

Jing Liang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1770714/publications.pdf>

Version: 2024-02-01

16
papers

2,510
citations

759233

12
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

5043
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromatin architecture reorganization during stem cell differentiation. <i>Nature</i> , 2015, 518, 331-336.	27.8	1,442
2	Homology-Integrated CRISPR-Cas (HI-CRISPR) System for One-Step Multigene Disruption in <i>Saccharomyces cerevisiae</i> . <i>ACS Synthetic Biology</i> , 2015, 4, 585-594.	3.8	308
3	Activation and characterization of a cryptic polycyclic tetramate macrolactam biosynthetic gene cluster. <i>Nature Communications</i> , 2013, 4, 2894.	12.8	206
4	Genome-scale engineering of <i>Saccharomyces cerevisiae</i> with single-nucleotide precision. <i>Nature Biotechnology</i> , 2018, 36, 505-508.	17.5	149
5	Optimized TAL effector nucleases (TALENs) for use in treatment of sickle cell disease. <i>Molecular BioSystems</i> , 2012, 8, 1255.	2.9	120
6	Fully Automated One-Step Synthesis of Single-Transcript TALEN Pairs Using a Biological Foundry. <i>ACS Synthetic Biology</i> , 2017, 6, 678-685.	3.8	46
7	Synthetic biology: putting synthesis into biology. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2011, 3, 7-20.	6.6	43
8	In Situ Assembly of Antifouling/Bacterial Silver Nanoparticle-Hydrogel Composites with Controlled Particle Release and Matrix Softening. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 15359-15367.	8.0	41
9	Twin-primer non-enzymatic DNA assembly: an efficient and accurate multi-part DNA assembly method. <i>Nucleic Acids Research</i> , 2017, 45, e94-e94.	14.5	40
10	FairyTALE: A High-Throughput TAL Effector Synthesis Platform. <i>ACS Synthetic Biology</i> , 2014, 3, 67-73.	3.8	39
11	Coordinated induction of multi-gene pathways in <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , 2013, 41, e54-e54.	14.5	32
12	Directed Evolution to Engineer Monobody for FRET Biosensor Assembly and Imaging at Live-Cell Surface. <i>Cell Chemical Biology</i> , 2018, 25, 370-379.e4.	5.2	23
13	Orthogonal control of endogenous gene expression in mammalian cells using synthetic ligands. <i>Biotechnology and Bioengineering</i> , 2013, 110, 1419-1429.	3.3	7
14	Members of the Rusc protein family interact with Sufu and inhibit vertebrate Hedgehog signaling. <i>Development (Cambridge)</i> , 2016, 143, 3944-3955.	2.5	7
15	Visualizing Spatiotemporal Dynamics of Intercellular Mechanotransmission upon Wounding. <i>ACS Photonics</i> , 2018, 5, 3565-3574.	6.6	7
16	Members of the Rusc protein family interact with Sufu and inhibit vertebrate Hedgehog signaling. <i>Journal of Cell Science</i> , 2016, 129, e1.1-e1.1.	2.0	0