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<td>1885</td>
<td>IL-3 Promotes Basophilic Differentiation of KU812 Cells through High Affinity Binding Sites</td>
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<tr>
<td>J. van de Winkel, M. Jansze, and P. J. A. Capel</td>
<td>1890</td>
<td>Effect of Protease Inhibitors on Human Monocyte IgG Fc Receptor II: Evidence that Serine Esterase Activity Is Essential for FcγRII-Mediated Binding</td>
</tr>
<tr>
<td>J. A. Warner and D. W. MacGlashan, Jr.</td>
<td>1897</td>
<td>Signal Transduction Events in Human Basophils: A Comparative Study of the Role of Protein Kinase C in Basophils Activated by Anti-IgE Antibody and Formyl-Methionyl-Leucyl-Phenylalanine</td>
</tr>
<tr>
<td>R. Welbourn, G. Goldman, L. Kobzik, I. Paterson, C. R. Valeri, D. Shepro, and H. B. Hechtman</td>
<td>1906</td>
<td>Neutrophil Adherence Receptors (CD18) in Ischemia: Dissociation between Quantitative Cell Surface Expression and Diapedesis Mediated by Leukotriene B4</td>
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<td>G.-E. Kwan-Lim and R. M. Mai-zels</td>
<td>1912</td>
<td>MHC- and Non-MHC-Restricted Recognition of Filarial Surface Antigens in Mice Transplanted with Adult Brugia malayi Parasites</td>
</tr>
<tr>
<td>M. Nain, F. Hinder, J.-H. Gong, A. Schmidt, A. Bender, H. Sprenger, and D. Gemsa</td>
<td>1921</td>
<td>Tumor Necrosis Factor-α Production of Influenza A Virus-Infected Macrophages and Potentiating Effect of Lipopolysaccharides</td>
</tr>
<tr>
<td>W. C. Yang, R. M. Hesselton, and J. L. Sullivan</td>
<td>1929</td>
<td>Immune Responses to Herpesvirus sylvilagus Infection in Cottontail Rabbits</td>
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<th>Title</th>
</tr>
</thead>
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<tr>
<td>T. Guillaume, D. B. Rubinstein, F. Young, L. Tucker, T. Logtenberg, R. S. Schwartz, and K. J. Barrett</td>
<td>1934</td>
<td>Individual VH Genes Detected with Oligonucleotide Probes from the Complementarity-Determining Regions</td>
</tr>
<tr>
<td>M. Tanabe, M. Minami, K. Kano, and M. Takiguchi</td>
<td>1968</td>
<td>The Allorecognition of H-2Kb-Specific CD4+CD8+ T Cell Hybridomas Is Influenced by the Substitution at Residue 256 of MHC Class I Molecules</td>
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<td>S. Sugawara, M. Nowicki, S. Xie, H.-J. Song, and G. Dennert</td>
<td>1991</td>
<td>Effects of Stress on Lysability of Tumor Targets by Cytotoxic T Cells and Tumor Necrosis Factor</td>
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