

Ryan J Emenecker

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

763
citations

840776

11
h-index

1125743

13
g-index

21
all docs

21
docs citations

21
times ranked

861
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsically disordered CO2 sensors. <i>Nature Cell Biology</i> , 2022, 24, 1013-1014.	10.3	2
2	Regulation of AUXIN RESPONSE FACTOR condensation and nucleo-cytoplasmic partitioning. <i>Nature Communications</i> , 2022, 13, .	12.8	27
3	Improved <i>Spirodela polyrhiza</i> genome and proteomic analyses reveal a conserved chromosomal structure with high abundance of chloroplastic proteins favoring energy production. <i>Journal of Experimental Botany</i> , 2021, 72, 2491-2500.	4.8	25
4	Biological Phase Separation and Biomolecular Condensates in Plants. <i>Annual Review of Plant Biology</i> , 2021, 72, 17-46.	18.7	53
5	Sequence determinants of in cell condensate morphology, dynamics, and oligomerization as measured by number and brightness analysis. <i>Cell Communication and Signaling</i> , 2021, 19, 65.	6.5	12
6	Metapredict: a fast, accurate, and easy-to-use predictor of consensus disorder and structure. <i>Biophysical Journal</i> , 2021, 120, 4312-4319.	0.5	103
7	Adaptable P body physical states differentially regulate bicoid mRNA storage during early <i>Drosophila</i> development. <i>Developmental Cell</i> , 2021, 56, 2886-2901.e6.	7.0	24
8	Emerging Roles for Phase Separation in Plants. <i>Developmental Cell</i> , 2020, 55, 69-83.	7.0	84
9	Auxin-Absciscic Acid Interactions in Plant Growth and Development. <i>Biomolecules</i> , 2020, 10, 281.	4.0	95
10	Identification and stacking of crucial traits required for the domestication of pennycress. <i>Nature Food</i> , 2020, 1, 84-91.	14.0	54
11	Using CRISPR/Cas9 genome editing in tomato to create a gibberellin-responsive dominant dwarf DELLA allele. <i>Plant Biotechnology Journal</i> , 2019, 17, 132-140.	8.3	64
12	Nucleo-cytoplasmic Partitioning of ARF Proteins Controls Auxin Responses in <i>Arabidopsis thaliana</i> . <i>Molecular Cell</i> , 2019, 76, 177-190.e5.	9.7	165
13	Mechanism of microtubule plus-end tracking by the plant-specific SPR1 protein and its development as a versatile plus-end marker. <i>Journal of Biological Chemistry</i> , 2019, 294, 16374-16384.	3.4	4