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	569	840776 11	839539 18
papers	citations	h-index	g-index

21	21	21	962
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural Basis for the Propagation of Homing Endonuclease-Associated Inteins. Frontiers in Molecular Biosciences, 2022, 9, 855511.	3.5	3
2	Mini-Intein Structures from Extremophiles Suggest a Strategy for Finding Novel Robust Inteins. Microorganisms, 2021, 9, 1226.	3.6	4
3	The Red Edge: Bilin-Binding Photoreceptors as Optogenetic Tools and Fluorescence Reporters. Chemical Reviews, 2021, 121, 14906-14956.	47.7	22
4	The crystal structure of the naturally split gp41â€1 intein guides the engineering of orthogonal split inteins from cisâ€splicing inteins. FEBS Journal, 2020, 287, 1886-1898.	4.7	15
5	The Convergence of the Hedgehog/Intein Fold in Different Protein Splicing Mechanisms. International Journal of Molecular Sciences, 2020, 21, 8367.	4.1	2
6	Substrate specificities of inteins investigated by QuickDropâ€cassette mutagenesis. FEBS Letters, 2020, 594, 3338-3355.	2.8	8
7	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
8	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
9	Offâ€Pathwayâ€Sensitive Proteinâ€Splicing Screening Based on a Toxin/Antitoxin System. ChemBioChem, 2019, 20, 1933-1938.	2.6	6
10	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
11	Synthetic Biology Makes Polymer Materials Count. Advanced Materials, 2018, 30, e1800472.	21.0	22
12	Generic and reversible opto-trapping of biomolecules. Acta Biomaterialia, 2018, 79, 276-282.	8.3	23
13	Biomaterials: Synthetic Biology Makes Polymer Materials Count (Adv. Mater. 21/2018). Advanced Materials, 2018, 30, 1870150.	21.0	0
14	StrigoQuant: A genetically encoded biosensor for quantifying strigolactone activity and specificity. Science Advances, 2016, 2, e1601266.	10.3	51
15	Unearthing the transition rates between photoreceptor conformers. BMC Systems Biology, 2016, 10, 110.	3.0	27
16	Signalling to the nucleus under the control of light and small molecules. Molecular BioSystems, 2016, 12, 345-349.	2.9	6
17	Red Light-Regulated Reversible Nuclear Localization of Proteins in Mammalian Cells and Zebrafish. ACS Synthetic Biology, 2015, 4, 951-958.	3.8	105
18	Optogenetic control of signaling in mammalian cells. Biotechnology Journal, 2015, 10, 273-283.	3.5	41

#	Article	IF	Citations
19	AQUA Cloning: A Versatile and Simple Enzyme-Free Cloning Approach. PLoS ONE, 2015, 10, e0137652.	2.5	153