

Laurent Mombaerts

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.

12
papers

489
citations

6
h-index

14
g-index

14
ext. papers

730
ext. citations

7.1
avg, IF

3.35
L-index

#	Paper	IF	Citations
12	An interpretable mortality prediction model for COVID-19 patients. <i>Nature Machine Intelligence</i> , 2020 , 2, 283-288	22.5	398
11	SARS-CoV-2 transmission risk from asymptomatic carriers: Results from a mass screening programme in Luxembourg. <i>Lancet Regional Health - Europe</i> , 2021 , 4, 100056		37
10	Differential Effects of Day/Night Cues and the Circadian Clock on the Barley Transcriptome. <i>Plant Physiology</i> , 2020 , 183, 765-779	6.6	12
9	Dynamical differential expression (DyDE) reveals the period control mechanisms of the Arabidopsis circadian oscillator. <i>PLoS Computational Biology</i> , 2019 , 15, e1006674	5	10
8	Development and Validation of a Prognostic Risk Score System for COVID-19 Inpatients: A Multi-Center Retrospective Study in China. <i>Engineering</i> , 2020 ,	9.7	10
7	Gene regulatory network inference from sparsely sampled noisy data. <i>Nature Communications</i> , 2020 , 11, 3493	17.4	7
6	COVID-19 crisis management in Luxembourg: Insights from an epidemionomic approach. <i>Economics and Human Biology</i> , 2021 , 43, 101051	2.6	5
5	Dynamical SPQEIR model assesses the effectiveness of non-pharmaceutical interventions against COVID-19 epidemic outbreaks		3
4	Optimising time-series experimental design for modelling of circadian rhythms: the value of transient data. <i>IFAC-PapersOnLine</i> , 2016 , 49, 109-113	0.7	3
3	COVID-19 Crisis Management in Luxembourg: Insights from an Epidemionomic Approach. <i>SSRN Electronic Journal</i> ,	1	2
2	Stages of COVID-19 pandemic and paths to herd immunity by vaccination: dynamical model comparing Austria, Luxembourg and Sweden		2
1	A multifactorial evaluation framework for gene regulatory network reconstruction. <i>IFAC-PapersOnLine</i> , 2019 , 52, 262-268	0.7	0