Karen M Lower

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8232629/publications.pdf

Version: 2024-02-01

32 papers	1,500 citations	623734 14 h-index	454955 30 g-index
32 all docs	32 docs citations	32 times ranked	2767 citing authors

#	Article	IF	Citations
1	Mutations in the human ortholog of Aristaless cause X-linked mental retardation and epilepsy. Nature Genetics, 2002, 30, 441-445.	21.4	396
2	ATR-X Syndrome Protein Targets Tandem Repeats and Influences Allele-Specific Expression in a Size-Dependent Manner. Cell, 2010, 143, 367-378.	28.9	365
3	Mutations in PHF6 are associated with BÃ¶rjesonâ€“ForssmanÂâ€“Lehmann syndrome. Nature Genetics, 2002, 32, 661-665.	21.4	192
4	Adventitious changes in long-range gene expression caused by polymorphic structural variation and promoter competition. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21771-21776.	7.1	77
5	Mutations in KrÃ¼ppel-like factor 1 cause transfusion-dependent hemolytic anemia and persistence of embryonic globin gene expression. Blood, 2014, 123, 1586-1595.	1.4	76
6	Generation of bivalent chromatin domains during cell fate decisions. Epigenetics and Chromatin, 2011, 4, 9.	3.9	54
7	The role of the polycomb complex in silencing Î±-globin gene expression in nonerythroid cells. Blood, 2008, 112, 3889-3899.	1.4	51
8	Characterization and Screening for Mutations of the Growth Arrest-Specific 11 (GAS11) andC16orf3Genes at 16q24.3 in Breast Cancer. Genomics, 1998, 52, 325-331.	2.9	47
9	Construction of a High-Resolution Physical and Transcription Map of Chromosome 16q24.3: A Region of Frequent Loss of Heterozygosity in Sporadic Breast Cancer. Genomics, 1998, 50, 1-8.	2.9	28
10	The Combination of Metformin and Valproic Acid Induces Synergistic Apoptosis in the Presence of p53 and Androgen Signaling in Prostate Cancer. Molecular Cancer Therapeutics, 2017, 16, 2689-2700.	4.1	26
11	1024C>T (R342X) is a recurrent PHF6 mutation also found in the original BÃ¶rjesonâ€“Forssmanâ€“Lehmann syndrome family. European Journal of Human Genetics, 2004, 12, 787-789.	2.8	24
12	Novel missense mutation in the bZIP transcription factor, MAF, associated with congenital cataract, developmental delay, seizures and hearing loss (AymÃ©-Gripp syndrome). BMC Medical Genetics, 2017, 18, 52.	2.1	21
13	High-Throughput Genetic Screening of 51 Pediatric Cataract Genes Identifies Causative Mutations in Inherited Pediatric Cataract in South Eastern Australia. G3: Genes, Genomes, Genetics, 2017, 7, 3257-3268.	1.8	20
14	Recurrent mutation in the crystallin alpha A gene associated with inherited paediatric cataract. BMC Research Notes, 2016, 9, 83.	1.4	15
15	Identification of novel mutations causing pediatric cataract in Bhutan, Cambodia, and Sri Lanka. Molecular Genetics & Genomic Medicine, 2018, 6, 555-564.	1.2	15
16	Altered expression of metabolic pathways in <scp>CLL</scp> detected by unlabelled quantitative mass spectrometry analysis. British Journal of Haematology, 2019, 185, 65-78.	2.5	14
17	High-resolution analysis of cis -acting regulatory networks at the Î±-globin locus. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120361.	4.0	12
18	Partial duplication of the CRYBB1-CRYBA4 locus is associated with autosomal dominant congenital cataract. European Journal of Human Genetics, 2017, 25, 711-718.	2.8	12

#	Article	IF	Citations
19	The Combination of Metformin and Valproic Acid Has a Greater Anti-tumoral Effect on Prostate Cancer Growth In Vivo than Either Drug Alone. In Vivo, 2019, 33, 99-108.	1.3	11
20	Analysis of Sequence Variation Underlying Tissue-specific Transcription Factor Binding and Gene Expression. Human Mutation, 2013, 34, 1140-1148.	2.5	10
21	Characterization ofARHGEF6, a guanine nucleotide exchange factor for Rho GTPases and a candidate gene for X-linked mental retardation: Mutation screening in Bï¿½rjeson-Forssman-Lehmann syndrome and MRX27. American Journal of Medical Genetics Part A, 2001, 100, 43-48.	2.4	8
22	From genome to proteome: Looking beyond DNA and RNA in chronic lymphocytic leukemia. Journal of Proteomics, 2017, 155, 73-84.	2.4	6
23	Differential Telomere Shortening in Blood versus Arteries in an Animal Model of Type 2 Diabetes. Journal of Diabetes Research, 2015, 2015, 1-9.	2.3	5
24	Lipid uptake in chronic lymphocytic leukemia. Experimental Hematology, 2022, 106, 58-67.	0.4	5
25	Aberrant determination of phenotypic markers in chronic lymphocytic leukemia (CLL) lymphocytes after cryopreservation. Experimental Hematology, 2018, 63, 28-32.e1.	0.4	3
26	Insight into del17p lowâ€frequency subclones in chronic lymphocytic leukaemia (CLL): data from the Australasian Leukaemia and Lymphoma Group (ALLG)/CLL Australian Research Consortium (CLLARC) CLL5 trial. British Journal of Haematology, 2021, 193, 556-560.	2.5	2
27	Chronic Lymphocytic Leukaemia Relies on Lipid Scavenging and Synthesis As an Energy Source. Blood, 2018, 132, 3117-3117.	1.4	2
28	Development of locus specific subâ€clone separation by fluorescence in situ hybridization in suspension in chronic lymphocytic leukemia. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 1088-1095.	1.5	1
29	Trisomy 12 assessment by conventional fluorescence in-situ hybridization (FISH), FISH in suspension (FISH-IS) and laser scanning cytometry (LSC) in chronic lymphocytic leukemia. Cancer Genetics, 2017, 216-217, 142-149.	0.4	1
30	A biclonal case of chronic lymphocytic leukaemia with discordant mutational status of the immunoglobulin heavy chain variable region and bimodal CD49d expression. British Journal of Haematology, 2021, 192, e77-e81.	2.5	1
31	Discovering Regulatory SNPs by Genome-Wide Analysis of Differential Scl/TAL-1 Occupancy in Human Primary Erythroid Cells,. Blood, 2011, 118, 3381-3381.	1.4	0
32	Somatic MDC1 Mutation in Putative Pre-Leukaemic Stem Cell of a Biclonal Case of Chronic Lymphocytic Leukaemia. Blood, 2018, 132, 5534-5534.	1.4	0