

Richard Chahwan

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,758
citations

471509

17
h-index

501196

28
g-index

42
all docs

42
docs citations

42
times ranked

2502
citing authors

#	ARTICLE	IF	CITATIONS
1	Orchestration of the DNA-Damage Response by the RNF8 Ubiquitin Ligase. <i>Science</i> , 2007, 318, 1637-1640.	12.6	800
2	Involvement of Mammalian Mus81 in Genome Integrity and Tumor Suppression. <i>Science</i> , 2004, 304, 1822-1826.	12.6	178
3	Eme1 is involved in DNA damage processing and maintenance of genomic stability in mammalian cells. <i>EMBO Journal</i> , 2003, 22, 6137-6147.	7.8	118
4	The RNF8/RNF168 ubiquitin ligase cascade facilitates class switch recombination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 809-814.	7.1	70
5	Mammalian <i>Exo1</i> encodes both structural and catalytic functions that play distinct roles in essential biological processes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2470-9.	7.1	68
6	Overlapping hotspots in CDRs are critical sites for V region diversification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E728-37.	7.1	62
7	AIDing antibody diversity by error-prone mismatch repair. <i>Seminars in Immunology</i> , 2012, 24, 293-300.	5.6	59
8	Aicardi-Goutieres syndrome: from patients to genes and beyond. <i>Clinical Genetics</i> , 2012, 81, 413-420.	2.0	38
9	The MutS ² complex is a modulator of p53-driven tumorigenesis through its functions in both DNA double-strand break repair and mismatch repair. <i>Oncogene</i> , 2014, 33, 3939-3946.	5.9	37
10	Crosstalk between genetic and epigenetic information through cytosine deamination. <i>Trends in Genetics</i> , 2010, 26, 443-448.	6.7	34
11	APOBECs orchestrate genomic and epigenomic editing across health and disease. <i>Trends in Genetics</i> , 2021, 37, 1028-1043.	6.7	30
12	Dma/RNF8 proteins are evolutionarily conserved E3 ubiquitin ligases that target septins. <i>Cell Cycle</i> , 2013, 12, 1000-1008.	2.6	29
13	Epigenomic Modifications Mediating Antibody Maturation. <i>Frontiers in Immunology</i> , 2018, 9, 355.	4.8	28
14	The ATPase activity of MLH1 is required to orchestrate DNA double-strand breaks and end processing during class switch recombination. <i>Journal of Experimental Medicine</i> , 2012, 209, 671-678.	8.5	25
15	Modelling liver cancer microenvironment using a novel 3D culture system. <i>Scientific Reports</i> , 2022, 12, 8003.	3.3	24
16	Mismatch-mediated error prone repair at the immunoglobulin genes. <i>Biomedicine and Pharmacotherapy</i> , 2011, 65, 529-536.	5.6	23
17	Single Cell Imaging of Nuclear Architecture Changes. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 141.	3.7	20
18	The multidimensional nature of epigenetic information and its role in disease. <i>Discovery Medicine</i> , 2011, 11, 233-43.	0.5	16

#	ARTICLE	IF	CITATIONS
19	ATM targets hnRNPK to control p53. <i>Cell Cycle</i> , 2013, 12, 1162-1162.	2.6	14
20	Extracellular Vesicles Orchestrate Immune and Tumor Interaction Networks. <i>Cancers</i> , 2020, 12, 3696.	3.7	12
21	Isotype switching: Mouse IgG3 constant region drives increased affinity for polysaccharide antigens. <i>Virulence</i> , 2016, 7, 623-626.	4.4	10
22	Serum extracellular vesicles profiling is associated with COVID-19 progression and immune responses. <i>Virulence</i> , 2022, 1, e37.		10
23	A universal fluorescence-based toolkit for real-time quantification of DNA and RNA nuclease activity. <i>Scientific Reports</i> , 2019, 9, 8853.	3.3	9
24	Single Cell Label-Free Probing of Chromatin Dynamics During B Lymphocyte Maturation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 646616.	3.7	9
25	Oxidative stress and inflammation in the development of cardiovascular disease and contrast induced nephropathy. <i>Vessel Plus</i> , 0, 2020, .	0.4	8
26	Predictive and Prognostic Value of Non-Coding RNA in Breast Cancer. <i>Cancers</i> , 2022, 14, 2952.	3.7	8
27	Somatic Hypermutation. <i>Virulence</i> , 2015, , 363-388.		7
28	Integrative OMICS Data-Driven Procedure Using a Derivatized Meta-Analysis Approach. <i>Frontiers in Genetics</i> , 2022, 13, 828786.	2.3	4
29	PCR-Based Detection, Restriction Endonuclease Analysis, and Transcription of tonB in <i>Haemophilus influenzae</i> and <i>Haemophilus parainfluenzae</i> Isolates Obtained from Children Undergoing Tonsillectomy and Adenoidectomy. <i>Vaccine Journal</i> , 2001, 8, 221-224.	2.6	2
30	RNF8 links nucleosomal and cytoskeletal ubiquitylation of higher order protein structures. <i>Cell Cycle</i> , 2013, 12, 1161-1161.	2.6	2
31	of Incongruous Cancer Genomics and Proteomics Datasets. <i>Methods in Molecular Biology</i> , 2021, 2361, 291-305.	0.9	1
32	Error-Prone Mismatch and Base Excision DNA Repair in Somatic Hypermutation. <i>Virulence</i> , 2016, , 126-133.		0
33	Functional Phenotype Flow Cytometry: On Chip Sorting of Individual Cells According to Responses to Stimuli. <i>Advanced Biology</i> , 2021, 5, 2100220.	2.5	0
34	Editorial: Probing the Chromatin Architecture. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 727803.	3.7	0
35	Measuring Real-time DNA/RNA Nuclease Activity through Fluorescence. <i>Bio-protocol</i> , 2021, 11, e4206.	0.4	0
36	DNA-based subtypes and antimicrobial susceptibility profiles of <i>Haemophilus influenzae</i> and <i>Haemophilus parainfluenzae</i> isolated from different tonsillar sites of children undergoing tonsillectomy and/or adenoidectomy. <i>Journal Medical Libanais</i> , 2002, 50, 157-62.	0.0	0