Richard Chahwan

List of Publications by Year
in descending order

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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	Integrative OMICS Data-Driven Procedure Using a Derivatized Meta-Analysis Approach. Frontiers in Genetics, 2022, 13, 828786.	2.3	4
2	Serum extracellular vesicles profiling is associated with COVIDâ€19 progression and immune responses. , 2022, 1, e37.		10
3	Modelling liver cancer microenvironment using a novel 3D culture system. Scientific Reports, 2022, 12, 8003.	3.3	24
4	Predictive and Prognostic Value of Non-Coding RNA in Breast Cancer. Cancers, 2022, 14, 2952.	3.7	8
5	of Incongruous Cancer Genomics and Proteomics Datasets. Methods in Molecular Biology, 2021, 2361, 291-305.	0.9	1
6	Single Cell Label-Free Probing of Chromatin Dynamics During B Lymphocyte Maturation. Frontiers in Cell and Developmental Biology, 2021, 9, 646616.	3.7	9
7	Functional Phenotype Flow Cytometry: On Chip Sorting of Individual Cells According to Responses to Stimuli. Advanced Biology, 2021, 5, 2100220.	2.5	0
8	Editorial: Probing the Chromatin Architecture. Frontiers in Cell and Developmental Biology, 2021, 9, 727803.	3.7	0
9	APOBECs orchestrate genomic and epigenomic editing across health and disease. Trends in Genetics, 2021, 37, 1028-1043.	6.7	30
10	Measuring Real-time DNA/RNA Nuclease Activity through Fluorescence. Bio-protocol, 2021, 11, e4206.	0.4	0
11	Extracellular Vesicles Orchestrate Immune and Tumor Interaction Networks. Cancers, 2020, 12, 3696.	3.7	12
12	Single Cell Imaging of Nuclear Architecture Changes. Frontiers in Cell and Developmental Biology, 2019, 7, 141.	3.7	20
13	A universal fluorescence-based toolkit for real-time quantification of DNA and RNA nuclease activity. Scientific Reports, 2019, 9, 8853.	3.3	9
14	Epigenomic Modifications Mediating Antibody Maturation. Frontiers in Immunology, 2018, 9, 355.	4.8	28
15	Error-Prone Mismatch and Base Excision DNA Repair in Somatic Hypermutation. , 2016, , 126-133.		0
16	Isotype switching: Mouse IgG3 constant region drives increased affinity for polysaccharide antigens. Virulence, 2016, 7, 623-626.	4.4	10
17	Overlapping hotspots in CDRs are critical sites for V region diversification. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E728-37.	7.1	62
18	Somatic Hypermutation. , 2015, , 363-388.		7

#	Article	IF	Citations
19	The MutSÎ² complex is a modulator of p53-driven tumorigenesis through its functions in both DNA double-strand break repair and mismatch repair. Oncogene, 2014, 33, 3939-3946.	5.9	37
20	Dma/RNF8 proteins are evolutionarily conserved E3 ubiquitin ligases that target septins. Cell Cycle, 2013, 12, 1000-1008.	2.6	29
21	ATM targets hnRNPK to control p53. Cell Cycle, 2013, 12, 1162-1162.	2.6	14
22	MammalianExo1encodes both structural and catalytic functions that play distinct roles in essential biological processes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2470-9.	7.1	68
23	RNF8 links nucleosomal and cytoskeletal ubiquitylation of higher order protein structures. Cell Cycle, 2013, 12, 1161-1161.	2.6	2
24	The ATPase activity of MLH1 is required to orchestrate DNA double-strand breaks and end processing during class switch recombination. Journal of Experimental Medicine, 2012, 209, 671-678.	8.5	25
25	AIDing antibody diversity by error-prone mismatch repair. Seminars in Immunology, 2012, 24, 293-300.	5.6	59
26	Aicardiâ€“Goutieres syndrome: from patients to genes and beyond. Clinical Genetics, 2012, 81, 413-420.	2.0	38
27	Mismatch-mediated error prone repair at the immunoglobulin genes. Biomedicine and Pharmacotherapy, 2011, 65, 529-536.	5.6	23
28	The multidimensional nature of epigenetic information and its role in disease. Discovery Medicine, 2011, 11, 233-43.	0.5	16
29	Crosstalk between genetic and epigenetic information through cytosine deamination. Trends in Genetics, 2010, 26, 443-448.	6.7	34
30	The RNF8/RNF168 ubiquitin ligase cascade facilitates class switch recombination. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 809-814.	7.1	70
31	Orchestration of the DNA-Damage Response by the RNF8 Ubiquitin Ligase. Science, 2007, 318, 1637-1640.	12.6	800
32	Involvement of Mammalian Mus81 in Genome Integrity and Tumor Suppression. Science, 2004, 304, 1822-1826.	12.6	178
33	Eme1 is involved in DNA damage processing and maintenance of genomic stability in mammalian cells. EMBO Journal, 2003, 22, 6137-6147.	7.8	118
34	DNA-based subtypes and antimicrobial susceptibility profiles of Haemophilus influenzae and Haemophilus parainfluenzae isolated from different tonsillar sites of children undergoing tonsillectomy and/or adenoidectomy. Journal Medical Libanais, 2002, 50, 157-62.	0.0	0
35	PCR-Based Detection, Restriction Endonuclease Analysis, and Transcription of tonB in Haemophilus influenzae and Haemophilus parainfluenzae Isolates Obtained from Children Undergoing Tonsillectomy and Adenoidectomy. Vaccine Journal, 2001, 8, 221-224.	2.6	2
36	Oxidative stress and inflammation in the development of cardiovascular disease and contrast induced nephropathy. Vessel Plus, 0, 2020, .	0.4	8