

# Jan J Buer

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

240  
papers

15,494  
citations

64  
h-index

119  
g-index

247  
ext. papers

17,363  
ext. citations

7.7  
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6.03  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 240 | The aryl hydrocarbon receptor links TH17-cell-mediated autoimmunity to environmental toxins. <i>Nature</i> , <b>2008</b> , 453, 106-9  | 50.4 | 1247      |
| 239 | Transforming growth factor-beta $\beta$ programs the differentiation of T helper 2 cells and promotes an interleukin 9-producing subset. <i>Nature Immunology</i> , <b>2008</b> , 9, 1341-6  | 19.1 | 892       |
| 238 | Salmonella enterica serovar typhimurium exploits inflammation to compete with the intestinal microbiota. <i>PLoS Biology</i> , <b>2007</b> , 5, 2177-89                                      | 9.7  | 736       |
| 237 | Developmental stage, phenotype, and migration distinguish naive- and effector/memory-like CD4+ regulatory T cells. <i>Journal of Experimental Medicine</i> , <b>2004</b> , 199, 303-13       | 16.6 | 510       |
| 236 | Cdkn1a deletion improves stem cell function and lifespan of mice with dysfunctional telomeres without accelerating cancer formation. <i>Nature Genetics</i> , <b>2007</b> , 39, 99-105       | 36.3 | 352       |
| 235 | Neuropilin-1: a surface marker of regulatory T cells. <i>European Journal of Immunology</i> , <b>2004</b> , 34, 623-630  | 6.1  | 330       |
| 234 | Purinergic control of T cell activation by ATP released through pannexin-1 hemichannels. <i>Science Signaling</i> , <b>2008</b> , 1, ra6   | 8.8  | 307       |
| 233 | Anti-infective properties of epigallocatechin-3-gallate (EGCG), a component of green tea. <i>British Journal of Pharmacology</i> , <b>2013</b> , 168, 1059-73                                | 8.6  | 300       |
| 232 | TLR13 recognizes bacterial 23S rRNA devoid of erythromycin resistance-forming modification. <i>Science</i> , <b>2012</b> , 337, 1111-5   | 33.3 | 300       |
| 231 | Probiotic Escherichia coli Nissle 1917 inhibits leaky gut by enhancing mucosal integrity. <i>PLoS ONE</i> , <b>2007</b> , 2, e1308   | 3.7  | 297       |
| 230 | The Wingless homolog WNT5A and its receptor Frizzled-5 regulate inflammatory responses of human mononuclear cells induced by microbial stimulation. <i>Blood</i> , <b>2006</b> , 108, 965-73 | 2.2  | 285       |
| 229 | Gene expression profiling of human decidual macrophages: evidence for immunosuppressive phenotype. <i>PLoS ONE</i> , <b>2008</b> , 3, e2078  | 3.7  | 267       |
| 228 | Quorum-sensing antagonistic activities of azithromycin in Pseudomonas aeruginosa PAO1: a global approach. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2006</b> , 50, 1680-8            | 5.9  | 232       |
| 227 | Myeloid-derived suppressor cells in inflammatory bowel disease: a new immunoregulatory pathway. <i>Gastroenterology</i> , <b>2008</b> , 135, 871-81, 881.e1-5                                | 13.3 | 231       |
| 226 | CXCR4/CXCL12 expression and signalling in kidney cancer. <i>British Journal of Cancer</i> , <b>2002</b> , 86, 1250-6   | 8.7  | 218       |
| 225 | The Pseudomonas aeruginosa quinolone signal (PQS) has an iron-chelating activity. <i>Environmental Microbiology</i> , <b>2006</b> , 8, 1318-29   | 5.2  | 207       |
| 224 | GATA-3 promotes maturation, IFN-gamma production, and liver-specific homing of NK cells. <i>Immunity</i> , <b>2003</b> , 19, 701-11  | 32.3 | 196       |

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|-----|---|------|-----|
| 223 | Interleukin 10 secretion and impaired effector function of major histocompatibility complex class II-restricted T cells energized in vivo. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 187, 177-83                | 16.6 | 193 |
| 222 | ATP inhibits the generation and function of regulatory T cells through the activation of purinergic P2X receptors. <i>Science Signaling</i> , <b>2011</b> , 4, ra12   | 8.8  | 185 |
| 221 | A novel human primary immunodeficiency syndrome caused by deficiency of the endosomal adaptor protein p14. <i>Nature Medicine</i> , <b>2007</b> , 13, 38-45   | 50.5 | 175 |
| 220 | Long-term anaerobic survival of the opportunistic pathogen <i>Pseudomonas aeruginosa</i> via pyruvate fermentation. <i>Journal of Bacteriology</i> , <b>2004</b> , 186, 4596-604  | 3.5  | 175 |
| 219 | Neuropilin 1 deficiency on CD4+Foxp3+ regulatory T cells impairs mouse melanoma growth. <i>Journal of Experimental Medicine</i> , <b>2012</b> , 209, 2001-16  | 16.6 | 172 |
| 218 | Pleiotropic changes controlled by the pre-T-cell receptor. <i>Current Opinion in Immunology</i> , <b>1999</b> , 11, 135-42  | 171  |     |
| 217 | G-CSF as immune regulator in T cells expressing the G-CSF receptor: implications for transplantation and autoimmune diseases. <i>Blood</i> , <b>2003</b> , 102, 734-9   | 2.2  | 165 |
| 216 | An extended transcriptional regulatory network of <i>Escherichia coli</i> and analysis of its hierarchical structure and network motifs. <i>Nucleic Acids Research</i> , <b>2004</b> , 32, 6643-9                             | 20.1 | 151 |
| 215 | Skp2-dependent degradation of p27kip1 is essential for cell cycle progression. <i>Genes and Development</i> , <b>2004</b> , 18, 2602-7  | 12.6 | 143 |
| 214 | Interleukin-6/glycoprotein 130-dependent pathways are protective during liver regeneration. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 11281-8   | 5.4  | 138 |
| 213 | Naive regulatory T cells: a novel subpopulation defined by resistance toward CD95L-mediated cell death. <i>Blood</i> , <b>2006</b> , 108, 3371-8  | 2.2  | 137 |
| 212 | Emergence of azole-resistant invasive aspergillosis in HSCT recipients in Germany. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2015</b> , 70, 1522-6  | 5.1  | 129 |
| 211 | Argyriin a reveals a critical role for the tumor suppressor protein p27(kip1) in mediating antitumor activities in response to proteasome inhibition. <i>Cancer Cell</i> , <b>2008</b> , 14, 23-35                            | 24.3 | 127 |
| 210 | Telomere shortening impairs organ regeneration by inhibiting cell cycle re-entry of a subpopulation of cells. <i>EMBO Journal</i> , <b>2003</b> , 22, 4003-13   | 13   | 127 |
| 209 | Hierarchical structure and modules in the <i>Escherichia coli</i> transcriptional regulatory network revealed by a new top-down approach. <i>BMC Bioinformatics</i> , <b>2004</b> , 5, 199                                    | 3.6  | 126 |
| 208 | CX3CR1+ CD8alpha+ dendritic cells are a steady-state population related to plasmacytoid dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 14745-50 | 11.5 | 123 |
| 207 | Essential role of the pre-T cell receptor in allelic exclusion of the T cell receptor beta locus. <i>Immunity</i> , <b>1997</b> , 7, 601-7  | 32.3 | 123 |
| 206 | Anaerobic adaptation in <i>Pseudomonas aeruginosa</i> : definition of the Anr and Dnr regulons. <i>Environmental Microbiology</i> , <b>2010</b> , 12, 1719-33   | 5.2  | 115 |

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|-----|---|------|-----|
| 205 | Hypoxia Enhances Immunosuppression by Inhibiting CD4+ Effector T Cell Function and Promoting Treg Activity. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 41, 1271-1284   | 3.9  | 111 |
| 204 | The use of calcium phosphate nanoparticles encapsulating Toll-like receptor ligands and the antigen hemagglutinin to induce dendritic cell maturation and T cell activation. <i>Biomaterials</i> , <b>2010</b> , 31, 5627-33              | 15.6 | 106 |
| 203 | The transcriptional repressor Gfi1 controls STAT3-dependent dendritic cell development and function. <i>Immunity</i> , <b>2005</b> , 22, 717-28   | 32.3 | 105 |
| 202 | Fingerprints of anergic T cells. <i>Current Biology</i> , <b>2001</b> , 11, 587-95  | 6.3  | 100 |
| 201 | Crucial function of the pre-T-cell receptor (TCR) in TCR beta selection, TCR beta allelic exclusion and alpha beta versus gamma delta lineage commitment. <i>Immunological Reviews</i> , <b>1998</b> , 165, 111-9                         | 11.3 | 95  |
| 200 | Role of different T cell receptors in the development of pre-T cells. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 185, 1541-7   | 16.6 | 94  |
| 199 | Mechanism of the uptake of cationic and anionic calcium phosphate nanoparticles by cells. <i>Acta Biomaterialia</i> , <b>2013</b> , 9, 7527-35  | 10.8 | 93  |
| 198 | Molecular and functional analysis of Shiga toxin-induced response patterns in human vascular endothelial cells. <i>Blood</i> , <b>2003</b> , 102, 1323-32   | 2.2  | 92  |
| 197 | On the edge of autoimmunity: T-cell stimulation by steady-state dendritic cells prevents autoimmune diabetes. <i>Diabetes</i> , <b>2005</b> , 54, 3395-401  | 0.9  | 91  |
| 196 | GARP: a key receptor controlling FOXP3 in human regulatory T cells. <i>Journal of Cellular and Molecular Medicine</i> , <b>2009</b> , 13, 3343-57   | 5.6  | 90  |
| 195 | On the role of the pre-T cell receptor in alphabeta versus gammadelta T lineage commitment. <i>Immunity</i> , <b>1998</b> , 9, 649-55   | 32.3 | 88  |
| 194 | Colonic gene silencing using siRNA-loaded calcium phosphate/PLGA nanoparticles ameliorates intestinal inflammation in vivo. <i>Journal of Controlled Release</i> , <b>2016</b> , 222, 86-96   | 11.7 | 86  |
| 193 | Cell targeting by antibody-functionalized calcium phosphate nanoparticles. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 396-404  |      | 85  |
| 192 | Alveolar type II epithelial cells present antigen to CD4(+) T cells and induce Foxp3(+) regulatory T cells. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2009</b> , 179, 344-55                                 | 10.2 | 84  |
| 191 | Expression analysis of a highly adherent and cytotoxic small colony variant of <i>Pseudomonas aeruginosa</i> isolated from a lung of a patient with cystic fibrosis. <i>Journal of Bacteriology</i> , <b>2004</b> , 186, 3837-47          | 3.5  | 84  |
| 190 | Elevated pretreatment serum levels of soluble vascular cell adhesion molecule 1 and lactate dehydrogenase as predictors of survival in cutaneous metastatic malignant melanoma. <i>British Journal of Cancer</i> , <b>1998</b> , 78, 40-5 | 8.7  | 81  |
| 189 | Signatures of human regulatory T cells: an encounter with old friends and new players. <i>Genome Biology</i> , <b>2006</b> , 7, R54   | 18.3 | 81  |
| 188 | Autoimmunity resulting from cytokine treatment predicts long-term survival in patients with metastatic renal cell cancer. <i>Journal of Clinical Oncology</i> , <b>1999</b> , 17, 529-33  | 2.2  | 80  |

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| 187 | Identification of unique gene expression patterns within different lesional sites of keloids. <i>Wound Repair and Regeneration</i> , <b>2008</b> , 16, 254-65  | 3.6  | 77 |
| 186 | The cellular level of telomere dysfunction determines induction of senescence or apoptosis in vivo. <i>EMBO Reports</i> , <b>2005</b> , 6, 275-81  | 6.5  | 76 |
| 185 | In vitro-generated regulatory T cells induced by Foxp3-retrovirus infection control murine contact allergy and systemic autoimmunity. <i>Gene Therapy</i> , <b>2005</b> , 12, 1294-304   | 4    | 74 |
| 184 | Elevated serum levels of S100 and survival in metastatic malignant melanoma. <i>British Journal of Cancer</i> , <b>1997</b> , 75, 1373-6   | 8.7  | 73 |
| 183 | Mitogen stimulation cooperates with telomere shortening to activate DNA damage responses and senescence signaling. <i>Molecular and Cellular Biology</i> , <b>2004</b> , 24, 5459-74   | 4.8  | 72 |
| 182 | Genome-wide transcriptional profiling of the steady-state response of <i>Pseudomonas aeruginosa</i> to hydrogen peroxide. <i>Journal of Bacteriology</i> , <b>2005</b> , 187, 2565-72  | 3.5  | 72 |
| 181 | Mice, microbes and models of infection. <i>Nature Reviews Genetics</i> , <b>2003</b> , 4, 195-205  | 30.1 | 69 |
| 180 | Transient ablation of regulatory T cells improves antitumor immunity in colitis-associated colon cancer. <i>Cancer Research</i> , <b>2014</b> , 74, 4258-69  | 10.1 | 68 |
| 179 | CD4+Foxp3+ regulatory T cell expansion induced by antigen-driven interaction with intestinal epithelial cells independent of local dendritic cells. <i>Gut</i> , <b>2009</b> , 58, 211-9   | 19.2 | 68 |
| 178 | Gene and protein characteristics reflect functional diversity of CD56dim and CD56bright NK cells. <i>Journal of Leukocyte Biology</i> , <b>2006</b> , 80, 1529-41  | 6.5  | 68 |
| 177 | Interleukin 10 (IL-10): an immunosuppressive factor and independent predictor in patients with metastatic renal cell carcinoma. <i>British Journal of Cancer</i> , <b>1999</b> , 79, 1182-4  | 8.7  | 64 |
| 176 | Immunization with biodegradable nanoparticles efficiently induces cellular immunity and protects against influenza virus infection. <i>Journal of Immunology</i> , <b>2013</b> , 190, 6221-9   | 5.3  | 63 |
| 175 | Direct identification of bacteria in urine samples by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry and relevance of defensins as interfering factors. <i>Journal of Medical Microbiology</i> , <b>2012</b> , 61, 339-344 | 3.2  | 62 |
| 174 | Autoimmune-mediated intestinal inflammation-impact and regulation of antigen-specific CD8+ T cells. <i>Gastroenterology</i> , <b>2006</b> , 131, 510-24  | 13.3 | 62 |
| 173 | Intestinal immunity of <i>Escherichia coli</i> NISSLE 1917: a safe carrier for therapeutic molecules. <i>FEMS Immunology and Medical Microbiology</i> , <b>2005</b> , 43, 373-84   |      | 62 |
| 172 | The IL-33/ST2 pathway shapes the regulatory T cell phenotype to promote intestinal cancer. <i>Mucosal Immunology</i> , <b>2019</b> , 12, 990-1003  | 9.2  | 60 |
| 171 | Human TLR8 senses UR/URR motifs in bacterial and mitochondrial RNA. <i>EMBO Reports</i> , <b>2015</b> , 16, 1656-68.5  | 6.5  | 58 |
| 170 | Nonfunctional regulatory T cells and defective control of Th2 cytokine production in natural scurfy mutant mice. <i>Journal of Immunology</i> , <b>2009</b> , 183, 5662-72   | 5.3  | 58 |

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| 169 | Testing the importance of p27 degradation by the SCFskp2 pathway in murine models of lung and colon cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 14009-14                   | 11.5 | 58 |
| 168 | CD83 expression in CD4+ T cells modulates inflammation and autoimmunity. <i>Journal of Immunology</i> , <b>2008</b> , 180, 5890-7  | 5.3  | 57 |
| 167 | Inhibition of the transcription factor Foxp3 converts desmoglein 3-specific type 1 regulatory T cells into Th2-like cells. <i>Journal of Immunology</i> , <b>2006</b> , 176, 3215-22   | 5.3  | 54 |
| 166 | Common and unique gene expression signatures of human macrophages in response to four strains of <i>Mycobacterium avium</i> that differ in their growth and persistence characteristics. <i>Infection and Immunity</i> , <b>2005</b> , 73, 3330-41 | 3.7  | 52 |
| 165 | The reprogrammed host: <i>Chlamydia trachomatis</i> -induced up-regulation of glycoprotein 130 cytokines, transcription factors, and antiapoptotic genes. <i>Arthritis and Rheumatism</i> , <b>2001</b> , 44, 2392-401                             |      | 52 |
| 164 | G protein-coupled receptor 83 overexpression in naive CD4+CD25- T cells leads to the induction of Foxp3+ regulatory T cells in vivo. <i>Journal of Immunology</i> , <b>2006</b> , 177, 209-15  | 5.3  | 48 |
| 163 | Genomic peculiarity of coding sequences and metabolic potential of probiotic <i>Escherichia coli</i> strain Nissle 1917 inferred from raw genome data. <i>Journal of Biotechnology</i> , <b>2005</b> , 117, 147-61                                 | 3.7  | 48 |
| 162 | Antibiotic treatment-induced secondary IgA deficiency enhances susceptibility to <i>Pseudomonas aeruginosa</i> pneumonia. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 3535-3545  | 15.9 | 48 |
| 161 | Cd14, Gbp1, and Pla2g2a: three major candidate genes for experimental IBD identified by combining QTL and microarray analyses. <i>Physiological Genomics</i> , <b>2006</b> , 25, 426-34  | 3.6  | 46 |
| 160 | GeneChip expression analysis of the VqsR regulon of <i>Pseudomonas aeruginosa</i> TB. <i>FEMS Microbiology Letters</i> , <b>2005</b> , 242, 287-95   | 2.9  | 46 |
| 159 | UBD, a downstream element of FOXP3, allows the identification of LGALS3, a new marker of human regulatory T cells. <i>Laboratory Investigation</i> , <b>2006</b> , 86, 724-37  | 5.9  | 44 |
| 158 | Resistance and susceptibility to tuberculosis analysed at the transcriptome level: lessons from mouse macrophages. <i>Tuberculosis</i> , <b>2004</b> , 84, 144-58  | 2.6  | 43 |
| 157 | Gene expression patterns of epithelial cells modulated by pathogenicity factors of <i>Yersinia enterocolitica</i> . <i>Cellular Microbiology</i> , <b>2004</b> , 6, 129-41   | 3.9  | 43 |
| 156 | The host response to the probiotic <i>Escherichia coli</i> strain Nissle 1917: specific up-regulation of the proinflammatory chemokine MCP-1. <i>BMC Medical Genetics</i> , <b>2005</b> , 6, 43  | 2.1  | 43 |
| 155 | Changes in function of antigen-specific lymphocytes correlating with progression towards diabetes in a transgenic model. <i>EMBO Journal</i> , <b>1998</b> , 17, 71-80   | 13   | 42 |
| 154 | Gene expression profiling of human articular cartilage grafts generated by tissue engineering. <i>Biomaterials</i> , <b>2006</b> , 27, 3617-30   | 15.6 | 42 |
| 153 | Comparison of a shiga toxin enzyme-linked immunosorbent assay and two types of PCR for detection of shiga toxin-producing <i>Escherichia coli</i> in human stool specimens. <i>Journal of Clinical Microbiology</i> , <b>2003</b> , 41, 4671-5     | 9.7  | 42 |
| 152 | Strong impact of CD4+ Foxp3+ regulatory T cells and limited effect of T cell-derived IL-10 on pathogen clearance during <i>Plasmodium yoelii</i> infection. <i>Journal of Immunology</i> , <b>2012</b> , 188, 5467-77                              | 5.3  | 41 |

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|-----|--|------|----|
| 151 | Quantitative determination of the composition of multi-shell calcium phosphate-oligonucleotide nanoparticles and their application for the activation of dendritic cells. <i>Acta Biomaterialia</i> , <b>2011</b> , 7, 4029-36                                 | 10.8 | 41 |
| 150 | The potential of nanoparticles for the immunization against viral infections. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 4767-4779   | 7.3  | 40 |
| 149 | Exacerbation of ischemic brain injury in hypercholesterolemic mice is associated with pronounced changes in peripheral and cerebral immune responses. <i>Neurobiology of Disease</i> , <b>2014</b> , 62, 456-68  | 7.5  | 40 |
| 148 | Calcium phosphate nanoparticles as versatile carrier for small and large molecules across cell membranes. <i>Journal of Nanoparticle Research</i> , <b>2012</b> , 14, 1  | 2.3  | 40 |
| 147 | Echinocandin resistance and population structure of invasive <i>Candida glabrata</i> isolates from two university hospitals in Germany and Austria. <i>Mycoses</i> , <b>2016</b> , 59, 312-8   | 5.2  | 40 |
| 146 | Prophylactic and therapeutic vaccination with a nanoparticle-based peptide vaccine induces efficient protective immunity during acute and chronic retroviral infection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2014</b> , 10, 1787-98 | 6    | 38 |
| 145 | First reported case of azole-resistant <i>aspergillus fumigatus</i> due to the TR/L98H mutation in Germany. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2012</b> , 56, 6060-1  | 5.9  | 38 |
| 144 | Relevance of Foxp3+ regulatory T cells for early and late phases of murine sepsis. <i>Immunology</i> , <b>2015</b> , 146, 144-56   | 7.8  | 37 |
| 143 | Biofilm formation of the black yeast-like fungus <i>Exophiala dermatitidis</i> and its susceptibility to anti-infective agents. <i>Scientific Reports</i> , <b>2017</b> , 7, 42886   | 4.9  | 36 |
| 142 | T cells, dendritic cells and epithelial cells in intestinal homeostasis. <i>International Journal of Medical Microbiology</i> , <b>2010</b> , 300, 11-8  | 3.7  | 36 |
| 141 | Genetically induced pancreatic adenocarcinoma is highly immunogenic and causes spontaneous tumor-specific immune responses. <i>Cancer Research</i> , <b>2006</b> , 66, 508-16  | 10.1 | 36 |
| 140 | CD4+ T cell mediated intestinal immunity: chronic inflammation versus immune regulation. <i>Gut</i> , <b>2005</b> , 54, 60-9   | 19.2 | 33 |
| 139 | Biochemotherapy of advanced metastatic renal-cell carcinoma: results of the combination of interleukin-2, alpha-interferon, 5-fluorouracil, vinblastine, and 13-cis-retinoic acid. <i>World Journal of Urology</i> , <b>1995</b> , 13, 174-7                   | 4    | 33 |
| 138 | Delivery of the TLR ligand poly(I:C) to liver cells in vitro and in vivo by calcium phosphate nanoparticles leads to a pronounced immunostimulation. <i>Acta Biomaterialia</i> , <b>2017</b> , 64, 401-410   | 10.8 | 32 |
| 137 | Genes for the majority of group a streptococcal virulence factors and extracellular surface proteins do not confer an increased propensity to cause invasive disease. <i>Clinical Infectious Diseases</i> , <b>2006</b> , 43, 884-91                           | 11.6 | 32 |
| 136 | Infection of human endothelial cells with <i>Staphylococcus aureus</i> induces transcription of genes encoding an innate immunity response. <i>Scandinavian Journal of Immunology</i> , <b>2005</b> , 61, 536-44   | 3.4  | 32 |
| 135 | Regulatory T cells and T-cell-derived IL-10 interfere with effective anti-cytomegalovirus immune response. <i>Immunology and Cell Biology</i> , <b>2014</b> , 92, 860-71   | 5    | 31 |
| 134 | Vancomycin MIC creep in MRSA blood culture isolates from Germany: a regional problem?. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>2011</b> , 30, 677-83   | 5.3  | 31 |



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|-----|---|------|----|
| 133 | Retinoic acid-induced gut tropism improves the protective capacity of Treg in acute but not in chronic gut inflammation. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 2539-48  | 6.1  | 30 |
| 132 | Immunocytochemical detection of P-glycoprotein: initial expression correlates with survival in renal cell carcinoma patients. <i>Oncology</i> , <b>1994</b> , 51, 309-13  | 3.6  | 30 |
| 131 | The IL-1R/TLR signaling pathway is essential for efficient CD8 T-cell responses against hepatitis B virus in the hydrodynamic injection mouse model. <i>Cellular and Molecular Immunology</i> , <b>2017</b> , 14, 997-1008              | 15.4 | 29 |
| 130 | Impact of 5-aza-2-deoxycytidine and epigallocatechin-3-gallate for induction of human regulatory T cells. <i>Immunology</i> , <b>2014</b> , 142, 384-95   | 7.8  | 28 |
| 129 | Multiplex PCR for rapid and improved diagnosis of bloodstream infections in liver transplant recipients. <i>Journal of Clinical Microbiology</i> , <b>2012</b> , 50, 2069-71  | 9.7  | 28 |
| 128 | The Mycoplasma-derived macrophage-activating 2-kilodalton lipopeptide triggers global immune activation on nasal mucosa-associated lymphoid tissues. <i>Infection and Immunity</i> , <b>2004</b> , 72, 6978-86                          | 3.7  | 28 |
| 127 | Monitoring gene expression of TNFR family members by beta-cells during development of autoimmune diabetes. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 1224-32  | 6.1  | 28 |
| 126 | Effects of green tea compound epigallocatechin-3-gallate against <i>Stenotrophomonas maltophilia</i> infection and biofilm. <i>PLoS ONE</i> , <b>2014</b> , 9, e92876   | 3.7  | 27 |
| 125 | Gene expression signatures of peripheral CD4+ T cells clearly discriminate between patients with acute and chronic hepatitis B infection. <i>Hepatology</i> , <b>2009</b> , 49, 781-90  | 11.2 | 27 |
| 124 | CD4 T Lymphocyte-mediated lung disease: steady state between pathological and tolerogenic immune reactions. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2004</b> , 170, 1145-52                              | 10.2 | 27 |
| 123 | Intestinal helminth infection drives carcinogenesis in colitis-associated colon cancer. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006649  | 7.6  | 26 |
| 122 | Local delivery of siRNA-loaded calcium phosphate nanoparticles abates pulmonary inflammation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2017</b> , 13, 2395-2403  | 6    | 26 |
| 121 | Bacterial colonization of chronic leg ulcers: current results compared with data 5 years ago in a specialized dermatology department. <i>Journal of the European Academy of Dermatology and Venereology</i> , <b>2010</b> , 24, 1017-25 | 4.6  | 25 |
| 120 | gamma(c) cytokines provide multiple homeostatic signals to naive CD4(+) T cells. <i>European Journal of Immunology</i> , <b>2007</b> , 37, 2606-16  | 6.1  | 24 |
| 119 | Efficient nucleic acid delivery to murine regulatory T cells by gold nanoparticle conjugates. <i>Scientific Reports</i> , <b>2016</b> , 6, 28709  | 4.9  | 24 |
| 118 | Principal component analysis of MALDI TOF MS mass spectra separates <i>M. abscessus</i> (sensu stricto) from <i>M. massiliense</i> isolates. <i>BMC Microbiology</i> , <b>2016</b> , 16, 24   | 4.5  | 24 |
| 117 | FOXP3 and GARP (LRRC32): the master and its minion. <i>Biology Direct</i> , <b>2010</b> , 5, 8  | 7.2  | 23 |
| 116 | Combined toll-like receptor 3/7/9 deficiency on host cells results in T-cell-dependent control of tumour growth. <i>Nature Communications</i> , <b>2017</b> , 8, 14600  | 17.4 | 22 |



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|-----|---|-----|----|
| 115 | Bacterial spectrum colonizing chronic leg ulcers: a 10-year comparison from a German wound care center. <i>JDDG - Journal of the German Society of Dermatology</i> , <b>2014</b> , 12, 1121-7   | 1.2 | 22 |
| 114 | Phenotypic alterations in type II alveolar epithelial cells in CD4+ T cell mediated lung inflammation. <i>Respiratory Research</i> , <b>2007</b> , 8, 47  | 7.3 | 22 |
| 113 | Conformational polymorphisms of cRNA of T-cell-receptor genes as a clone-specific molecular marker for cutaneous lymphoma. <i>Journal of Investigative Dermatology</i> , <b>1993</b> , 101, 514-6                                     | 4.3 | 22 |
| 112 | Combination of nanoparticle-based therapeutic vaccination and transient ablation of regulatory T cells enhances anti-viral immunity during chronic retroviral infection. <i>Retrovirology</i> , <b>2016</b> , 13, 24                  | 3.6 | 22 |
| 111 | Inflammatory pseudotumor of the lung following invasive aspergillosis in a patient with chronic graft-vs.-host disease. <i>European Journal of Haematology</i> , <b>2005</b> , 75, 68-72  | 3.8 | 21 |
| 110 | Characterization of a B220+ lymphoid cell subpopulation with immune modulatory functions in nasal-associated lymphoid tissues. <i>Journal of Immunology</i> , <b>2005</b> , 174, 1317-24  | 5.3 | 21 |
| 109 | Quantification of regulatory T cells in septic patients by real-time PCR-based methylation assay and flow cytometry. <i>PLoS ONE</i> , <b>2012</b> , 7, e49962  | 3.7 | 21 |
| 108 | Gut Microbiota in Human Immunodeficiency Virus-Infected Individuals Linked to Coronary Heart Disease. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 219, 497-508  | 7   | 21 |
| 107 | Analysis of Cd14 as a genetic modifier of experimental inflammatory bowel disease (IBD) in mice. <i>Inflammatory Bowel Diseases</i> , <b>2009</b> , 15, 1824-36   | 4.5 | 20 |
| 106 | Local induction of immunosuppressive CD8+ T cells in the gut-associated lymphoid tissues. <i>PLoS ONE</i> , <b>2010</b> , 5, e15373   | 3.7 | 20 |
| 105 | A Tumor-Peptide-Based Nanoparticle Vaccine Elicits Efficient Tumor Growth Control in Antitumor Immunotherapy. <i>Molecular Cancer Therapeutics</i> , <b>2019</b> , 18, 1069-1080  | 6.1 | 19 |
| 104 | Evaluation of the Essen Rotary as a new technique for bacterial swabs: results of a prospective controlled clinical investigation in 50 patients with chronic leg ulcers. <i>International Wound Journal</i> , <b>2014</b> , 11, 44-9 | 2.6 | 19 |
| 103 | Clinical Relevance of Pathogens Detected by Multiplex PCR in Blood of Very-Low-Birth Weight Infants with Suspected Sepsis - Multicentre Study of the German Neonatal Network. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159821            | 3.7 | 19 |
| 102 | Calcium phosphate nanoparticles show an effective activation of the innate immune response in vitro and in vivo after functionalization with flagellin. <i>Virologica Sinica</i> , <b>2014</b> , 29, 33-9                             | 6.4 | 18 |
| 101 | GenoType NTM-DR for Identifying Mycobacterium abscessus Subspecies and Determining Molecular Resistance. <i>Journal of Clinical Microbiology</i> , <b>2016</b> , 54, 1653-1655  | 9.7 | 18 |
| 100 | DC-Derived IL-10 Modulates Pro-inflammatory Cytokine Production and Promotes Induction of CD4IL-10 Regulatory T Cells during Infection. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 152   | 8.4 | 17 |
| 99  | Frequency and gene expression profile of regulatory T cells in renal cell carcinoma. <i>Tumor Biology</i> , <b>2009</b> , 30, 160-70  | 2.9 | 17 |
| 98  | Intestinal epithelial antigen induces CD4+ T cells with regulatory phenotype in a transgenic autoimmune mouse model. <i>Annals of the New York Academy of Sciences</i> , <b>2006</b> , 1072, 401-6                                    | 6.5 | 17 |

|    |   |      |    |
|----|---|------|----|
| 97 | Changes in actin dynamics at the T-cell/APC interface: implications for T-cell anergy?. <i>Immunological Reviews</i> , <b>2002</b> , 189, 98-110  | 11.3 | 17 |
| 96 | Contrasting effects of telomere shortening on organ homeostasis, tumor suppression, and survival during chronic liver damage. <i>Oncogene</i> , <b>2005</b> , 24, 1501-9  | 9.2  | 17 |
| 95 | Differential expression of GPR15 on T cells during ulcerative colitis. <i>JCI Insight</i> , <b>2017</b> , 2,  | 9.9  | 17 |
| 94 | In vitro activity of olorofim (F901318) against fungi of the genus, <i>Scedosporium</i> and <i>Rasamsonia</i> as well as against <i>Lomentospora prolificans</i> , <i>Exophiala dermatitidis</i> and azole-resistant <i>Aspergillus fumigatus</i> . <i>International Journal of Antimicrobial Agents</i> , <b>2020</b> , 56, 106105 | 14.3 | 17 |
| 93 | CD4+CD25+Foxp3+ regulatory T cells are dispensable for controlling CD8+ T cell-mediated lung inflammation. <i>Journal of Immunology</i> , <b>2011</b> , 186, 6106-18  | 5.3  | 16 |
| 92 | Essential role of CCL2 in clustering of splenic ERTR-9+ macrophages during infection of BALB/c mice by <i>Listeria monocytogenes</i> . <i>Infection and Immunity</i> , <b>2007</b> , 75, 462-70   | 3.7  | 16 |
| 91 | MicroRNA-183 and microRNA-96 are associated with autoimmune responses by regulating T cell activation. <i>Journal of Autoimmunity</i> , <b>2019</b> , 96, 94-103  | 15.5 | 16 |
| 90 | IL10-Deficiency in CD4+ T Cells Exacerbates the IFN $\gamma$ and IL17 Response During Bacteria Induced Colitis. <i>Cellular Physiology and Biochemistry</i> , <b>2015</b> , 36, 1259-73   | 3.9  | 15 |
| 89 | Induction of Type I Interferons by Therapeutic Nanoparticle-Based Vaccination Is Indispensable to Reinforce Cytotoxic CD8 T Cell Responses During Chronic Retroviral Infection. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 614   | 8.4  | 15 |
| 88 | ChIP-on-chip analysis identifies IL-22 as direct target gene of ectopically expressed FOXP3 transcription factor in human T cells. <i>BMC Genomics</i> , <b>2012</b> , 13, 705  | 4.5  | 15 |
| 87 | Regulatory T cells as targets for immunotherapy of autoimmunity and inflammation. <i>Inflammation and Allergy: Drug Targets</i> , <b>2008</b> , 7, 217-23   |      | 15 |
| 86 | Chronic antigen stimulation in vivo induces a distinct population of antigen-specific Foxp3 CD25 regulatory T cells. <i>Journal of Immunology</i> , <b>2007</b> , 179, 8059-68  | 5.3  | 15 |
| 85 | Cellular retinoic acid binding protein I: expression and functional influence in renal cell carcinoma. <i>Tumor Biology</i> , <b>2005</b> , 26, 313-23  | 2.9  | 15 |
| 84 | GeneChip Expression Analysis of the Response of <i>Pseudomonas aeruginosa</i> to Paraquat-Induced Superoxide Stress. <i>Journal of Genome Science and Technology</i> , <b>2002</b> , 1, 165-174   |      | 15 |
| 83 | DNA vaccines encoding DEC205-targeted antigens: immunity or tolerance?. <i>Immunology</i> , <b>2015</b> , 145, 519-33   | 3.8  | 14 |
| 82 | Variations in the distribution of genes encoding virulence and extracellular proteins in group A streptococcus are largely restricted to 11 genomic loci. <i>Microbes and Infection</i> , <b>2007</b> , 9, 259-70   | 9.3  | 14 |
| 81 | Identification of novel regulators in T-cell differentiation of aplastic anemia patients. <i>BMC Genomics</i> , <b>2006</b> , 7, 263  | 4.5  | 14 |
| 80 | Gene expression profile at the G1/S transition of liver regeneration after partial hepatectomy in mice. <i>Cell Cycle</i> , <b>2004</b> , 3, 1405-17  | 4.7  | 14 |

|    |  |      |    |
|----|--|------|----|
| 79 | Effective Activation of Human Antigen-Presenting Cells and Cytotoxic CD8 T Cells by a Calcium Phosphate-Based Nanoparticle Vaccine Delivery System. <i>Vaccines</i> , <b>2020</b> , 8,   | 5.3  | 13 |
| 78 | Targeting Antigens to Dec-205 on Dendritic Cells Induces Immune Protection in Experimental Colitis in Mice. <i>European Journal of Microbiology and Immunology</i> , <b>2016</b> , 6, 1-8  | 4.6  | 13 |
| 77 | Performance of Vitek MS in identifying nontuberculous mycobacteria from MGIT liquid medium and Lowenstein-Jensen solid medium. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2016</b> , 84, 43-47   | 2.9  | 13 |
| 76 | Detection of <i>Aspergillus fumigatus</i> in Blood Samples from Critically Ill Patients in Intensive Care Units by Use of the SeptiFast Assay. <i>Journal of Clinical Microbiology</i> , <b>2016</b> , 54, 1918-1921   | 9.7  | 12 |
| 75 | Opioid maintenance therapy restores CD4+ T cell function by normalizing CD4+CD25(high) regulatory T cell frequencies in heroin user. <i>Brain, Behavior, and Immunity</i> , <b>2012</b> , 26, 972-8  | 16.6 | 12 |
| 74 | Generation and function of immunosuppressive human and murine CD8+ T cells by transforming growth factor- $\beta$ and retinoic acid. <i>Immunology</i> , <b>2011</b> , 134, 82-92  | 7.8  | 12 |
| 73 | Treatment targeted at vascular endothelial growth factor: a promising approach to managing metastatic kidney cancer. <i>BJU International</i> , <b>2006</b> , 97, 461-5  | 5.6  | 12 |
| 72 | Depletion of Foxp3 regulatory T cells is accompanied by an increase in the relative abundance of Firmicutes in the murine gut microbiome. <i>Immunology</i> , <b>2020</b> , 159, 344-353   | 7.8  | 12 |
| 71 | Antibiofilm activity of antifungal drugs, including the novel drug olorofim, against <i>Lomentospora prolificans</i> . <i>Journal of Antimicrobial Chemotherapy</i> , <b>2020</b> , 75, 2133-2140  | 5.1  | 11 |
| 70 | Evidence for polyadenylated mRNA in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , <b>2004</b> , 186, 7015-8   | 5.3  | 11 |
| 69 | Diagnostic performance of blood culture bottles for vitreous culture compared to conventional microbiological cultures in patients with suspected endophthalmitis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , <b>2018</b> , 37, 889-895        | 5.3  | 10 |
| 68 | Perspectives on Regulatory T Cell Therapies. <i>Transfusion Medicine and Hemotherapy</i> , <b>2009</b> , 36, 302-308   | 4.2  | 10 |
| 67 | Clinical and in vitro response to 13-cis-retinoic acid in interferon-alpha resistant renal cell carcinoma. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , <b>1997</b> , 12, 143-7   | 3.9  | 10 |
| 66 | Application of real-time reverse transcriptase-polymerase chain reaction in urological oncology. <i>Journal of Urology</i> , <b>2003</b> , 169, 1858-64  | 2.5  | 10 |
| 65 | Dynamic cumulative activity of transcription factors as a mechanism of quantitative gene regulation. <i>Genome Biology</i> , <b>2007</b> , 8, R181   | 18.3 | 9  |
| 64 | HLA phenotype and cytokine-induced tumor control in advanced renal cell cancer. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , <b>2001</b> , 16, 401-9  | 3.9  | 9  |
| 63 | A Pro-Inflammatory Gut Microbiome Characterizes SARS-CoV-2 Infected Patients and a Reduction in the Connectivity of an Anti-Inflammatory Bacterial Network Associates With Severe COVID-19. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 747816 | 5.9  | 9  |
| 62 | Inhibition of TLR4 Signaling Impedes Tumor Growth in Colitis-Associated Colon Cancer. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 669747  | 8.4  | 9  |

|    |   |      |   |
|----|---|------|---|
| 61 | Species and mediator specific TLR4 antagonism in primary human and murine immune cells by $\alpha$ -glucan based lipid A mimetics. <i>Molecular Immunology</i> , <b>2015</b> , 67, 636-41                                       | 4.3  | 8 |
| 60 | Plasmodium yoelii infection of BALB/c mice results in expansion rather than induction of CD4(+) Foxp3(+) regulatory T cells. <i>Immunology</i> , <b>2016</b> , 148, 197-205   | 7.8  | 8 |
| 59 | Intestinal Acid Sphingomyelinase Protects From Severe Pathogen-Driven Colitis. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1386  | 8.4  | 8 |
| 58 | Computed-tomography-guided biopsy in suspected spondylodiscitis: Single-center experience including 201 biopsy procedures. <i>Orthopedic Reviews</i> , <b>2019</b> , 11, 7793   | 1.2  | 8 |
| 57 | Comparison and evaluation of a novel bioassay and high-performance liquid chromatography for the clinical measurement of serum voriconazole concentrations. <i>Mycoses</i> , <b>2011</b> , 54, e421-8                           | 5.2  | 8 |
| 56 | Expression and functional influence of cellular retinoic acid-binding protein II in renal cell carcinoma. <i>Urologia Internationalis</i> , <b>2005</b> , 75, 269-76  | 1.9  | 8 |
| 55 | Sphingosine is able to prevent and eliminate Staphylococcus epidermidis biofilm formation on different orthopedic implant materials in vitro. <i>Journal of Molecular Medicine</i> , <b>2020</b> , 98, 209-219                  | 5.5  | 8 |
| 54 | Pilot study on the influence of cold atmospheric plasma on bacterial contamination and healing tendency of chronic wounds. <i>JDDG - Journal of the German Society of Dermatology</i> , <b>2020</b> , 18, 1094-1101             | 1.2  | 8 |
| 53 | Boosting nanotoxicity to combat multidrug-resistant bacteria in pathophysiological environments. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 5428-5440   | 5.1  | 7 |
| 52 | Classical Hodgkin lymphoma: molecular evidence for specific alterations in circulating T lymphocytes. <i>Tumor Biology</i> , <b>2006</b> , 27, 329-33   | 2.9  | 7 |
| 51 | Interleukin-33 signaling exacerbates experimental infectious colitis by enhancing gut permeability and inhibiting protective Th17 immunity. <i>Mucosal Immunology</i> , <b>2021</b> , 14, 923-936                               | 9.2  | 7 |
| 50 | Verantwortlicher Umgang mit Antibiotika: Notwendigkeit der Antibiotikareduktion in der Aknetherapie. <i>JDDG - Journal of the German Society of Dermatology</i> , <b>2016</b> , 14, 1319-1327                                   | 1.2  | 7 |
| 49 | REMOVED: Breaking resistance to nanoantibiotics by overriding corona-dependent inhibition using a pH-switch. <i>Materials Today</i> , <b>2019</b> , 26, 19-29   | 21.8 | 7 |
| 48 | T Cell-Specific Overexpression of Acid Sphingomyelinase Results in Elevated T Cell Activation and Reduced Parasitemia During Infection. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1225                                 | 8.4  | 6 |
| 47 | Chemical Validation of DegS As a Target for the Development of Antibiotics with a Novel Mode of Action. <i>ChemMedChem</i> , <b>2019</b> , 14, 1074-1078  | 3.7  | 6 |
| 46 | Oral Neutrophils: Underestimated Players in Oral Cancer. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 565683  | 8.4  | 6 |
| 45 | Endogenous CD83 Expression in CD4 Conventional T Cells Controls Inflammatory Immune Responses. <i>Journal of Immunology</i> , <b>2020</b> , 204, 3217-3226  | 5.3  | 6 |
| 44 | Exophiala dermatitidis isolates from various sources: using alternative invertebrate host organisms (Caenorhabditis elegans and Galleria mellonella) to determine virulence. <i>Scientific Reports</i> , <b>2018</b> , 8, 12747 | 4.9  | 6 |

|    |  |      |   |
|----|--|------|---|
| 43 | Bacteraemia and fungaemia in cystic fibrosis patients with febrile pulmonary exacerbation: a prospective observational study. <i>BMC Pulmonary Medicine</i> , <b>2017</b> , 17, 96   | 3.5  | 6 |
| 42 | Application of retinoids in the treatment of renal cell carcinoma--a futile effort?. <i>Anti-Cancer Drugs</i> , <b>2004</b> , 15, 819-24   | 2.4  | 6 |
| 41 | In vivo time and dose dependency of interleukin-6 secretion in response to low-dose subcutaneous recombinant interleukin-2. <i>Cancer Biotherapy</i> , <b>1994</b> , 9, 307-16   |      | 6 |
| 40 | Bioactive Glass Granules Inhibit Mature Bacterial Biofilms on the Surfaces of Cochlear Implants. <i>Otology and Neurotology</i> , <b>2018</b> , 39, e985-e991  | 2.6  | 6 |
| 39 | CEACAM1 regulates CD8 T cell immunity and protects from severe pathology during induced colitis. <i>Gut Microbes</i> , <b>2020</b> , 11, 1790-1805   | 8.8  | 5 |
| 38 | Imaging studies of bacterial biofilms on cochlear implants-Bioactive glass (BAG) inhibits mature biofilm. <i>PLoS ONE</i> , <b>2020</b> , 15, e0229198   | 3.7  | 5 |
| 37 | Delineation of <i>Stenotrophomonas maltophilia</i> isolates from cystic fibrosis patients by fatty acid methyl ester profiles and matrix-assisted laser desorption/ionization time-of-flight mass spectra using hierarchical cluster analysis and principal component analysis. <i>Journal of Medical Microbiology</i> , <b>2014</b> , 63, 1615-1620 | 3.2  | 5 |
| 36 | <i>Staphylococcus aureus</i> isolates from blood and anterior nares induce similar innate immune responses in endothelial cells. <i>Apmis</i> , <b>2009</b> , 117, 814-24  | 3.4  | 5 |
| 35 | Syphilis-specific immunoglobulin G seroconversion after double-lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2009</b> , 28, 857-9  | 5.8  | 5 |
| 34 | Mechanisms of Central and Peripheral T-Cell Tolerance: An Update. <i>Transfusion Medicine and Hemotherapy</i> , <b>2005</b> , 32, 384-399  | 4.2  | 5 |
| 33 | Phenotypical Characteristics of the Black Yeast Are Affected by in an Artificial Sputum Medium Mimicking Cystic Fibrosis-Like Conditions. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 471   | 5.7  | 5 |
| 32 | Comparative evaluation of a new commercial colorimetric microdilution assay (SensiQuattro Candida EU) with MIC test strip and EUCAST broth microdilution methods for susceptibility testing of invasive <i>Candida</i> isolates. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 255-61  | 9.7  | 4 |
| 31 | Conventional CD11c Dendritic Cells Are Important for T Cell Priming during the Initial Phase of Infection, but Are Dispensable at Later Time Points. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1333  | 8.4  | 4 |
| 30 | FOXP3 Expression in GARP-Transduced Helper T Cells Is Not Associated with FOXP3 TSDR Demethylation. <i>Transfusion Medicine and Hemotherapy</i> , <b>2011</b> , 38, 287-291  | 4.2  | 4 |
| 29 | Distinct kinetics in the frequency of peripheral CD4+ T cells in patients with ulcerative colitis experiencing a flare during treatment with mesalazine or with a herbal preparation of myrrh, chamomile, and coffee charcoal. <i>PLoS ONE</i> , <b>2014</b> , 9, e104257  | 3.7  | 4 |
| 28 | Two fatal cases of plague after consumption of raw marmot organs. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 1878-1880   | 18.9 | 4 |
| 27 | Evaluation of two lateral flow assays in BAL fluids for the detection of invasive pulmonary aspergillosis: A retrospective two-centre study. <i>Mycoses</i> , <b>2020</b> , 63, 1362-1367  | 5.2  | 4 |
| 26 | Acid Ceramidase Rescues Cystic Fibrosis Mice from Pulmonary Infections. <i>Infection and Immunity</i> , <b>2021</b> , 89,  | 3.7  | 4 |

|    |   |      |   |
|----|---|------|---|
| 25 | Evaluation of Three Commercial PCR Assays for the Detection of Azole-Resistant from Respiratory Samples of Immunocompromised Patients. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,  | 5.6  | 4 |
| 24 | The Fungal Gut Microbiome Exhibits Reduced Diversity and Increased Relative Abundance of Ascomycota in Severe COVID-19 Illness and Distinct Interconnected Communities in SARS-CoV-2 Positive Patients.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2022</b> , 12, 848650 | 5.9  | 4 |
| 23 | DJ-1 depletion prevents immunoaging in T-cell compartments.. <i>EMBO Reports</i> , <b>2022</b> , e53302   | 6.5  | 3 |
| 22 | Dialysis drains as a possible source for carbapenem-resistant pathogens causing an ICU outbreak. <i>Infection</i> , <b>2019</b> , 47, 233-238   | 5.8  | 3 |
| 21 | T helper type 2 differentiation is associated with induction of antibacterial defense mechanisms in blood lymphocytes of patients with sarcoidosis. <i>Immunological Investigations</i> , <b>2009</b> , 38, 49-66   | 2.9  | 2 |
| 20 | CD8(+) T cells responding to alveolar self-antigen lack CD25 expression and fail to precipitate autoimmunity. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2012</b> , 47, 869-78  | 5.7  | 2 |
| 19 | T-cell development in the absence of the pre-T-cell receptor. <i>Immunology Letters</i> , <b>1997</b> , 57, 5-8   | 4.1  | 2 |
| 18 | Cytogenetic studies in renal cell carcinoma patients receiving low-dose recombinant interleukin-2-based immunotherapy. <i>Tumor Biology</i> , <b>1996</b> , 17, 27-33   | 2.9  | 2 |
| 17 | Interleukin-2 in cancer therapy: recent advances. <i>Expert Opinion on Investigational Drugs</i> , <b>1994</b> , 3, 597-619   | 9.9  | 2 |
| 16 | GPR15 Facilitates Recruitment of Regulatory T Cells to Promote Colorectal Cancer. <i>Cancer Research</i> , <b>2021</b> , 81, 2970-2982  | 10.1 | 2 |
| 15 | A Combination of Anti-PD-L1 Treatment and Therapeutic Vaccination Facilitates Improved Retroviral Clearance via Reactivation of Highly Exhausted T Cells. <i>MBio</i> , <b>2021</b> , 12,   | 7.8  | 2 |
| 14 | Comparison of genotyping methods for <i>Cunninghamella bertholletiae</i> . <i>Mycoses</i> , <b>2019</b> , 62, 519-525   | 5.2  | 1 |
| 13 | Heroin-assisted treatment of heroin-addicted patients normalizes regulatory T cells but does not restore CD4 T cell proliferation. <i>Addiction Biology</i> , <b>2021</b> , 26, e12998  | 4.6  | 1 |
| 12 | CRISPR/Cas9-mediated demethylation of FOXP3-TSDR toward Treg-characteristic programming of Jurkat T cells.. <i>Cellular Immunology</i> , <b>2021</b> , 371, 104471  | 4.4  | 1 |
| 11 | How Essential is the Pre-T-Cell Receptor? <b>1998</b> , 449-463   |      | 1 |
| 10 | Evaluation of a commercial Loop-mediated Isothermal Amplification (LAMP) assay for rapid detection of <i>Pneumocystis jirovecii</i> . <i>Mycoses</i> , <b>2020</b> , 63, 1107-1114  | 5.2  | 1 |
| 9  | Diagnostic value of the modified Duke criteria in suspected infective endocarditis -The PRO-ENDOCARDITIS study. <i>International Journal of Infectious Diseases</i> , <b>2021</b> , 104, 556-561  | 10.5 | 1 |
| 8  | Gut bacterial microbiota in patients with myasthenia gravis: results from the MYBIOM study. <i>Therapeutic Advances in Neurological Disorders</i> , <b>2021</b> , 14, 17562864211035657   | 6.6  | 1 |



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|---|---|-----|---|
| 7 | The pathological oral cavity as a preventable source of postoperative pneumonia in thoracic surgery: a prospective observational study.. <i>Journal of Thoracic Disease</i> , <b>2022</b> , 14, 822-831                           | 2.6 | o |
| 6 | Bakterielles Spektrum der Kolonisation des chronischen Ulcus cruris: 10-Jahres-Vergleichsstudie Eines Deutschen Wundbehandlungszentrums. <i>JDDG - Journal of the German Society of Dermatology</i> , <b>2014</b> , 12, 1121-1128 | 1.2 |   |
| 5 | Reply: PCR assay for pathogen detection in ventriculostomy-related meningitis in neurosurgery patients: unanswered questions?. <i>Infection</i> , <b>2015</b> , 43, 251-2   | 5.8 |   |
| 4 | Single Cell Immunology173-195   |     |   |
| 3 | MRSA -aktuelle Entwicklungen, dringende Probleme: (Basierend auf einem Vortrag während der VUD-Tagung in Essen am 18. Juni 2010). <i>Krankenhaushygiene Und Infektionsverhütung</i> , <b>2010</b> , 32, 144-150 <sup>o</sup>      |     |   |
| 2 | Measuring immune responses in vivo. <i>Methods in Microbiology</i> , <b>2002</b> , 32, 403-431  | 2.8 |   |
| 1 | Neuropilin-1 Is Expressed on Highly Activated CD4 Effector T Cells and Dysfunctional CD4 Conventional T Cells from Naive Mice. <i>Journal of Immunology</i> , <b>2021</b> , 207, 1288-1297  | 5.3 |   |