

Kwang-Hyun Park

List of Publications by Year in descending order

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13
papers

183
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1307594

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docs citations

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times ranked

257
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal Structure of the Csm1 Subunit of the Csm Complex and Its Single-Stranded DNA-Specific Nuclease Activity. <i>Structure</i> , 2015, 23, 782-790.	3.3	61
2	Detection of Infectious Viruses Using CRISPR-Cas12-Based Assay. <i>Biosensors</i> , 2021, 11, 301.	4.7	27
3	RNA activation-independent DNA targeting of the Type III CRISPR-Cas system by a Csm complex. <i>EMBO Reports</i> , 2017, 18, 826-840.	4.5	23
4	Purification and characterization of a carboxymethyl cellulase from <i>Artemia salina</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 194-199.	2.1	15
5	Structural Analysis of the Phenol-Responsive Sensory Domain of the Transcription Activator PoxR. <i>Structure</i> , 2016, 24, 624-630.	3.3	15
6	Tetrameric architecture of an active phenol-bound form of the AAA+ transcriptional regulator DmpR. <i>Nature Communications</i> , 2020, 11, 2728.	12.8	12
7	Structural features of Cas2 from <i>Thermococcus onnurineus</i> in CRISPR-Cas system type IV. <i>Protein Science</i> , 2016, 25, 1890-1897.	7.6	10
8	In vivo genome editing using the Cpf1 ortholog derived from <i>Eubacterium eligens</i> . <i>Scientific Reports</i> , 2019, 9, 13911.	3.3	6
9	Directed evolution of glycosyltransferase for enhanced efficiency of avermectin glucosylation. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 4599-4607.	3.6	5
10	In vitro assembly of thermostable Csm complex in CRISPR-Cas type III/A system. <i>Methods in Enzymology</i> , 2019, 616, 173-189.	1.0	4
11	Crystal structure of the Csm5 subunit of the type III-A CRISPR-Cas system. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 112-116.	2.1	2
12	Dimeric architecture of maltodextrin glucosidase (MalZ) provides insights into the substrate recognition and hydrolysis mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2022, 586, 49-54.	2.1	2
13	Crystal structure of the mouse endonuclease G. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 35-40.	2.1	1