

Rita L Strack

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8064855/publications.pdf>

Version: 2024-02-01

19
papers

1,807
citations

623734

14
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

4212
citing authors

#	ARTICLE	IF	CITATIONS
1	A superfolder Spinach2 reveals the dynamic nature of trinucleotide repeat-containing RNA. <i>Nature Methods</i> , 2013, 10, 1219-1224.	19.0	317
2	Structural basis for activity of highly efficient RNA mimics of green fluorescent protein. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 658-663.	8.2	299
3	Plug-and-Play Fluorophores Extend the Spectral Properties of Spinach. <i>Journal of the American Chemical Society</i> , 2014, 136, 1198-1201.	13.7	227
4	A noncytotoxic DsRed variant for whole-cell labeling. <i>Nature Methods</i> , 2008, 5, 955-957.	19.0	171
5	A Rapidly Maturing Far-Red Derivative of DsRed-Express2 for Whole-Cell Labeling. <i>Biochemistry</i> , 2009, 48, 8279-8281.	2.5	167
6	Imaging bacterial protein expression using genetically encoded RNA sensors. <i>Nature Methods</i> , 2013, 10, 873-875.	19.0	133
7	Using Spinach-based sensors for fluorescence imaging of intracellular metabolites and proteins in living bacteria. <i>Nature Protocols</i> , 2014, 9, 146-155.	12.0	114
8	Chromophore Formation in DsRed Occurs by a Branched Pathway. <i>Journal of the American Chemical Society</i> , 2010, 132, 8496-8505.	13.7	70
9	The Yeast GRASP Grh1 Colocalizes with COPII and Is Dispensable for Organizing the Secretory Pathway. <i>Traffic</i> , 2010, 11, 1168-1179.	2.7	67
10	Structural rearrangements near the chromophore influence the maturation speed and brightness of DsRed variants. <i>Protein Engineering, Design and Selection</i> , 2007, 20, 525-534.	2.1	49
11	Small Molecule Recognition and Tools to Study Modulation of r(CGG) ^{exp} in Fragile X-Associated Tremor Ataxia Syndrome. <i>ACS Chemical Biology</i> , 2016, 11, 2456-2465.	3.4	44
12	New approaches for sensing metabolites and proteins in live cells using RNA. <i>Current Opinion in Chemical Biology</i> , 2013, 17, 651-655.	6.1	42
13	Noncytotoxic orange and red/green derivatives of DsRed-Express2 for whole-cell labeling. <i>BMC Biotechnology</i> , 2009, 9, 32.	3.3	28
14	Live-Cell Imaging of Mammalian RNAs with Spinach2. <i>Methods in Enzymology</i> , 2015, 550, 129-146.	1.0	25
15	A photostable monomeric superfolder green fluorescent protein. <i>Traffic</i> , 2020, 21, 534-544.	2.7	22
16	Noncytotoxic DsRed Derivatives for Whole-Cell Labeling. <i>Methods in Molecular Biology</i> , 2011, 699, 355-370.	0.9	15
17	A dual fluorescent reporter for the investigation of methionine mistranslation in live cells. <i>Rna</i> , 2016, 22, 467-476.	3.5	14
18	A noncytotoxic DsRed variant for whole-cell labeling. <i>Proceedings of SPIE</i> , 2009, , .	0.8	1

#	ARTICLE	IF	CITATIONS
19	Using RNA Mimics of GFP to Image RNA Dynamics in Mammalian Cells. , 2014, , 83-91.		1