Ryan N Doan

List of Publications by Year
in descending order

24 papers	1,590 citations	623734 14 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	3547 citing authors

#	Article	IF	Citations
1	Rates and Patterns of Clonal Oncogenic Mutations in the Normal Human Brain. Cancer Discovery, 2022, 12, 172-185.	9.4	19
2	The landscape of somatic mutation in cerebral cortex of autistic and neurotypical individuals revealed by ultra-deep whole-genome sequencing. Nature Neuroscience, 2021, 24, 176-185.	14.8	73
3	MIPP-Seq: ultra-sensitive rapid detection and validation of low-frequency mosaic mutations. BMC Medical Genomics, 2021, 14, 47.	1.5	12
4	Landmarks of human embryonic development inscribed in somatic mutations. Science, 2021, 371, 1249-1253.	12.6	65
5	Comprehensive identification of somatic nucleotide variants in human brain tissue. Genome Biology, 2021, 22, 92.	8.8	26
6	Toward a better definition of focal cortical dysplasia: An iterative histopathological and genetic agreement trial. Epilepsia, 2021, 62, 1416-1428.	5.1	54
7	Rewiring of human neurodevelopmental gene regulatory programs by human accelerated regions. Neuron, 2021, 109, 3239-3251.e7.	8.1	91
8	Pathologic characterization of canine multiple system degeneration in the Ibizan hound. Veterinary Pathology, 2021, , 030098582110430.	1.7	1
9	Accurate detection of mosaic variants in sequencing data without matched controls. Nature Biotechnology, 2020, 38, 314-319.	17.5	54
10	Polymicrogyria is Associated With Pathogenic Variants in PTEN. Annals of Neurology, 2020, 88, 1153-1164.	5.3	14
11	Homozygous deletions implicate non-coding epigenetic marks in Autism spectrum disorder. Scientific Reports, 2020, 10, 14045.	3.3	12
12	Recessive gene disruptions in autism spectrum disorder. Nature Genetics, 2019, 51, 1092-1098.	21.4	109
13	Identification of a Candidate Mutation in the COL1A2 Gene of a Chow Chow With Osteogenesis Imperfecta. Journal of Heredity, 2018, 109, 308-314.	2.4	13
14	Postnatal changes in epigenetic modifications of neutrophils of foals are associated with increased ROS function and regulation of neutrophil function. Developmental and Comparative Immunology, 2018, 87, 182-187.	2.3	6
15	Evolutionary Changes in Transcriptional Regulation: Insights into Human Behavior and Neurological Conditions. Annual Review of Neuroscience, 2018, 41, 185-206.	10.7	18
16	Sodium Channel SCN3A (NaV1.3) Regulation of Human Cerebral Cortical Folding and Oral Motor Development. Neuron, 2018, 99, 905-913.e7.	8.1	109
17	Co-segregation of sex chromosomes in the male black widow spider Latrodectus mactans (Araneae,) Tj ETQq1 1 0.784314 rgBT /Over	2.2	3
18	Identification of a novel CNTNAP1 mutation causing arthrogryposis multiplex congenita with cerebral and cerebellar atrophy. European Journal of Medical Genetics, 2017, 60, 245-249.	1.3	20

#	Article	IF	Citations
19	Cell-Type-Specific Alternative Splicing Governs Cell Fate in the Developing Cerebral Cortex. Cell, 2016, 166, 1147-1162.e15.	28.9	276
20	Mutations in Human Accelerated Regions Disrupt Cognition and Social Behavior. Cell, 2016, 167, 341-354.e12.	28.9	280
21	Nutritional programming of accelerated puberty in heifers: alterations in DNA methylation in the arcuate nucleus^{<xref ref-type="fn" rid="afn1">â€</xref>,<xref ref-type="fn" rid="afn2">â€¡</xref>}. Biology of Reproduction, 2016, 96, 174-184.	2.7	14
22	Single-cell analysis reveals transcriptional heterogeneity of neural progenitors in human cortex. Nature Neuroscience, 2015, 18, 637-646.	14.8	247
23	Identification of Genomic Loci Associated with Rhodococcus equi Susceptibility in Foals. PLoS ONE, 2014, 9, e98710.	2.5	11
24	Identification of copy number variants in horses. Genome Research, 2012, 22, 899-907.	5.5	49