

Simon Sretenovic

List of Publications by Year in Descending Order

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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.

25
papers

855
citations

14
h-index

28
g-index

28
ext. papers

1,343
ext. citations

8.4
avg, IF

4.94
L-index

#	Paper	IF	Citations
25	Expanding the targeting scope of FokI-dCas nuclease systems with SpRY and Mb2Cas12a.. <i>Biotechnology Journal</i> , 2022 , e2100571	5.6	0
24	Boosting plant genome editing with a versatile CRISPR-Combo system. <i>Nature Plants</i> , 2022 , 8, 513-525	11.5	3
23	CRISPR-BETS: a base-editing design tool for generating stop codons. <i>Plant Biotechnology Journal</i> , 2021 ,	11.6	5
22	Highly efficient C-to-T and A-to-G base editing in a Populus hybrid. <i>Plant Biotechnology Journal</i> , 2021 , 19, 1086-1088	11.6	15
21	CRISPR/dCas-mediated transcriptional and epigenetic regulation in plants. <i>Current Opinion in Plant Biology</i> , 2021 , 60, 101980	9.9	16
20	Improved plant cytosine base editors with high editing activity, purity, and specificity. <i>Plant Biotechnology Journal</i> , 2021 , 19, 2052-2068	11.6	14
19	Genome- and transcriptome-wide off-target analyses of an improved cytosine base editor. <i>Plant Physiology</i> , 2021 , 187, 73-87	6.6	9
18	CRISPR-Act3.0 for highly efficient multiplexed gene activation in plants. <i>Nature Plants</i> , 2021 , 7, 942-953	11.5	25
17	Expanding plant genome-editing scope by an engineered iSpyMacCas9 system that targets A-rich PAM sequences. <i>Plant Communications</i> , 2021 , 2, 100101	9	17
16	Assembly and Assessment of Prime Editing Systems for Precise Genome Editing in Plants. <i>Springer Protocols</i> , 2021 , 83-101	0.3	
15	Exploring C-To-G Base Editing in Rice, Tomato, and Poplar. <i>Frontiers in Genome Editing</i> , 2021 , 3, 756766	2.5	4
14	Precise plant genome editing using base editors and prime editors. <i>Nature Plants</i> , 2021 , 7, 1166-1187	11.5	43
13	PAM-less plant genome editing using a CRISPR-SpRY toolbox. <i>Nature Plants</i> , 2021 , 7, 25-33	11.5	61
12	Rapid Vector Construction and Assessment of BE3 and Target-AID C to T Base Editing Systems in Rice Protoplasts. <i>Methods in Molecular Biology</i> , 2021 , 2238, 95-113	1.4	3
11	Plant prime editing goes prime.. <i>Nature Plants</i> , 2021 ,	11.5	4
10	Plant Prime Editors Enable Precise Gene Editing in Rice Cells. <i>Molecular Plant</i> , 2020 , 13, 667-670	14.4	94
9	CRISPR-Cas nucleases and base editors for plant genome editing. <i>ABIOTECH</i> , 2020 , 1, 74-87	3.9	9

8	Improving Plant Genome Editing with High-Fidelity xCas9 and Non-canonical PAM-Targeting Cas9-NG. <i>Molecular Plant</i> , 2019 , 12, 1027-1036	14.4	113
7	The emerging and uncultivated potential of CRISPR technology in plant science. <i>Nature Plants</i> , 2019 , 5, 778-794	11.5	189
6	Application of CRISPR-Cas12a temperature sensitivity for improved genome editing in rice, maize, and Arabidopsis. <i>BMC Biology</i> , 2019 , 17, 9	7.3	102
5	Single transcript unit CRISPR 2.0 systems for robust Cas9 and Cas12a mediated plant genome editing. <i>Plant Biotechnology Journal</i> , 2019 , 17, 1431-1445	11.6	75
4	An early mechanical coupling of planktonic bacteria in dilute suspensions. <i>Nature Communications</i> , 2017 , 8, 213	17.4	12
3	Structure and Dynamics of a Model Polymer Mixture Mimicking a Levan-Based Bacterial Biofilm of <i>Bacillus subtilis</i> . <i>Langmuir</i> , 2016 , 32, 8182-94	4	15
2	Viscoelastic properties of levan-DNA mixtures important in microbial biofilm formation as determined by micro- and macrorheology. <i>Biophysical Journal</i> , 2015 , 108, 758-65	2.9	21
1	Evaluating SAXS Results on Aqueous Solutions of Various Bacterial Levan utilizing the String-of-Beads Model. <i>Acta Chimica Slovenica</i> , 2015 , 62, 509-17	1.9	5