Dominik Niopek

List of Publications by Year
in descending order

22	1,227	687363 13	677142 22
papers	citations	h-index	g-index

28	28	28	1850
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CRISPR/Cas9â€mediated genome engineering: An adenoâ€associated viral (AAV) vector toolbox. Biotechnology Journal, 2014, 9, 1402-1412.	3.5	235
2	Engineering light-inducible nuclear localization signals for precise spatiotemporal control of protein dynamics in living cells. Nature Communications, 2014, 5, 4404.	12.8	203
3	Optogenetic control of nuclear protein export. Nature Communications, 2016, 7, 10624.	12.8	183
4	Engineered anti-CRISPR proteins for optogenetic control of CRISPRâ€“Cas9. Nature Methods, 2018, 15, 924-927.	19.0	161
5	Cell-specific CRISPRâ€“Cas9 activation by microRNA-dependent expression of anti-CRISPR proteins. Nucleic Acids Research, 2019, 47, e75-e75.	14.5	79
6	Robust RNAi enhancement via human Argonaute-2 overexpression from plasmids, viral vectors and cell lines. Nucleic Acids Research, 2013, 41, e199-e199.	14.5	53
7	Coupling Cas9 to artificial inhibitory domains enhances CRISPR-Cas9 target specificity. Science Advances, 2020, 6, eaay0187.	10.3	45
8	AAV vector-mediated in vivo reprogramming into pluripotency. Nature Communications, 2018, 9, 2651.	12.8	43
9	Creating functional engineered variants of the single-module non-ribosomal peptide synthetase IndC by T domain exchange. Molecular BioSystems, 2014, 10, 1709-1718.	2.9	35
10	A Robust and All-Inclusive Pipeline for Shuffling of Adeno-Associated Viruses. ACS Synthetic Biology, 2019, 8, 194-206.	3.8	29
11	Optogenetic control of Neisseria meningitidis Cas9 genome editing using an engineered, light-switchable anti-CRISPR protein. Nucleic Acids Research, 2021, 49, e29-e29.	14.5	25
12	Engineering and Evolution of Synthetic Adeno-Associated Virus (AAV) Gene Therapy Vectors via DNA Family Shuffling. Journal of Visualized Experiments, 2012, , .	0.3	22
13	Controlling Cells with Light and LOV. Advanced Biology, 2018, 2, 1800098.	3.0	19
14	Leveraging implicit knowledge in neural networks for functional dissection and engineering of proteins. Nature Machine Intelligence, 2019, 1, 225-235.	16.0	18
15	Computational design of anti-CRISPR proteins with improved inhibition potency. Nature Chemical Biology, 2020, 16, 725-730.	8.0	14
16	Enlightening Allostery: Designing Switchable Proteins by Photoreceptor Fusion. Advanced Biology, 2021, 5, e2000181.	2.5	14
17	Optogenetic Control of Nuclear Protein Import in Living Cells Using Lightâ€inducible Nuclear Localization Signals (LINuS). Current Protocols in Chemical Biology, 2016, 8, 131-145.	1.7	12
18	Optogenetics and CRISPR: A New Relationship Built to Last. Methods in Molecular Biology, 2020, 2173, 261-281.	0.9	8

#	Article	IF	Citations
19	A Hepatic GAbp-AMPK Axis Links Inflammatory Signaling to Systemic Vascular Damage. Cell Reports, 2017, 20, 1422-1434.	6.4	7
20	Are artists and engineers inventing the culture of tomorrow?. Futures, 2013, 48, 55-64.	2.5	5
21	To go, or not to go, that is the question - Six personal reflections on how geographic mobility may affect your career and life. BioEssays, 2011, 33, 728-731.	2.5	2
22	Light-Inducible CRISPR Labeling. Methods in Molecular Biology, 2020, 2173, 137-150.	0.9	1