

Jan A Verschoor

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,213
citations

471061

17
h-index

377514

34
g-index

44
all docs

44
docs citations

44
times ranked

1869
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | In vivo evaluation of the biodistribution and safety of PLGA nanoparticles as drug delivery systems. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010, 6, 662-671. | 1.7 | 352 |
| 2 | The <i>Mycobacterium tuberculosis</i> cell wall component mycolic acid elicits pathogen-associated host innate immune responses. <i>European Journal of Immunology</i> , 2005, 35, 890-900. | 1.6 | 113 |
| 3 | Towards understanding the functional diversity of cell wall mycolic acids of <i>Mycobacterium tuberculosis</i> . <i>Progress in Lipid Research</i> , 2012, 51, 325-339. | 5.3 | 81 |
| 4 | Macrophage Reprogramming by Mycolic Acid Promotes a Tolerogenic Response in Experimental Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 174, 152-160. | 2.5 | 53 |
| 5 | The protective efficacy of a recombinant VP2-based African horsesickness subunit vaccine candidate is determined by adjuvant. <i>Vaccine</i> , 2002, 20, 1079-1088. | 1.7 | 51 |
| 6 | Mycolic acids, a promising mycobacterial ligand for targeting of nanoencapsulated drugs in tuberculosis. <i>Journal of Controlled Release</i> , 2015, 211, 94-104. | 4.8 | 50 |
| 7 | The first syntheses of single enantiomers of the major methoxymycolic acid of <i>Mycobacterium tuberculosis</i> . <i>Tetrahedron</i> , 2007, 63, 2571-2592. | 1.0 | 48 |
| 8 | A novel application of affinity biosensor technology to detect antibodies to mycolic acid in tuberculosis patients. <i>Journal of Immunological Methods</i> , 2008, 332, 61-72. | 0.6 | 45 |
| 9 | Electron transfer dynamics across self-assembled N-(2-mercaptoethyl) octadecanamide/mycolic acid layers: impedimetric insights into the structural integrity and interaction with anti-mycolic acid antibodies. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 345-357. | 1.3 | 39 |
| 10 | Recognition of anti-mycolic acid antibody at self-assembled mycolic acid antigens on a gold electrode: a potential impedimetric immunosensing platform for active tuberculosis. <i>Chemical Communications</i> , 2009, , 3345. | 2.2 | 38 |
| 11 | Cholesteroid nature of free mycolic acids from <i>M. tuberculosis</i> . <i>Chemistry and Physics of Lipids</i> , 2008, 152, 95-103. | 1.5 | 30 |
| 12 | Isolation and identification of NAD ⁺ -independent bacteria from chickens with symptoms of infectious coryza. <i>Avian Pathology</i> , 1997, 26, 595-606. | 0.8 | 28 |
| 13 | Prevalence of Anti-mycolic Acid Antibodies in Patients with Pulmonary Tuberculosis Co-infected with HIV. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002, 40, 882-7. | 1.4 | 27 |
| 14 | Structure–function relationships of the antigenicity of mycolic acids in tuberculosis patients. <i>Chemistry and Physics of Lipids</i> , 2010, 163, 800-808. | 1.5 | 27 |
| 15 | Spray-Dried, Nanoencapsulated, Multi-Drug Anti-Tuberculosis Therapy Aimed at Once Weekly Administration for the Duration of Treatment. <i>Nanomaterials</i> , 2019, 9, 1167. | 1.9 | 22 |
| 16 | Differential spontaneous folding of mycolic acids from <i>Mycobacterium tuberculosis</i> . <i>Chemistry and Physics of Lipids</i> , 2014, 180, 15-22. | 1.5 | 19 |
| 17 | Detection of Zooplankton Prey in Squid Paralarvae with Immunoassay. <i>Journal of Immunoassay</i> , 1999, 20, 127-149. | 0.3 | 18 |
| 18 | Detection of Antimycolic Acid Antibodies by Liposomal Biosensors. <i>Methods in Enzymology</i> , 2009, 464, 79-104. | 0.4 | 17 |

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|----|---|-----|-----------|
| 19 | Mycolates of <i>Mycobacterium tuberculosis</i> modulate the flow of cholesterol for bacillary proliferation in murine macrophages. <i>Journal of Lipid Research</i> , 2017, 58, 709-718. | 2.0 | 17 |
| 20 | <i>Plasmodium falciparum</i> : A comparison of synchronisation methods for in vitro cultures. <i>Experimental Parasitology</i> , 1991, 72, 464-467. | 0.5 | 15 |
| 21 | The localization of a paralysis toxin in granules and nuclei of prefed female <i>Rhipicephalus evertsi evertsi</i> tick salivary gland cells. <i>Experimental and Applied Acarology</i> , 1993, 17, 357-363. | 0.7 | 15 |
| 22 | Monoclonal Antibody Characterization of Two Field Strains of <i>Haemophilus paragallinarum</i> Isolated from Vaccinated Layer Hens. <i>Avian Diseases</i> , 1989, 33, 219. | 0.4 | 13 |
| 23 | The co-immobilization of P450-type nitric oxide reductase and glucose dehydrogenase for the continuous reduction of nitric oxide via cofactor recycling. <i>Enzyme and Microbial Technology</i> , 2016, 85, 71-81. | 1.6 | 12 |
| 24 | <i>Mycobacterium tuberculosis</i> associated synthetic mycolates differentially exert immune stimulatory adjuvant activity. <i>European Journal of Immunology</i> , 2016, 46, 2149-2154. | 1.6 | 11 |
| 25 | Polystyrene, Poly-L-Lysine and Nylon as Adsorptive Surfaces for the Binding of Whole Cells of <i>Mycobacterium Tuberculosis</i> H37 RV to Elisa Plates. <i>Journal of Immunoassay</i> , 1990, 11, 413-428. | 0.3 | 10 |
| 26 | The influence of the sesquiterpene lactones from <i>Geigeria</i> on mast cell degranulation. <i>Biochemical Pharmacology</i> , 1987, 36, 2461-2465. | 2.0 | 8 |
| 27 | Production of monoclonal antibodies against <i>Xanthomonas campestris</i> pv. <i>mangiferaeindicae</i> and their use to investigate differences in virulence. <i>Journal of Applied Bacteriology</i> , 1994, 77, 509-518. | 1.1 | 7 |
| 28 | A biomimetic approach to the synthesis of a mycolic acid motif. <i>Tetrahedron Letters</i> , 2010, 51, 1185-1186. | 0.7 | 7 |
| 29 | Spontaneous Fusion Between Splenocytes and Myeloma Cells Induced by Bacterial Immunization. <i>Hybridoma</i> , 1990, 9, 511-518. | 0.9 | 4 |
| 30 | Haptenated nylon-coated polystyrene plates as a solid phase for ELISA. <i>Journal of Immunological Methods</i> , 1990, 127, 43-49. | 0.6 | 4 |
| 31 | The identification of a shared immunogen present in the salivary glands and gut of ixodid and argasid ticks. <i>Experimental and Applied Acarology</i> , 1992, 15, 205-210. | 0.7 | 4 |
| 32 | Antibody recognition of an 18 kDa protein possibly involved in phosphate removal by activated sludge. <i>Water Research</i> , 2000, 34, 1372-1378. | 5.3 | 4 |
| 33 | Monoclonal antibody characterization of reference isolates of different serogroups of <i>Haemophilus paragallinarum</i> . <i>Avian Pathology</i> , 1997, 26, 749-764. | 0.8 | 3 |
| 34 | The menace of the AIDS-tuberculosis combo: any solutions?. <i>BioEssays</i> , 1999, 21, 365-366. | 1.2 | 3 |
| 35 | Thiol modified mycolic acids. <i>Chemistry and Physics of Lipids</i> , 2013, 172-173, 40-57. | 1.5 | 3 |
| 36 | Spectrophotometric activity microassay for pure and recombinant cytochrome P450-type nitric oxide reductase. <i>Analytical Biochemistry</i> , 2014, 447, 23-29. | 1.1 | 3 |

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|----|--|-----|-----------|
| 37 | The antigenicity and cholesteroid nature of mycolic acids determined by recombinant chicken antibodies. PLoS ONE, 2018, 13, e0200298. | 1.1 | 3 |
| 38 | Preparation of monoclonal antibodies against salivary gland immunogens of female <i>Rhipicephalus evertsi evertsi</i> . Experimental and Applied Acarology, 1991, 13, 75-80. | 0.7 | 2 |
| 39 | Isotype restriction of murine antibodies towards the loop region of hen's egg white lysozyme. Immunology Letters, 1988, 17, 21-28. | 1.1 | 1 |
| 40 | Spontaneous Hybridoma Formation Induced by Immunization with <i>Haemophilus paragallinarum</i> : Evidence for a Lipopolysaccharide Fusion Inducer. Hybridoma, 1992, 11, 257-266. | 0.9 | 1 |
| 41 | The effect of chemically synthetic mycobacterial mycolates on phospholipidome immunomodulation of murine macrophages. , 2022, , 185-205. | | 0 |