

Hannes M Beyer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5689349/publications.pdf>

Version: 2024-02-01

19
papers

569
citations

840776

11
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

962
citing authors

#	ARTICLE	IF	CITATIONS
1	AQUA Cloning: A Versatile and Simple Enzyme-Free Cloning Approach. PLoS ONE, 2015, 10, e0137652.	2.5	153
2	Red Light-Regulated Reversible Nuclear Localization of Proteins in Mammalian Cells and Zebrafish. ACS Synthetic Biology, 2015, 4, 951-958.	3.8	105
3	A Green-Light-Responsive System for the Control of Transgene Expression in Mammalian and Plant Cells. ACS Synthetic Biology, 2018, 7, 1349-1358.	3.8	60
4	StrigoQuant: A genetically encoded biosensor for quantifying strigolactone activity and specificity. Science Advances, 2016, 2, e1601266.	10.3	51
5	Optogenetic control of signaling in mammalian cells. Biotechnology Journal, 2015, 10, 273-283.	3.5	41
6	Unearthing the transition rates between photoreceptor conformers. BMC Systems Biology, 2016, 10, 110.	3.0	27
7	Generic and reversible opto-trapping of biomolecules. Acta Biomaterialia, 2018, 79, 276-282.	8.3	23
8	Synthetic Biology Makes Polymer Materials Count. Advanced Materials, 2018, 30, e1800472.	21.0	22
9	The Red Edge: Bilin-Binding Photoreceptors as Optogenetic Tools and Fluorescence Reporters. Chemical Reviews, 2021, 121, 14906-14956.	47.7	22
10	The crystal structure of the naturally split gp41 intein guides the engineering of orthogonal split inteins from cis-splicing inteins. FEBS Journal, 2020, 287, 1886-1898.	4.7	15
11	NMR Structure and Dynamics of TonB Investigated by Scar-Less Segmental Isotopic Labeling Using a Salt-Inducible Split Intein. Frontiers in Chemistry, 2020, 8, 136.	3.6	13
12	Crystal structures of CDC21-1 inteins from hyperthermophilic archaea reveal the selection mechanism for the highly conserved homing endonuclease insertion site. Extremophiles, 2019, 23, 669-679.	2.3	8
13	Substrate specificities of inteins investigated by QuickDrop cassette mutagenesis. FEBS Letters, 2020, 594, 3338-3355.	2.8	8
14	Signalling to the nucleus under the control of light and small molecules. Molecular BioSystems, 2016, 12, 345-349.	2.9	6
15	Off-Pathway-Sensitive Protein-Splicing Screening Based on a Toxin/Antitoxin System. ChemBioChem, 2019, 20, 1933-1938.	2.6	6
16	Mini-Intein Structures from Extremophiles Suggest a Strategy for Finding Novel Robust Inteins. Microorganisms, 2021, 9, 1226.	3.6	4
17	Structural Basis for the Propagation of Homing Endonuclease-Associated Inteins. Frontiers in Molecular Biosciences, 2022, 9, 855511.	3.5	3
18	The Convergence of the Hedgehog/Intein Fold in Different Protein Splicing Mechanisms. International Journal of Molecular Sciences, 2020, 21, 8367.	4.1	2

#	ARTICLE	IF	CITATIONS
19	Biomaterials: Synthetic Biology Makes Polymer Materials Count (Adv. Mater. 21/2018). Advanced Materials, 2018, 30, 1870150.	21.0	0