

# Kyoko Yokomori

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

5,379  
citations

126907

33  
h-index

118850

62  
g-index

80  
all docs

80  
docs citations

80  
times ranked

6745  
citing authors

#	ARTICLE	IF	CITATIONS
1	Meeting report: the 2021 FSHD International Research Congress. <i>Skeletal Muscle</i> , 2022, 12, 1.	4.2	12
2	Heterogeneous Skeletal Muscle Cell and Nucleus Populations Identified by Single-Cell and Single-Nucleus Resolution Transcriptome Assays. <i>Frontiers in Genetics</i> , 2022, 13, .	2.3	14
3	Application of Laser Microirradiation in the Investigations of Cellular Responses to DNA Damage. <i>Frontiers in Physics</i> , 2021, 8, .	2.1	6
4	Relationship of <i>DUX4</i> and target gene expression in FSHD myocytes. <i>Human Mutation</i> , 2021, 42, 421-433.	2.5	9
5	Laser-Induced Nuclear Damage Signaling and Communication in Astrocyte Networks Through Parp-Dependent Calcium Oscillations. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	0
6	Single-nucleus RNA-seq identifies divergent populations of FSHD2 myotube nuclei. <i>PLoS Genetics</i> , 2020, 16, e1008754.	3.5	27
7	Striated myocyte structural integrity: Automated analysis of sarcomeric z-discs. <i>PLoS Computational Biology</i> , 2020, 16, e1007676.	3.2	32
8	DNA damage induced during mitosis undergoes DNA repair synthesis. <i>PLoS ONE</i> , 2020, 15, e0227849.	2.5	20
9	Striated myocyte structural integrity: Automated analysis of sarcomeric z-discs. , 2020, 16, e1007676.		0
10	Striated myocyte structural integrity: Automated analysis of sarcomeric z-discs. , 2020, 16, e1007676.		0
11	Striated myocyte structural integrity: Automated analysis of sarcomeric z-discs. , 2020, 16, e1007676.		0
12	Striated myocyte structural integrity: Automated analysis of sarcomeric z-discs. , 2020, 16, e1007676.		0
13	NAD <sup>+</sup> consumption by PARP1 in response to DNA damage triggers metabolic shift critical for damaged cell survival. <i>Molecular Biology of the Cell</i> , 2019, 30, 2584-2597.	2.1	91
14	Laser Microirradiation to Study <i>In Vivo</i> Cellular Responses to Simple and Complex DNA Damage. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	11
15	Biphasic recruitment of TRF2 to DNA damage sites promotes non-sister chromatid homologous recombination repair. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	12
16	The Use of Laser Microirradiation to Investigate the Roles of Cohesins in DNA Repair. <i>Methods in Molecular Biology</i> , 2017, 1515, 227-242.	0.9	3
17	The effect of Nipped-B-like (Nipbl) haploinsufficiency on genome-wide cohesin binding and target gene expression: modeling Cornelia de Lange syndrome. <i>Clinical Epigenetics</i> , 2017, 9, 89.	4.1	41
18	Single-nucleus RNA-seq of differentiating human myoblasts reveals the extent of fate heterogeneity. <i>Nucleic Acids Research</i> , 2016, 44, gkw739.	14.5	88

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19	Femtosecond near-infrared laser microirradiation reveals a crucial role for PARP signaling on factor assemblies at DNA damage sites. <i>Nucleic Acids Research</i> , 2016, 44, e27-e27.	14.5	25
20	DNA Damage to a Single Chromosome End Delays Anaphase Onset. <i>Journal of Biological Chemistry</i> , 2014, 289, 22771-22784.	3.4	20
21	Distinct Functions of Human Cohesin-SA1 and Cohesin-SA2 in Double-Strand Break Repair. <i>Molecular and Cellular Biology</i> , 2014, 34, 685-698.	2.3	77
22	Mechanisms of cohesin-mediated gene regulation and lessons learned from cohesinopathies. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 191-202.	1.9	49
23	Genetic and Epigenetic Characteristics of FSHD-Associated 4q and 10q D4Z4 that are Distinct from Non-4q/10q D4Z4 Homologs. <i>Human Mutation</i> , 2014, 35, 998-1010.	2.5	42
24	Concerted Activities of Distinct H4K20 Methyltransferases at DNA Double-Strand Breaks Regulate 53BP1 Nucleation and NHEJ-Directed Repair. <i>Cell Reports</i> , 2014, 8, 430-438.	6.4	77
25	Chromatin Dynamics during DNA Repair Revealed by Pair Correlation Analysis of Molecular Flow in the Nucleus. <i>Biophysical Journal</i> , 2014, 107, 55-65.	0.5	29
26	Fluctuation-based imaging of nuclear Rac1 activation by protein oligomerisation. <i>Scientific Reports</i> , 2014, 4, 4219.	3.3	23
27	Nitrosyl-cobinamide (NO-Cbi), a new nitric oxide donor, improves wound healing through cGMP/cGMP-dependent protein kinase. <i>Cellular Signalling</i> , 2013, 25, 2374-2382.	3.6	22
28	Correlation analysis of clinical parameters with epigenetic modifications in the DUX4 promoter in FSHD. <i>Epigenetics</i> , 2012, 7, 579-584.	2.7	48
29	Scc1 sumoylation by Mms21 promotes sister chromatid recombination through counteracting Wapl. <i>Genes and Development</i> , 2012, 26, 1473-1485.	5.9	72
30	Scc1 sumoylation by Mms21 promotes sister chromatid recombination through counteracting Wapl. <i>FASEB Journal</i> , 2012, 26, 539.5.	0.5	0
31	Cohesin: a critical chromatin organizer in mammalian gene regulation. <i>Biochemistry and Cell Biology</i> , 2011, 89, 445-458.	2.0	15
32	Cohesin Mediates Chromatin Interactions That Regulate Mammalian $\beta$ -globin Expression. <i>Journal of Biological Chemistry</i> , 2011, 286, 17870-17878.	3.4	99
33	Condensin I Recruitment to Base Damage-Enriched DNA Lesions Is Modulated by PARP1. <i>PLoS ONE</i> , 2011, 6, e23548.	2.5	30
34	Damage site chromatin: open or closed?. <i>Current Opinion in Cell Biology</i> , 2011, 23, 277-283.	5.4	29
35	AREM: Aligning Short Reads from ChIP-Sequencing by Expectation Maximization. <i>Journal of Computational Biology</i> , 2011, 18, 1495-1505.	1.6	22
36	Dynamic regulation of the PR-Set7 histone methyltransferase is required for normal cell cycle progression. <i>Genes and Development</i> , 2010, 24, 2531-2542.	5.9	112

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37	Analysis of DNA double-strand break response and chromatin structure in mitosis using laser microirradiation. <i>Nucleic Acids Research</i> , 2010, 38, e202-e202.	14.5	39
38	HP1: Heterochromatin binding proteins working the genome. <i>Epigenetics</i> , 2010, 5, 287-292.	2.7	125
39	Epigenomic Studies of Facioscapulohumeral Muscular Dystrophy (FSHD). <i>FASEB Journal</i> , 2010, 24, 713.8.	0.5	0
40	Comparative analysis of different laser systems to study cellular responses to DNA damage in mammalian cells. <i>Nucleic Acids Research</i> , 2009, 37, e68-e68.	14.5	187
41	The annealing helicase HARP is recruited to DNA repair sites via an interaction with RPA. <i>Genes and Development</i> , 2009, 23, 2400-2404.	5.9	121
42	Revisiting the role of heterochromatin protein 1 in DNA repair. <i>Journal of Cell Biology</i> , 2009, 185, 573-575.	5.2	23
43	Cohesin Associates with Spindle Poles in a Mitosis-specific Manner and Functions in Spindle Assembly in Vertebrate Cells. <i>Molecular Biology of the Cell</i> , 2009, 20, 1289-1301.	2.1	38
44	Multiple Organ System Defects and Transcriptional Dysregulation in the <i>Nipbl</i> +/- Mouse, a Model of Cornelia de Lange Syndrome. <i>PLoS Genetics</i> , 2009, 5, e1000650.	3.5	222
45	Specific Loss of Histone H3 Lysine 9 Trimethylation and HP1 <sup>3</sup> /Cohesin Binding at D4Z4 Repeats Is Associated with Facioscapulohumeral Dystrophy (FSHD). <i>PLoS Genetics</i> , 2009, 5, e1000559.	3.5	234
46	Damage-induced reactivation of cohesin in postreplicative DNA repair. <i>BioEssays</i> , 2008, 30, 5-9.	2.5	14
47	Cohesins Functionally Associate with CTCF on Mammalian Chromosome Arms. <i>Cell</i> , 2008, 132, 422-433.	28.9	800
48	Recruitment of DNA damage recognition and repair pathway proteins following near-IR femtosecond laser irradiation of cells. <i>Journal of Biomedical Optics</i> , 2007, 12, 020505.	2.6	20
49	In Situ Analysis of DNA Damage Response and Repair Using Laser Microirradiation. <i>Methods in Cell Biology</i> , 2007, 82, 377-407.	1.1	18
50	Inhibitors of the Proteasome Suppress Homologous DNA Recombination in Mammalian Cells. <i>Cancer Research</i> , 2007, 67, 8536-8543.	0.9	105
51	RAD18 and Poly(ADP-Ribose) Polymerase Independently Suppress the Access of Nonhomologous End Joining to Double-Strand Breaks and Facilitate Homologous Recombination-Mediated Repair. <i>Molecular and Cellular Biology</i> , 2007, 27, 2562-2571.	2.3	70
52	The acetyltransferase activity of San stabilizes the mitotic cohesin at the centromeres in a shugoshin-independent manner. <i>Journal of Cell Biology</i> , 2007, 177, 587-597.	5.2	74
53	Separation of a disulfide-linked phosphoprotein by diagonal SDS-PAGE with optimized gel crosslinking. <i>Analytical Biochemistry</i> , 2007, 370, 252-254.	2.4	4
54	Condensin I Reveals New Insights on Mouse Meiotic Chromosome Structure and Dynamics. <i>PLoS ONE</i> , 2007, 2, e783.	2.5	35

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55	Condensin I Interacts with the PARP-1-XRCC1 Complex and Functions in DNA Single-Strand Break Repair. <i>Molecular Cell</i> , 2006, 21, 837-848.	9.7	121
56	Independent and sequential recruitment of NHEJ and HR factors to DNA damage sites in mammalian cells. <i>Journal of Cell Biology</i> , 2005, 170, 341-347.	5.2	230
57	Isolation and characterization of a novel DNA methyltransferase complex linking DNMT3B with components of the mitotic chromosome condensation machinery. <i>Nucleic Acids Research</i> , 2004, 32, 2716-2729.	14.5	109
58	The alternative Ctf18-Dcc1-Ctf8-replication factor C complex required for sister chromatid cohesion loads proliferating cell nuclear antigen onto DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 10237-10242.	7.1	118
59	Specific Recruitment of Human Cohesin to Laser-induced DNA Damage. <i>Journal of Biological Chemistry</i> , 2002, 277, 45149-45153.	3.4	223
60	Identification of a Chromosome-Targeting Domain in the Human Condensin Subunit CNAP1/hCAP-D2/Eg7. <i>Molecular and Cellular Biology</i> , 2002, 22, 5769-5781.	2.3	49
61	A chromatin remodelling complex that loads cohesin onto human chromosomes. <i>Nature</i> , 2002, 418, 994-998.	27.8	277
62	Localization of human SMC1 protein at kinetochores. <i>Chromosome Research</i> , 2002, 10, 267-277.	2.2	17
63	Differential association of SMC1alpha and SMC3 proteins with meiotic chromosomes in wild-type and SPO11-deficient male mice. <i>Chromosome Research</i> , 2002, 10, 549-560.	2.2	19
64	The structural maintenance of chromosomes (SMC) family of proteins in mammals. , 2001, 9, 85-96.		29
65	A Potential Role for Human Cohesin in Mitotic Spindle Aster Assembly. <i>Journal of Biological Chemistry</i> , 2001, 276, 47575-47582.	3.4	69
66	A Human Condensin Complex Containing hCAP-Câ€“hCAP-E and CNAP1, a Homolog of <i>Xenopus</i> XCAP-D2, Colocalizes with Phosphorylated Histone H3 during the Early Stage of Mitotic Chromosome Condensation. <i>Molecular and Cellular Biology</i> , 2000, 20, 6996-7006.	2.3	109
67	Neuropathogenicity of mouse hepatitis virus JHM isolates differing in hemagglutinin-esterase protein expression. <i>Journal of NeuroVirology</i> , 1995, 1, 330-339.	2.1	25
68	Binding of TAFs to core elements directs promoter selectivity by RNA polymerase II. <i>Cell</i> , 1995, 81, 1115-1125.	28.9	283
69	Assembly of recombinant TFIID reveals differential coactivator requirements for distinct transcriptional activators. <i>Cell</i> , 1994, 79, 93-105.	28.9	396
70	The epigenetics of facioscapulohumeral muscular dystrophy. , 0, , 347-361.		1