Simon Sretenovic

List of Publications by Citations

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	The emerging and uncultivated potential of CRISPR technology in plant science. *Nature Plants*, **2019**, 5, 778-794	11.5	189
24	Improving Plant Genome Editing with High-Fidelity xCas9 and Non-canonical PAM-Targeting Cas9-NG. *Molecular Plant*, **2019**, 12, 1027-1036	14.4	113
23	Application of CRISPR-Cas12a temperature sensitivity for improved genome editing in rice, maize, and Arabidopsis. *BMC Biology*, **2019**, 17, 9	7.3	102
22	Plant Prime Editors Enable Precise Gene Editing in Rice Cells. *Molecular Plant*, **2020**, 13, 667-670	14.4	94
21	Single transcript unit CRISPR 2.0 systems for robust Cas9 and Cas12a mediated plant genome editing. *Plant Biotechnology Journal*, **2019**, 17, 1431-1445	11.6	75
20	PAM-less plant genome editing using a CRISPR-SpRY toolbox. *Nature Plants*, **2021**, 7, 25-33	11.5	61
19	Precise plant genome editing using base editors and prime editors. *Nature Plants*, **2021**, 7, 1166-1187	11.5	43
18	CRISPR-Act3.0 for highly efficient multiplexed gene activation in plants. *Nature Plants*, **2021**, 7, 942-953	11.5	25
17	Viscoelastic properties of levan-DNA mixtures important in microbial biofilm formation as determined by micro- and macrorheology. *Biophysical Journal*, **2015**, 108, 758-65	2.9	21
16	Expanding plant genome-editing scope by an engineered iSpyMacCas9 system that targets A-rich PAM sequences. *Plant Communications*, **2021**, 2, 100101	9	17
15	CRISPR/dCas-mediated transcriptional and epigenetic regulation in plants. *Current Opinion in Plant Biology*, **2021**, 60, 101980	9.9	16
14	Highly efficient C-to-T and A-to-G base editing in a Populus hybrid. *Plant Biotechnology Journal*, **2021**, 19, 1086-1088	11.6	15
13	Structure and Dynamics of a Model Polymer Mixture Mimicking a Levan-Based Bacterial Biofilm of Bacillus subtilis. *Langmuir*, **2016**, 32, 8182-94	4	15
12	Improved plant cytosine base editors with high editing activity, purity, and specificity. *Plant Biotechnology Journal*, **2021**, 19, 2052-2068	11.6	14
11	An early mechanical coupling of planktonic bacteria in dilute suspensions. *Nature Communications*, **2017**, 8, 213	17.4	12
10	CRISPR-Cas nucleases and base editors for plant genome editing. *ABIOTECH*, **2020**, 1, 74-87	3.9	9
9	Genome- and transcriptome-wide off-target analyses of an improved cytosine base editor. *Plant Physiology*, **2021**, 187, 73-87	6.6	9

List of Publications

8	Evaluating SAXS Results on Aqueous Solutions of Various Bacterial Levan utilizing the String-of-Beads Model. *Acta Chimica Slovenica*, **2015**, 62, 509-17	1.9	5
7	CRISPR-BETS: a base-editing design tool for generating stop codons. *Plant Biotechnology Journal*, **2021**,	11.6	5
6	Exploring C-To-G Base Editing in Rice, Tomato, and Poplar. *Frontiers in Genome Editing*, **2021**, 3, 756766	2.5	4
5	Plant prime editing goes prime.. *Nature Plants*, **2021**,	11.5	4
4	Rapid Vector Construction and Assessment of BE3 and Target-AID C to T Base Editing Systems in Rice Protoplasts. *Methods in Molecular Biology*, **2021**, 2238, 95-113	1.4	3
3	Boosting plant genome editing with a versatile CRISPR-Combo system. *Nature Plants*, **2022**, 8, 513-525	11.5	3
2	Expanding the targeting scope of FokI-dCas nuclease systems with SpRY and Mb2Cas12a.. *Biotechnology Journal*, **2022**, e2100571	5.6	0
1	Assembly and Assessment of Prime Editing Systems for Precise Genome Editing in Plants. *Springer Protocols*, **2021**, 83-101	0.3	