

Nicolas Bruffaerts

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

739
citations

623734

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all docs

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docs citations

36
times ranked

1021
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-related changes in airborne allergenic pollen abundance and seasonality across the northern hemisphere: a retrospective data analysis. <i>Lancet Planetary Health</i> , The, 2019, 3, e124-e131.	11.4	204
2	Higher airborne pollen concentrations correlated with increased SARS-CoV-2 infection rates, as evidenced from 31 countries across the globe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	92
3	Potential of Mycobacterium tuberculosis resuscitation-promoting factors as antigens in novel tuberculosis sub-unit vaccines. <i>Microbes and Infection</i> , 2012, 14, 86-95.	1.9	52
4	Comparative long-term trend analysis of daily weather conditions with daily pollen concentrations in Brussels, Belgium. <i>International Journal of Biometeorology</i> , 2018, 62, 483-491.	3.0	51
5	Relationships between aeroallergen levels and hospital admissions for asthma in the Brussels-Capital Region: a daily time series analysis. <i>Environmental Health</i> , 2018, 17, 35.	4.0	46
6	DNA vaccines against tuberculosis. <i>Expert Opinion on Biological Therapy</i> , 2014, 14, 1801-1813.	3.1	30
7	Tree pollen allergy risks and changes across scenarios in urban green spaces in Brussels, Belgium. <i>Landscape and Urban Planning</i> , 2021, 207, 104001.	7.5	30
8	Predicting the severity of the grass pollen season and the effect of climate change in Northwest Europe. <i>Science Advances</i> , 2021, 7, .	10.3	28
9	Thirty-four years of pollen monitoring: an evaluation of the temporal variation of pollen seasons in Belgium. <i>Aerobiologia</i> , 2018, 34, 139-155.	1.7	27
10	Residential green space and medication sales for childhood asthma: A longitudinal ecological study in Belgium. <i>Environmental Research</i> , 2020, 189, 109914.	7.5	27
11	Lymph node targeting of BCG vaccines amplifies CD4 and CD8 T-cell responses and protection against Mycobacterium tuberculosis. <i>Vaccine</i> , 2013, 31, 1057-1064.	3.8	19
12	Spatio-temporal monitoring and modelling of birch pollen levels in Belgium. <i>Aerobiologia</i> , 2019, 35, 703-717.	1.7	18
13	Residential green space and seasonal distress in a cohort of tree pollen allergy patients. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 223, 71-79.	4.3	18
14	Increasing the Vaccine Potential of Live M. bovis BCG by Coadministration with Plasmid DNA Encoding a Tuberculosis Prototype Antigen. <i>Vaccines</i> , 2014, 2, 181-195.	4.4	15
15	Virulence and immunogenicity of genetically defined human and porcine isolates of M. avium subsp. hominissuis in an experimental mouse infection. <i>PLoS ONE</i> , 2017, 12, e0171895.	2.5	15
16	Genotyping and strain distribution of Mycobacterium avium subspecies hominissuis isolated from humans and pigs in Belgium, 2011â€“2013. <i>Eurosurveillance</i> , 2016, 21, 30111.	7.0	13
17	Long-Term Pollen Monitoring in the Benelux: Evaluation of Allergenic Pollen Levels and Temporal Variations of Pollen Seasons. <i>Frontiers in Allergy</i> , 2021, 2, 676176.	2.8	10
18	Genome Sequences of Four Strains of Mycobacterium avium subsp. hominissuis, Isolated from Swine and Humans, Differing in Virulence in a Murine Intranasal Infection Model. <i>Genome Announcements</i> , 2016, 4, .	0.8	7

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19	Modelling grass pollen levels in Belgium. <i>Science of the Total Environment</i> , 2021, 753, 141903.	8.0	7
20	Association between local airborne tree pollen composition and surrounding land cover across different spatial scales in Northern Belgium. <i>Urban Forestry and Urban Greening</i> , 2021, 61, 127082.	5.3	5
21	Increased B and T Cell Responses in <i>M. bovis</i> Bacille Calmette-Guérin Vaccinated Pigs Co-Immunized with Plasmid DNA Encoding a Prototype Tuberculosis Antigen. <i>PLoS ONE</i> , 2015, 10, e0132288.	2.5	5
22	Genetic risk assessment for cardiovascular disease in Azoreans (Portugal): A general population-based study. <i>Gene</i> , 2013, 532, 132-139.	2.2	4
23	Overexpression of DosR in <i>Mycobacterium tuberculosis</i> does not affect aerobic replication in vitro or in murine macrophages. <i>Annals of Microbiology</i> , 2015, 65, 713-720.	2.6	4
24	Spatio-Temporal Monitoring and Modelling of Birch Pollen in Belgium. <i>Springer Proceedings in Complexity</i> , 2020, , 71-75.	0.3	4
25	Familial hypersensitivity pneumonitis triggered by <i>Cladosporium herbarum</i> exposure during carpooling. <i>ERJ Open Research</i> , 2020, 6, 00233-2020.	2.6	3
26	Trend analysis suggested a change in subspecies among <i>Mycobacterium avium</i> isolated from pigs in Belgium, 1967–2013. <i>Veterinary Record</i> , 2017, 180, 449-449.	0.3	2
27	Increased expression of IL-33 is found in the lower airways of patients with seasonal allergic rhinitis and is not related to natural allergen exposure. <i>Clinical and Experimental Allergy</i> , 2021, 51, 845-848.	2.9	2
28	Reconstructing multi-decadal airborne birch pollen levels based on NDVI data and a pollen transport model. <i>Agricultural and Forest Meteorology</i> , 2022, 320, 108942.	4.8	1
29	Residential green space and mental health in a prospective cohort of tree pollen allergy patients. <i>Environmental Epidemiology</i> , 2019, 3, 4.	3.0	0
30	Spatio-Temporal Modeling of Grass and Birch Pollen in Belgium. <i>Springer Proceedings in Complexity</i> , 2021, , 113-118.	0.3	0
31	Development of the EAACI% season definition a backup for a global application. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1315-1317.	5.7	0