  | 4.6  | 1         |
| 16 | A chimeric antigen receptor for TRAIL-receptor 1 induces apoptosis in various types of tumor cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 798-803.   | 2.1  | 33        |
| 17 | Antibody-dependent cellular cytotoxicity and cytokine/chemokine secretion by KHYG-1 cells stably expressing FcÎ³R3A. <i>Immunology Letters</i> , 2014, 161, 59-64.   | 2.5  | 3         |
| 18 | Retroviral vectors for homologous recombination provide efficient cloning and expression in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 319-324.                                      | 2.1  | 3         |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Comprehensive and efficient analyses of T cell receptors for cancer antigens in peptide-vaccinated patients using a single cell-based gene cloning system. , 2014, 2, .   |      | 0         |
| 20 | A new cloning and expression system yields and validates TCRs from blood lymphocytes of patients with cancer within 10 days. Nature Medicine, 2013, 19, 1542-1546.  | 30.7 | 79        |
| 21 | Cleavage of the interchain disulfide bonds in rituximab increases its affinity for Fc $\gamma$ 3RIIA. Biochemical and Biophysical Research Communications, 2013, 436, 519-524.  | 2.1  | 7         |
| 22 | The binding affinity of a soluble TCR-Fc fusion protein is significantly improved by crosslinkage with an anti-C $\delta$ 2 antibody. Biochemical and Biophysical Research Communications, 2012, 422, 245-249.            | 2.1  | 3         |
| 23 | Unbiased Analysis of TCR $\alpha/\beta$ Chains at the Single-Cell Level in Human CD8+ T-Cell Subsets. PLoS ONE, 2012, 7, e40386.  | 2.5  | 31        |
| 24 | A Novel Rabbit Immunospot Array Assay on a Chip Allows for the Rapid Generation of Rabbit Monoclonal Antibodies with High Affinity. PLoS ONE, 2012, 7, e52383.  | 2.5  | 20        |
| 25 | Differential but Competitive Binding of Nogo Protein and Class I Major Histocompatibility Complex (MHC) to the PIR-B Ectodomain Provides an Inhibition of Cells. Journal of Biological Chemistry, 2011, 286, 25739-25747. | 3.4  | 31        |
| 26 | Regulation of cytotoxic T lymphocyte triggering by PIR-B on dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14515-14520.                                     | 7.1  | 47        |
| 27 | Exacerbated graft-versus-host disease in PIRB $^{-/-}$ mice. Nature Immunology, 2004, 5, 623-629.   | 14.5 | 117       |
| 28 | Costimulatory signals mediated by the ITAM motif cooperate with RANKL for bone homeostasis. Nature, 2004, 428, 758-763.   | 27.8 | 782       |