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List of Publications by Year
in descending order

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86	5,207	66343	95266
papers	citations	42 h-index	68 g-index

90	90	90	6616
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Androgen receptor mutations modulate activation by 11-oxygenated androgens and glucocorticoids. Prostate Cancer and Prostatic Diseases, 2023, 26, 293-301.	3.9	12
2	Externally triggered smart drug delivery system encapsulating idarubicin shows superior kinetics and enhances tumoral drug uptake and response. Theranostics, 2021, 11, 5700-5712.	10.0	16
3	High Resolution View on the Regulation of Recombinase Accumulation in Mammalian Meiosis. Frontiers in Cell and Developmental Biology, 2021, 9, 672191.	3.7	10
4	Structured illumination microscopy with noise-controlled image reconstructions. Nature Methods, 2021, 18, 821-828.	19.0	40
5	CTCF chromatin residence time controls three-dimensional genome organization, gene expression and DNA methylation in pluripotent cells. Nature Cell Biology, 2021, 23, 881-893.	10.3	30
6	DNA binding alters ARv7 dimer interactions. Journal of Cell Science, 2021, 134, .	2.0	7
7	Quantitative 3D microscopy highlights altered von Willebrand factor Î±â€granule storage in patients with von Willebrand disease with distinct pathogenic mechanisms. Research and Practice in Thrombosis and Haemostasis, 2021, 5, e12595.	2.3	7
8	Growth factor dependent changes in nanoscale architecture of focal adhesions. Scientific Reports, 2021, 11, 2315.	3.3	6
9	The androgen receptor depends on ligandâ€binding domain dimerization for transcriptional activation. EMBO Reports, 2021, 22, e52764.	4.5	20
10	RNA polymerase II is required for spatial chromatin reorganization following exit from mitosis. Science Advances, 2021, 7, eabg8205.	10.3	70
11	A Layered View on Focal Adhesions. Biology, 2021, 10, 1189.	2.8	39
12	Uptake and subcellular distribution of radiolabeled polymersomes for radiotherapy. Nanotheranostics, 2020, 4, 14-25.	5.2	15
13	Comparison of High- and Low-LET Radiation-Induced DNA Double-Strand Break Processing in Living Cells. International Journal of Molecular Sciences, 2020, 21, 6602.	4.1	38
14	Structureâ€“function relation of the developing calyx of Held synapse in vivo. Journal of Physiology, 2020, 598, 4603-4619.	2.9	8
15	Super-resolution imaging of RAD51 and DMC1 in DNA repair foci reveals dynamic distribution patterns in meiotic prophase. PLoS Genetics, 2020, 16, e1008595.	3.5	27
16	Redundant and specific roles of cohesin STAG subunits in chromatin looping and transcriptional control. Genome Research, 2020, 30, 515-527.	5.5	54
17	AMPAR Auxiliary Protein SHISA6 Facilitates Purkinje Cell Synaptic Excitability and Procedural Memory Formation. Cell Reports, 2020, 31, 107515.	6.4	17
18	Dynamics and distribution of paxillin, vinculin, zyxin and VASP depend on focal adhesion location and orientation. Scientific Reports, 2019, 9, 10460.	3.3	63

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19	Modular actin nano-architecture enables podosome protrusion and mechanosensing. Nature Communications, 2019, 10, 5171.	12.8	56
20	Repetitive switching between DNA binding modes enables target finding by the glucocorticoid receptor. Journal of Cell Science, 2019, 132, .	2.0	8
21	Threeâ€dimensional architecture of common benign and precancerous prostate epithelial lesions. Histopathology, 2019, 74, 1036-1044.	2.9	11
22	ARv7 Represses Tumor-Suppressor Genes in Castration-Resistant Prostate Cancer. Cancer Cell, 2019, 35, 401-413.e6.	16.8	127
23	CDK1-mediated phosphorylation at H2B serine 6 is required for mitotic chromosome segregation. Journal of Cell Biology, 2019, 218, 1164-1181.	5.2	21
24	Halogen-substituted anthranilic acid derivatives provide a novel chemical platform for androgen receptor antagonists. Journal of Steroid Biochemistry and Molecular Biology, 2019, 188, 59-70.	2.5	14
25	SMoLR: visualization and analysis of single-molecule localization microscopy data in R. BMC Bioinformatics, 2019, 20, 30.	2.6	14
26	Live-cell analysis of endogenous GFP-RPB1 uncovers rapid turnover of initiating and promoter-paused RNA Polymerase II. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4368-E4376.	7.1	166
27	Staphylococcal Protein A Is a Key Factor in Neutrophil Extracellular Traps Formation. Frontiers in Immunology, 2018, 9, 165.	4.8	28
28	Structure of the homodimeric androgen receptor ligand-binding domain. Nature Communications, 2017, 8, 14388.	12.8	131
29	Architectural plasticity of human BRCA2â€“RAD51 complexes in DNA break repair. Nucleic Acids Research, 2017, 45, 4507-4518.	14.5	48
30	Correlation profiling of brain sub-cellular proteomes reveals co-assembly of synaptic proteins and subcellular distribution. Scientific Reports, 2017, 7, 12107.	3.3	55
31	In vitro induction of NETosis: Comprehensive live imaging comparison and systematic review. PLoS ONE, 2017, 12, e0176472.	2.5	158
32	Threeâ€dimensional microscopic analysis of clinical prostate specimens. Histopathology, 2016, 69, 985-992.	2.9	71
33	Incorporation of a Valineâ€“Leucineâ€“Lysine-Containing Substrate in the Bacterial Cell Wall. Bioconjugate Chemistry, 2016, 27, 2418-2423.	3.6	2
34	Insulator speckles associated with long-distance chromatin contacts. Biology Open, 2016, 5, 1266-1274.	1.2	11
35	Group 1 metabotropic glutamate receptors 1 and 5 form a protein complex in mouse hippocampus and cortex. Proteomics, 2016, 16, 2698-2705.	2.2	52
36	Actomyosin-dependent dynamic spatial patterns of cytoskeletal components drive mesoscale podosome organization. Nature Communications, 2016, 7, 13127.	12.8	57

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37	The Effect of F877L and T878A Mutations on Androgen Receptor Response to Enzalutamide. Molecular Cancer Therapeutics, 2016, 15, 1702-1712.	4.1	73
38	VASP, zyxin and TES are tension-dependent members of Focal Adherens Junctions independent of the Î±-catenin-vinculin module. Scientific Reports, 2015, 5, 17225.	3.3	56
39	SUMO and ubiquitin-dependent XPC exchange drives nucleotide excision repair. Nature Communications, 2015, 6, 7499.	12.8	90
40	Analysis of Biomolecular Dynamics by FRAP and Computer Simulation. Methods in Molecular Biology, 2015, 1251, 109-133.	0.9	16
41	Quantitation of Glucocorticoid Receptor DNA-Binding Dynamics by Single-Molecule Microscopy and FRAP. PLoS ONE, 2014, 9, e90532.	2.5	55
42	Differential binding kinetics of replication protein A during replication and the pre- and post-incision steps of nucleotide excision repair. DNA Repair, 2014, 24, 46-56.	2.8	3
43	BRCA2 diffuses as oligomeric clusters with RAD51 and changes mobility after DNA damage in live cells. Journal of Cell Biology, 2014, 207, 599-613.	5.2	60
44	Androgen receptor complexes probe DNA for recognition sequences by short random interactions. Journal of Cell Science, 2014, 127, 1406-16.	2.0	18
45	A multiâ€parameter imaging assay identifies different stages of ligandâ€induced androgen receptor activation. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2013, 83, 806-817.	1.5	8
46	Stepwise androgen receptor dimerization. Journal of Cell Science, 2012, 125, 1970-9.	2.0	108
47	The residence time of focal adhesion kinase (FAK) and paxillin at focal adhesions in renal epithelial cells is determined by adhesion size, strength and life cycle status.. Journal of Cell Science, 2012, 125, 4498-506.	2.0	28
48	The Leukemia-Associated Fusion Protein MN1-TEL Blocks TEL-Specific Recognition Sequences. PLoS ONE, 2012, 7, e46085.	2.5	2
49	Nuclear proteins: finding and binding target sites in chromatin. Chromosome Research, 2011, 19, 83-98.	2.2	44
50	A 629RKLKK633 motif in the hinge region controls the androgen receptor at multiple levels. Cellular and Molecular Life Sciences, 2010, 67, 1919-1927.	5.4	43
51	Replication Factor C Recruits DNA Polymerase Î´ to Sites of Nucleotide Excision Repair but Is Not Required for PCNA Recruitment. Molecular and Cellular Biology, 2010, 30, 4828-4839.	2.3	55
52	Chromatin interaction of TATA-binding protein is dynamically regulated in human cells. Journal of Cell Science, 2010, 123, 2663-2671.	2.0	48
53	Assembly of multiprotein complexes that control genome function. Journal of Cell Biology, 2009, 185, 21-26.	5.2	41
54	UV-DDB-dependent regulation of nucleotide excision repair kinetics in living cells. DNA Repair, 2009, 8, 767-776.	2.8	71

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55	FRAP and FRET Methods to Study Nuclear Receptors in Living Cells. Methods in Molecular Biology, 2009, 505, 69-96.	0.9	25
56	Chromatin structure and DNA damage repair. Epigenetics and Chromatin, 2008, 1, 9.	3.9	82
57	Cellular Concentrations of DDB2 Regulate Dynamic Binding of DDB1 at UV-Induced DNA Damage. Molecular and Cellular Biology, 2008, 28, 7402-7413.	2.3	33
58	Versatile DNA damage detection by the global genome nucleotide excision repair protein XPC. Journal of Cell Science, 2008, 121, 2850-2859.	2.0	109
59	Fluorescence Recovery After Photobleaching (FRAP) to Study Nuclear Protein Dynamics in Living Cells. Methods in Molecular Biology, 2008, 464, 363-385.	0.9	64
60	Compartmentalization of androgen receptor proteinâ€“protein interactions in living cells. Journal of Cell Biology, 2007, 177, 63-72.	5.2	139
61	Activation of multiple DNA repair pathways by sub-nuclear damage induction methods. Journal of Cell Science, 2007, 120, 2731-2740.	2.0	157
62	UTF1 is a chromatin-associated protein involved in ES cell differentiation. Journal of Cell Biology, 2007, 178, 913-924.	5.2	80
63	Dynamic in vivo interaction of DDB2 E3 ubiquitin ligase with UV-damaged DNA is independent of damage-recognition protein XPC. Journal of Cell Science, 2007, 120, 2706-2716.	2.0	95
64	Cdt1 associates dynamically with chromatin throughout G1 and recruits Geminin onto chromatin. EMBO Journal, 2007, 26, 1303-1314.	7.8	69
65	DNA damage repair: anytime, anywhere?. Current Opinion in Cell Biology, 2006, 18, 240-246.	5.4	71
66	Analysis of DNA Recombination and Repair Proteins in Living Cells by Photobleaching Microscopy. Methods in Enzymology, 2006, 408, 463-485.	1.0	21
67	Recruitment of the Nucleotide Excision Repair Endonuclease XPG to Sites of UV-Induced DNA Damage Depends on Functional TFIIH. Molecular and Cellular Biology, 2006, 26, 8868-8879.	2.3	88
68	Nuclear Dynamics of PCNA in DNA Replication and Repair. Molecular and Cellular Biology, 2005, 25, 9350-9359.	2.3	361
69	Antiandrogens prevent stable DNA-binding of the androgen receptor. Journal of Cell Science, 2005, 118, 4187-4198.	2.0	98
70	Fluorescence Recovery after Photobleaching: Application to Nuclear Proteins. Advances in Biochemical Engineering/Biotechnology, 2005, 95, 177-199.	1.1	49
71	Mathematical Modeling of Nucleotide Excision Repair Reveals Efficiency of Sequential Assembly Strategies. Molecular Cell, 2005, 19, 679-690.	9.7	60
72	Dynamics of Protein Binding to Telomeres in Living Cells: Implications for Telomere Structure and Function. Molecular and Cellular Biology, 2004, 24, 5587-5594.	2.3	82

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73	DNA damage stabilizes interaction of CSB with the transcription elongation machinery. Journal of Cell Biology, 2004, 166, 27-36.	5.2	126
74	In vivo dynamics of chromatin-associated complex formation in mammalian nucleotide excision repair. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15933-15937.	7.1	64
75	The androgen receptor ligand-binding domain stabilizes DNA binding in living cells. Journal of Structural Biology, 2004, 147, 50-61.	2.8	86
76	Condensed chromatin domains in the mammalian nucleus are accessible to large macromolecules. EMBO Reports, 2003, 4, 861-866.	4.5	109
77	Xeroderma Pigmentosum Group A Protein Loads as a Separate Factor onto DNA Lesions. Molecular and Cellular Biology, 2003, 23, 5755-5767.	2.3	140
78	Rapid Switching of TFIIH between RNA Polymerase I and II Transcription and DNA Repair In Vivo. Molecular Cell, 2002, 10, 1163-1174.	9.7	187
79	The Transcription Cycle In Vivo. Molecular Cell, 2002, 10, 1264-1266.	9.7	16
80	Nuclear dynamics of RAD52 group homologous recombination proteins in response to DNA damage. EMBO Journal, 2002, 21, 2030-2037.	7.8	217
81	Macromolecular dynamics in living cell nuclei revealed by fluorescence redistribution after photobleaching. Histochemistry and Cell Biology, 2001, 115, 13-21.	1.7	148
82	Apoptosis is present in the primate macula at all ages. , 2000, 238, 508-514.		10
83	Cytogenetic clonality analysis of megakaryocytes in myelodysplastic syndrome by dual-color fluorescence in situ hybridization and confocal laser scanning microscopy. Genes Chromosomes and Cancer, 1999, 25, 332-338.	2.8	16
84	Kinetics, localization, and mechanism of 5-aminolevulinic acid-induced porphyrin accumulation in normal and Barrett's-like rat esophagus. , 1999, 24, 3-13.		28
85	Cytogenetic clonality analysis of megakaryocytes in myelodysplastic syndrome by dualâ€color fluorescence in situ hybridization and confocal laser scanning microscopy. Genes Chromosomes and Cancer, 1999, 25, 332-338.	2.8	6
86	Expression and functions of EGF FGF and TGFÎ²-growth-factor family members and their receptors in invasive human transitional-cell-carcinoma cells. International Journal of Cancer, 1997, 71, 284-291.	5.1	37