

Boris Tefsen

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,874
citations

361413

20
h-index

265206

42
g-index

48
all docs

48
docs citations

48
times ranked

3330
citing authors

#	ARTICLE	IF	CITATIONS
1	Corticosteroid treatment of patients with coronavirus disease 2019 (<scp>COVID</scp> â€19). Medical Journal of Australia, 2020, 212, 416-420.	1.7	283
2	Bat-derived influenza-like viruses H17N10 and H18N11. Trends in Microbiology, 2014, 22, 183-191.	7.7	270
3	Identification of an outer membrane protein required for the transport of lipopolysaccharide to the bacterial cell surface. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9417-9422.	7.1	229
4	Galactofuranose in eukaryotes: aspects of biosynthesis and functional impact. Glycobiology, 2012, 22, 456-469.	2.5	126
5	Lipopolysaccharide Transport to the Bacterial Outer Membrane in Spheroplasts. Journal of Biological Chemistry, 2005, 280, 4504-4509.	3.4	78
6	Galactofuranose-Coated Gold Nanoparticles Elicit a Pro-inflammatory Response in Human Monocyte-Derived Dendritic Cells and Are Recognized by DC-SIGN. ACS Chemical Biology, 2014, 9, 383-389.	3.4	56
7	Effectiveness and Safety of High Dose Tigecycline for the Treatment of Severe Infections: A Systematic Review and Meta-Analysis. Advances in Therapy, 2020, 37, 1049-1064.	2.9	56
8	Galectin-4 Reduces Migration and Metastasis Formation of Pancreatic Cancer Cells. PLoS ONE, 2013, 8, e65957.	2.5	52
9	Function of Neisserial Outer Membrane Phospholipase A in Autolysis and Assessment of Its Vaccine Potential. Infection and Immunity, 2005, 73, 2222-2231.	2.2	49
10	MsbA Is Not Required for Phospholipid Transport in Neisseria meningitidis. Journal of Biological Chemistry, 2005, 280, 35961-35966.	3.4	46
11	Effect of micronutrients on algae in different regions of Taihu, a large, spatially diverse, hypereutrophic lake. Water Research, 2019, 151, 500-514.	11.3	39
12	Glycan microarray profiling of parasite infection sera identifies the LDNF glycan as a potential antigen for serodiagnosis of trichinellosis. Experimental Parasitology, 2011, 129, 221-226.	1.2	37
13	Vaccination-induced IgG response to GalÎ±1â€3GalNAc glycan epitopes in lambs protected against Haemonchus contortus challenge infection. International Journal for Parasitology, 2010, 40, 215-222.	3.1	36
14	Prevalence and factors associated with post-traumatic stress disorder in healthcare workers exposed to COVID-19 in Wuhan, China: a cross-sectional survey. BMC Psychiatry, 2021, 21, 572.	2.6	31
15	The N-Terminal Domain of PA from Bat-Derived Influenza-Like Virus H17N10 Has Endonuclease Activity. Journal of Virology, 2014, 88, 1935-1941.	3.4	30
16	Regional-scale investigation of dissolved organic matter and lead binding in a large impacted lake with a focus on environmental risk assessment. Water Research, 2020, 172, 115478.	11.3	29
17	Chicken lung lectin is a functional C-type lectin and inhibits haemagglutination by influenza A virus. Veterinary Microbiology, 2008, 130, 37-46.	1.9	28
18	Human T Cell Activation Results in Extracellular Signal-regulated Kinase (ERK)-Calcineurin-dependent Exposure of Tn Antigen on the Cell Surface and Binding of the Macrophage Galactose-type Lectin (MGL)*. Journal of Biological Chemistry, 2013, 288, 27519-27532.	3.4	27

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19	Regulation of expression and secretion of galectin-3 in human monocyte-derived dendritic cells. <i>Molecular Immunology</i> , 2009, 46, 3292-3299.	2.2	26
20	High Sensitive Detection of Carbohydrate Binding Proteins in an ELISA-Solid Phase Assay Based on Multivalent Glyconanoparticles. <i>PLoS ONE</i> , 2013, 8, e73027.	2.5	26
21	The C-type lectin L-SIGN differentially recognizes glycan antigens on egg glycosphingolipids and soluble egg glycoproteins from <i>Schistosoma mansoni</i> . <i>Glycobiology</i> , 2007, 17, 1104-1119.	2.5	24
22	The <i>Cryptococcus neoformans</i> cap10 and cap59 mutant strains, affected in glucuronoxylomannan synthesis, differentially activate human dendritic cells. <i>FEMS Immunology and Medical Microbiology</i> , 2009, 57, 142-150.	2.7	23
23	Deletion of the CAP10 gene of <i>Cryptococcus neoformans</i> results in a pleiotropic phenotype with changes in expression of virulence factors. <i>Research in Microbiology</i> , 2014, 165, 399-410.	2.1	21
24	Hypoxia inducible factor 1 β down regulates cell surface expression of α 1,2-fucosylated glycans in human pancreatic adenocarcinoma cells. <i>FEBS Letters</i> , 2015, 589, 2359-2366.	2.8	20
25	Identification of the UDP-glucose-4-epimerase required for galactofuranose biosynthesis and galactose metabolism in <i>A. niger</i> . <i>Fungal Biology and Biotechnology</i> , 2014, 1, 6.	5.1	19
26	Follow-up study on pulmonary function and radiological changes in critically ill patients with COVID-19. <i>Journal of Infection</i> , 2021, 82, 159-198.	3.3	18
27	Differential O- and Glycosphingolipid Glycosylation in Human Pancreatic Adenocarcinoma Cells With Opposite Morphology and Metastatic Behavior. <i>Frontiers in Oncology</i> , 2020, 10, 732.	2.8	16
28	Glycans from avian influenza virus are recognized by chicken dendritic cells and are targets for the humoral immune response in chicken. <i>Molecular Immunology</i> , 2013, 56, 452-462.	2.2	15
29	Identification and functional analysis of two Golgi-localized UDP-galactofuranose transporters with overlapping functions in <i>Aspergillus niger</i> . <i>BMC Microbiology</i> , 2015, 15, 253.	3.3	15
30	Clinical features and outcomes of adult COVID-19 patients co-infected with <i>Mycoplasma pneumoniae</i> . <i>Journal of Infection</i> , 2020, 81, e12-e15.	3.3	15
31	Fungal α -arabinofuranosidases of glycosyl hydrolase families 51 and 54 show a dual arabinofuranosyl- and galactofuranosyl-hydrolyzing activity. <i>Biological Chemistry</i> , 2012, 393, 767-775.	2.5	14
32	α -Terminal Acetylation for T Cell Recognition: Molecular Basis of MHC Class II-Restricted α -Acetylpeptide Presentation. <i>Journal of Immunology</i> , 2014, 192, 5509-5519.	0.8	14
33	Whole-cell biosensors for determination of bioavailable pollutants in soils and sediments: Theory and practice. <i>Science of the Total Environment</i> , 2022, 811, 152178.	8.0	14
34	The NS1 gene from bat-derived influenza-like virus H17N10 can be rescued in influenza A PR8 backbone. <i>Journal of General Virology</i> , 2016, 97, 1797-1806.	2.9	12
35	From speciation to toxicity: Using a "Two-in-One" whole-cell bioreporter approach to assess harmful effects of Cd and Pb. <i>Water Research</i> , 2022, 217, 118384.	11.3	12
36	Tigecycline in the Treatment of Ventilator-Associated Pneumonia Due to <i>Stenotrophomonas maltophilia</i> : A Multicenter Retrospective Cohort Study. <i>Infectious Diseases and Therapy</i> , 2021, 10, 2415-2429.	4.0	11

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37	Chemoenzymatic synthesis of multivalent neoglycoconjugates carrying the helminth glycan antigen LDNF. Carbohydrate Research, 2009, 344, 1501-1507.	2.3	10
38	Advances in freshwater risk assessment: improved accuracy of dissolved organic matter-metal speciation prediction and rapid biological validation. Ecotoxicology and Environmental Safety, 2020, 202, 110848.	6.0	10
39	ZIKV viral proteins and their roles in virus-host interactions. Science China Life Sciences, 2021, 64, 709-719.	4.9	10
40	A new perspective of copper-iron effects on bloom-forming algae in a highly impacted environment. Water Research, 2021, 195, 116889.	11.3	10
41	Glycosyltransferases in Chemo-enzymatic Synthesis of Oligosaccharides. Methods in Molecular Biology, 2013, 1022, 357-367.	0.9	6
42	Quantitative high-throughput approach to chalkophore screening in freshwaters. Science of the Total Environment, 2020, 735, 139476.	8.0	5
43	Clinical management of infections caused by carbapenem-resistant Klebsiella pneumoniae in critically ill patients: A nationwide survey of tertiary hospitals in mainland China. Journal of Infection, 2022, 84, e108-e110.	3.3	4
44	Chances and challenges in China. Protein and Cell, 2016, 7, 233-235.	11.0	0
45	Data on response of in situ algal phytoplankton assemblages to micronutrient treatment in small-scale mesocosms for a large hypereutrophic lake. Data in Brief, 2019, 24, 103778.	1.0	0