Stefano Stella

List of Publications by Year
in descending order

14	830	840776 11	1125743 13
papers	citations	h-index	g-index

17	17	17	1023
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure of the mini-RNA-guided endonuclease CRISPR-Cas12j3. Nature Communications, 2021, 12, 4476.	12.8	23
2	Structural basis of cyclic oligoadenylate degradation by ancillary Type III CRISPR-Cas ring nucleases. Nucleic Acids Research, 2021, 49, 12577-12590.	14.5	10
3	Structures of the Cmr-Î² Complex Reveal the Regulation of the Immunity Mechanism of Type III-B CRISPR-Cas. Molecular Cell, 2020, 79, 741-757.e7.	9.7	43
4	DeepFRET, a software for rapid and automated single-molecule FRET data classification using deep learning. ELife, 2020, 9, .	6.0	47
5	Structure of Csx1-cOA4 complex reveals the basis of RNA decay in Type III-B CRISPR-Cas. Nature Communications, 2019, 10, 4302.	12.8	72
6	High-Resolution Structure of Cas13b and Biochemical Characterization of RNA Targeting and Cleavage. Cell Reports, 2019, 26, 3741-3751.e5.	6.4	102
7	Conformational Activation Promotes CRISPR-Cas12a Catalysis and Resetting of the Endonuclease Activity. Cell, 2018, 175, 1856-1871.e21.	28.9	167
8	A Type III-B Cmr effector complex catalyzes the synthesis of cyclic oligoadenylate second messengers by cooperative substrate binding. Nucleic Acids Research, 2018, 46, 10319-10330.	14.5	51
9	Structure of the Cpf1 endonuclease R-loop complex after target DNA cleavage. Nature, 2017, 546, 559-563.	27.8	170
10	Class 2 CRISPRâ€“Cas RNA-guided endonucleases: Swiss Army knives of genome editing. Nature Structural and Molecular Biology, 2017, 24, 882-892.	8.2	55
11	Assembly ofFrancisella novicidaCpf1 endonuclease in complex with guide RNA and target DNA. Acta Crystallographica Section F, Structural Biology Communications, 2017, 73, 409-415.	0.8	6
12	The genome editing revolution: A <scp>CRISPRâ€Cas TALE</scp> offâ€target story. BioEssays, 2016, 38, S4-S13.	2.5	51
13	The genome editing revolution: A CRISPR-Cas TALE off-target story. Inside the Cell, 2016, 1, 7-16.	0.4	0
14	Visualizing phosphodiester-bond hydrolysis by an endonuclease. Nature Structural and Molecular Biology, 2015, 22, 65-72.	8.2	30