

# Bassem Al-Sady

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

2,989  
citations

567281

15  
h-index

677142

22  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2880  
citing authors

#	ARTICLE	IF	CITATIONS
1	Local chromatin context regulates the genetic requirements of the heterochromatin spreading reaction. <i>PLoS Genetics</i> , 2022, 18, e1010201.	3.5	6
2	Heterodimerization of H3K9 histone methyltransferases G9a and GLP activates methyl reading and writing capabilities. <i>Journal of Biological Chemistry</i> , 2021, 297, 101276.	3.4	16
3	The histone chaperone FACT facilitates heterochromatin spreading by regulating histone turnover and H3K9 methylation states. <i>Cell Reports</i> , 2021, 37, 109944.	6.4	16
4	Set1/COMPASS repels heterochromatin invasion at euchromatic sites by disrupting Suv39/Clr4 activity and nucleosome stability. <i>Genes and Development</i> , 2020, 34, 99-117.	5.9	26
5	Epigenetic fates of gene silencing established by heterochromatin spreading in cell identity and genome stability. <i>Current Genetics</i> , 2019, 65, 423-428.	1.7	7
6	Chromatin Curtains: A Single-Molecule Method for Visualizing Histone Marks on Chromatin Substrates In Vitro. <i>Biophysical Journal</i> , 2018, 114, 254a.	0.5	0
7	Noncoding RNA-nucleated heterochromatin spreading is intrinsically labile and requires accessory elements for epigenetic stability. <i>ELife</i> , 2018, 7, .	6.0	30
8	Sensitive and Quantitative Three-Color Protein Imaging in Fission Yeast Using Spectrally Diverse, Recoded Fluorescent Proteins with Experimentally-Characterized In Vivo Maturation Kinetics. <i>PLoS ONE</i> , 2016, 11, e0159292.	2.5	16
9	Molecular convergence of clock and photosensory pathways through PIF3-TOC1 interaction and co-occupancy of target promoters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4870-4875.	7.1	115
10	Intrinsic Toxicity of Unchecked Heterochromatin Spread Is Suppressed by Redundant Chromatin Boundary Functions in <i>Schizosaccharomyces pombe</i> . <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 1453-1461.	1.8	13
11	Division of Labor between the Chromodomains of HP1 and Suv39 Methylase Enables Coordination of Heterochromatin Spread. <i>Molecular Cell</i> , 2013, 51, 80-91.	9.7	125
12	Reconstitution of Nucleosome Demethylation and Catalytic Properties of a Jumonji Histone Demethylase. <i>Chemistry and Biology</i> , 2013, 20, 494-499.	6.0	27
13	Dynamic Antagonism between Phytochromes and PIF Family Basic Helix-Loop-Helix Factors Induces Selective Reciprocal Responses to Light and Shade in a Rapidly Responsive Transcriptional Network in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 1398-1419.	6.6	199
14	Chromodomain-Mediated Oligomerization of HP1 Suggests a Nucleosome-Bridging Mechanism for Heterochromatin Assembly. <i>Molecular Cell</i> , 2011, 41, 67-81.	9.7	262
15	The <i>Arabidopsis</i> Phytochrome-Interacting Factor PIF7, Together with PIF3 and PIF4, Regulates Responses to Prolonged Red Light by Modulating phyB Levels. <i>Plant Cell</i> , 2008, 20, 337-352.	6.6	334
16	Mechanistic duality of transcription factor function in phytochrome signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2232-2237.	7.1	105
17	Out of the dark: how the PIFs are unmasking a dual temporal mechanism of phytochrome signalling. <i>Journal of Experimental Botany</i> , 2007, 58, 3125-3133.	4.8	66
18	Photoactivated Phytochrome Induces Rapid PIF3 Phosphorylation Prior to Proteasome-Mediated Degradation. <i>Molecular Cell</i> , 2006, 23, 439-446.	9.7	481

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19	The phytochrome-interacting transcription factor, PIF3, acts early, selectively, and positively in light-induced chloroplast development. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16091-16098.	7.1	275
20	A Novel Molecular Recognition Motif Necessary for Targeting Photoactivated Phytochrome Signaling to Specific Basic Helix-Loop-Helix Transcription Factors[W]. Plant Cell, 2004, 16, 3033-3044.	6.6	314
21	PHYTOCHROME-INTERACTING FACTOR 1 Is a Critical bHLH Regulator of Chlorophyll Biosynthesis. Science, 2004, 305, 1937-1941.	12.6	434
22	Nuclear translocation of the photoreceptor phytochrome B is necessary for its biological function in seedling photomorphogenesis. Plant Journal, 2003, 35, 660-664.	5.7	117