

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	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
2	Clinical management of infections caused by carbapenem-resistant <i>Klebsiella pneumoniae</i> in critically ill patients: A nationwide survey of tertiary hospitals in mainland China. <i>Journal of Infection</i> , 2022, 84, e108-e110.	3.3	4
3	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
4	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
5	ZIKV viral proteins and their roles in virus-host interactions. <i>Science China Life Sciences</i> , 2021, 64, 709-719.	4.9	10
6	A new perspective of copper-iron effects on bloom-forming algae in a highly impacted environment. <i>Water Research</i> , 2021, 195, 116889.	11.3	10
7	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
8	Prevalence and factors associated with post-traumatic stress disorder in healthcare workers exposed to COVID-19 in Wuhan, China: a cross-sectional survey. <i>BMC Psychiatry</i> , 2021, 21, 572.	2.6	31
9	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
10	Quantitative high-throughput approach to chalkophore screening in freshwaters. <i>Science of the Total Environment</i> , 2020, 735, 139476.	8.0	5
11	Advances in freshwater risk assessment: improved accuracy of dissolved organic matter-metal speciation prediction and rapid biological validation. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110848.	6.0	10
12	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
13	Effectiveness and Safety of High Dose Tigecycline for the Treatment of Severe Infections: A Systematic Review and Meta-Analysis. <i>Advances in Therapy</i> , 2020, 37, 1049-1064.	2.9	56
14	Regional-scale investigation of dissolved organic matter and lead binding in a large impacted lake with a focus on environmental risk assessment. <i>Water Research</i> , 2020, 172, 115478.	11.3	29
15	Corticosteroid treatment of patients with coronavirus disease 2019 (COVID-19). <i>Medical Journal of Australia</i> , 2020, 212, 416-420.	1.7	283
16	Data on response of in situ algal phytoplankton assemblages to micronutrient treatment in small-scale mesocosms for a large hypereutrophic lake. <i>Data in Brief</i> , 2019, 24, 103778.	1.0	0
17	Effect of micronutrients on algae in different regions of Taihu, a large, spatially diverse, hypereutrophic lake. <i>Water Research</i> , 2019, 151, 500-514.	11.3	39
18	Chances and challenges in China. <i>Protein and Cell</i> , 2016, 7, 233-235.	11.0	0

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19	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
20	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
21	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
22	N-Terminal Acetylation for T Cell Recognition: Molecular Basis of MHC Class II-Restricted N-Acetylpeptide Presentation. <i>Journal of Immunology</i> , 2014, 192, 5509-5519.	0.8	14
23	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
24	Bat-derived influenza-like viruses H17N10 and H18N11. <i>Trends in Microbiology</i> , 2014, 22, 183-191.	7.7	270
25	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
26	The N-Terminal Domain of PA from Bat-Derived Influenza-Like Virus H17N10 Has Endonuclease Activity. <i>Journal of Virology</i> , 2014, 88, 1935-1941.	3.4	30
27	Galactofuranose-Coated Gold Nanoparticles Elicit a Pro-inflammatory Response in Human Monocyte-Derived Dendritic Cells and Are Recognized by DC-SIGN. <i>ACS Chemical Biology</i> , 2014, 9, 383-389.	3.4	56
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	Glycosyltransferases in Chemo-enzymatic Synthesis of Oligosaccharides. <i>Methods in Molecular Biology</i> , 2013, 1022, 357-367.	0.9	6
30	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)*. <i>Journal of Biological Chemistry</i> , 2013, 288, 27519-27532.	3.4	27
31	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
32	Galectin-4 Reduces Migration and Metastasis Formation of Pancreatic Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e65957.	2.5	52
33	Galactofuranose in eukaryotes: aspects of biosynthesis and functional impact. <i>Glycobiology</i> , 2012, 22, 456-469.	2.5	126
34	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
35	Glycan microarray profiling of parasite infection sera identifies the LDNF glycan as a potential antigen for serodiagnosis of trichinellosis. <i>Experimental Parasitology</i> , 2011, 129, 221-226.	1.2	37
36	Vaccination-induced IgG response to Gal α 1-3GalNAc glycan epitopes in lambs protected against <i>Haemonchus contortus</i> challenge infection. <i>International Journal for Parasitology</i> , 2010, 40, 215-222.	3.1	36

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37	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
38	Chemoenzymatic synthesis of multivalent neoglycoconjugates carrying the helminth glycan antigen LDNF. <i>Carbohydrate Research</i> , 2009, 344, 1501-1507.	2.3	10
39	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
40	Chicken lung lectin is a functional C-type lectin and inhibits haemagglutination by influenza A virus. <i>Veterinary Microbiology</i> , 2008, 130, 37-46.	1.9	28
41	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
42	Function of Neisserial Outer Membrane Phospholipase A in Autolysis and Assessment of Its Vaccine Potential. <i>Infection and Immunity</i> , 2005, 73, 2222-2231.	2.2	49
43	MsbA Is Not Required for Phospholipid Transport in <i>Neisseria meningitidis</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 35961-35966.	3.4	46
44	Lipopolysaccharide Transport to the Bacterial Outer Membrane in Spheroplasts. <i>Journal of Biological Chemistry</i> , 2005, 280, 4504-4509.	3.4	78
45	Identification of an outer membrane protein required for the transport of lipopolysaccharide to the bacterial cell surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 9417-9422.	7.1	229