

Miles A Pufall

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,967
citations

279798

23
h-index

414414

32
g-index

43
all docs

43
docs citations

43
times ranked

4932
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA Binding Site Sequence Directs Glucocorticoid Receptor Structure and Activity. <i>Science</i> , 2009, 324, 407-410.	12.6	618
2	Reversible targeting of noncatalytic cysteines with chemically tuned electrophiles. <i>Nature Chemical Biology</i> , 2012, 8, 471-476.	8.0	408
3	Variable Control of Ets-1 DNA Binding by Multiple Phosphates in an Unstructured Region. <i>Science</i> , 2005, 309, 142-145.	12.6	230
4	Autoinhibitory Domains: Modular Effectors of Cellular Regulation. <i>Annual Review of Cell and Developmental Biology</i> , 2002, 18, 421-462.	9.4	196
5	Metabolic gatekeeper function of B-lymphoid transcription factors. <i>Nature</i> , 2017, 542, 479-483.	27.8	175
6	The glucocorticoid receptor dimer interface allosterically transmits sequence-specific DNA signals. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 876-883.	8.2	156
7	Glucocorticoids and Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2015, 872, 315-333.	1.6	154
8	The Structural and Dynamic Basis of Ets-1 DNA Binding Autoinhibition. <i>Journal of Biological Chemistry</i> , 2005, 280, 7088-7099.	3.4	101
9	JUNB Is a Key Transcriptional Modulator of Macrophage Activation. <i>Journal of Immunology</i> , 2015, 194, 177-186.	0.8	94
10	Transcriptional Regulation of Human Dual Specificity Protein Phosphatase 1 (DUSP1) Gene by Glucocorticoids. <i>PLoS ONE</i> , 2010, 5, e13754.	2.5	93
11	Structural Analysis of the Autoinhibition of Ets-1 and Its Role in Protein Partnerships. <i>Journal of Biological Chemistry</i> , 2002, 277, 45529-45536.	3.4	79
12	E-C coupling structural protein junctophilin-2 encodes a stress-adaptive transcription regulator. <i>Science</i> , 2018, 362, .	12.6	78
13	DNA mismatches reveal conformational penalties in proteinâ€™DNA recognition. <i>Nature</i> , 2020, 587, 291-296.	27.8	74
14	The Affinity of Ets-1 for DNA is Modulated by Phosphorylation Through Transient Interactions of an Unstructured Region. <i>Journal of Molecular Biology</i> , 2008, 382, 1014-1030.	4.2	56
15	A naturally occurring insertion of a single amino acid rewires transcriptional regulation by glucocorticoid receptor isoforms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17826-17831.	7.1	52
16	Suppression of B-cell development genes is key to glucocorticoid efficacy in treatment of acute lymphoblastic leukemia. <i>Blood</i> , 2017, 129, 3000-3008.	1.4	48
17	Spermine oxidase maintains basal skeletal muscle gene expression and fiber size and is strongly repressed by conditions that cause skeletal muscle atrophy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E144-E158.	3.5	45
18	Neuronal PAS Domain Proteins 1 and 3 Are Master Regulators of Neuropsychiatric Risk Genes. <i>Biological Psychiatry</i> , 2017, 82, 213-223.	1.3	36

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19	Nascent transcript analysis of glucocorticoid crosstalk with TNF defines primary and cooperative inflammatory repression. <i>Genome Research</i> , 2019, 29, 1753-1765.	5.5	36
20	Response Element Composition Governs Correlations between Binding Site Affinity and Transcription in Glucocorticoid Receptor Feed-forward Loops. <i>Journal of Biological Chemistry</i> , 2015, 290, 19756-19769.	3.4	32
21	SelexGLM differentiates androgen and glucocorticoid receptor DNA-binding preference over an extended binding site. <i>Genome Research</i> , 2018, 28, 111-121.	5.5	32
22	Relapse-associated AURKB blunts the glucocorticoid sensitivity of B cell acute lymphoblastic leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3052-3061.	7.1	32
23	Glucocorticoid-induced phosphorylation by CDK9 modulates the coactivator functions of transcriptional cofactor GRIP1 in macrophages. <i>Nature Communications</i> , 2017, 8, 1739.	12.8	28
24	Systematic in vitro profiling of off-target affinity, cleavage and efficiency for CRISPR enzymes. <i>Nucleic Acids Research</i> , 2020, 48, 5037-5053.	14.5	26
25	Increasing G9a automethylation sensitizes B acute lymphoblastic leukemia cells to glucocorticoid-induced death. <i>Cell Death and Disease</i> , 2018, 9, 1038.	6.3	23
26	Mechanistic Investigation of the Androgen Receptor DNA-Binding Domain Inhibitor Pyrvinium. <i>ACS Omega</i> , 2019, 4, 2472-2481.	3.5	16
27	Ets-1 Flips for New Partner Pax-5. <i>Structure</i> , 2002, 10, 11-14.	3.3	15
28	The molecular basis of selective DNA binding by the BRG1 AT-hook and bromodomain. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194566.	1.9	13
29	An idea to explore: A collaboration and cross training in an extended classroomâ€based undergraduate research experience between primarily undergraduate and researchâ€intensive institutions. <i>Biochemistry and Molecular Biology Education</i> , 2020, 48, 269-275.	1.2	5
30	Deacylcortivazol-like pyrazole regioisomers reveal a more accommodating expanded binding pocket for the glucocorticoid receptor. <i>RSC Medicinal Chemistry</i> , 2021, 12, 203-212.	3.9	4
31	Checkpoint activation drives global gene expression changes in <i>Drosophila</i> nuclear lamina mutants. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	1.8	1
32	Defining Native Enhancer Function. <i>Cell Systems</i> , 2017, 5, 310-312.	6.2	0
33	Differential Response Of Leukemic Blasts To Dexamethasone and Prednisone Occurs At Sub-Saturating Doses. <i>Blood</i> , 2013, 122, 4915-4915.	1.4	0
34	Inhibiting pathways involved in Bâ€cell development enhances sensitivity of Bâ€cell acute lymphoblastic leukemia to glucocorticoids. <i>FASEB Journal</i> , 2017, 31, .	0.5	0
35	Probing the Effects of Androgen and Glucocorticoid Receptor Sequences on DNA Binding Preferences. <i>FASEB Journal</i> , 2019, 33, 458.5.	0.5	0
36	PI3KÎ Inhibition Enhances Sensitivity of Primary High-Risk Childhood B-Cell Acute Lymphoblastic Leukemia Cells to Glucocorticoid Chemotherapy. <i>Blood</i> , 2019, 134, 2572-2572.	1.4	0

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37	Glucocorticoids Regulate the Splicing Factor MBNL1, a Potential Control Point for B-Cell Specification. Blood, 2019, 134, 2478-2478.	1.4	0