

Brett T Staahl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12094940/publications.pdf>

Version: 2024-02-01

16
papers

4,368
citations

516710

16
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

7100
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive deletion landscape of CRISPR-Cas9 identifies minimal RNA-guided DNA-binding modules. Nature Communications, 2021, 12, 5664.	12.8	25
2	Site-Specific Bioconjugation through Enzyme-Catalyzed Tyrosine–Cysteine Bond Formation. ACS Central Science, 2020, 6, 1564-1571.	11.3	60
3	Loss of the neural-specific BAF subunit ACTL6B relieves repression of early response genes and causes recessive autism. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10055-10066.	7.1	34
4	CasX enzymes comprise a distinct family of RNA-guided genome editors. Nature, 2019, 566, 218-223.	27.8	346
5	Efficient genome editing in the mouse brain by local delivery of engineered Cas9 ribonucleoprotein complexes. Nature Biotechnology, 2017, 35, 431-434.	17.5	278
6	Targeted gene knock-in by homology-directed genome editing using Cas9 ribonucleoprotein and AAV donor delivery. Nucleic Acids Research, 2017, 45, e98-e98.	14.5	72
7	A thermostable Cas9 with increased lifetime in human plasma. Nature Communications, 2017, 8, 1424.	12.8	142
8	Profiling of engineering hotspots identifies an allosteric CRISPR-Cas9 switch. Nature Biotechnology, 2016, 34, 646-651.	17.5	180
9	Rational design of a split-Cas9 enzyme complex. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2984-2989.	7.1	255
10	Enhanced homology-directed human genome engineering by controlled timing of CRISPR/Cas9 delivery. ELife, 2014, 3, e04766.	6.0	968
11	Creating a neural specific chromatin landscape by npBAF and nBAF complexes. Current Opinion in Neurobiology, 2013, 23, 903-913.	4.2	43
12	Kinetic Analysis of npBAF to nBAF Switching Reveals Exchange of SS18 with CREST and Integration with Neural Developmental Pathways. Journal of Neuroscience, 2013, 33, 10348-10361.	3.6	89
13	Exome sequencing to identify de novo mutations in sporadic ALS trios. Nature Neuroscience, 2013, 16, 851-855.	14.8	129
14	MicroRNA-mediated switching of chromatin-remodelling complexes in neural development. Nature, 2009, 460, 642-646.	27.8	557
15	An embryonic stem cell chromatin remodeling complex, esBAF, is essential for embryonic stem cell self-renewal and pluripotency. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5181-5186.	7.1	515
16	An Essential Switch in Subunit Composition of a Chromatin Remodeling Complex during Neural Development. Neuron, 2007, 55, 201-215.	8.1	647