PÃ©ter IstvÃ¡n KulcsÃ¡r

List of Publications by Year
in descending order

14 papers	458 citations	1039880 9 h-index	1058333 14 g-index
16 all docs	16 docs citations	16 times ranked	681 citing authors

#	Article	IF	Citations
1	PEAR, a flexible fluorescent reporter for the identification and enrichment of successfully prime edited cells. ELife, 2022, 11, .	2.8	22
2	Identification of New Interactions between Endolysosomal Tethering Factors. Journal of Molecular Biology, 2021, 433, 166965.	2.0	4
3	A method for characterizing Cas9 variants via a one-million target sequence library of self-targeting sgRNAs. Nucleic Acids Research, 2021, 49, e31-e31.	6.5	12
4	BEAR reveals that increased fidelity variants can successfully reduce the mismatch tolerance of adenine but not cytosine base editors. Nature Communications, 2021, 12, 6353.	5.8	10
5	Blackjack mutations improve the on-target activities of increased fidelity variants of SpCas9 with 5â€²G-extended sgRNAs. Nature Communications, 2020, 11, 1223.	5.8	28
6	Improved LbCas12a variants with altered PAM specificities further broaden the genome targeting range of Cas12a nucleases. Nucleic Acids Research, 2020, 48, 3722-3733.	6.5	83
7	Mb- and FnCpf1 nucleases are active in mammalian cells: activities and PAM preferences of four wild-type Cpf1 nucleases and of their altered PAM specificity variants. Nucleic Acids Research, 2018, 46, 10272-10285.	6.5	62
8	Developmentally regulated autophagy is required for eye formation in Drosophila. Autophagy, 2018, 14, 1499-1519.	4.3	18
9	A convenient method to pre-screen candidate guide RNAs for CRISPR/Cas9 gene editing by NHEJ-mediated integration of a â€˜self-cleavingâ€™ GFP-expression plasmid. DNA Research, 2017, 24, 609-621.	1.5	21
10	Crossing enhanced and high fidelity SpCas9 nucleases to optimize specificity and cleavage. Genome Biology, 2017, 18, 190.	3.8	102
11	Cpf1 nucleases demonstrate robust activity to induce DNA modification by exploiting homology directed repair pathways in mammalian cells. Biology Direct, 2016, 11, 46.	1.9	65
12	Restriction Enzyme Body Doubles and PCR Cloning: On the General Use of Type IIS Restriction Enzymes for Cloning. PLoS ONE, 2014, 9, e90896.	1.1	10
13	The highly conserved, N-terminal (RXXX)8 motif of mouse Shadoo mediates nuclear accumulation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 1199-1211.	1.9	7
14	A mixture of amino acids and other small molecules present in the serum suppresses the growth of murine and human tumors in vivo. International Journal of Cancer, 2013, 132, 1213-1221.	2.3	9