

Shiva M Singh

List of Publications by Year in descending order

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77
papers

2,204
citations

201674

27
h-index

254184

43
g-index

78
all docs

78
docs citations

78
times ranked

2757
citing authors

#	ARTICLE	IF	CITATIONS
1	Associations Between Children's Telomere Length, Parental Intrusiveness, and the Development of Early Externalizing Behaviors. <i>Child Psychiatry and Human Development</i> , 2023, 54, 672-682.	1.9	3
2	Origin of Sex-Biased Mental Disorders: An Evolutionary Perspective. <i>Journal of Molecular Evolution</i> , 2021, 89, 195-213.	1.8	6
3	Epigenetic Impacts of Early Life Stress in Fetal Alcohol Spectrum Disorders Shape the Neurodevelopmental Continuum. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 671891.	2.9	7
4	Postzygotic Somatic Mutations in the Human Brain Expand the Threshold-Liability Model of Schizophrenia. <i>Frontiers in Psychiatry</i> , 2020, 11, 587162.	2.6	9
5	Hippocampal transcriptome analysis following maternal separation implicates altered RNA processing in a mouse model of fetal alcohol spectrum disorder. <i>Journal of Neurodevelopmental Disorders</i> , 2020, 12, 15.	3.1	8
6	Hippocampal DNA Methylation in a Mouse Model of Fetal Alcohol Spectrum Disorder That Includes Maternal Separation Stress Only Partially Explains Changes in Gene Expression. <i>Frontiers in Genetics</i> , 2020, 11, 70.	2.3	12
7	Maternal Separation Stress in Fetal Alcohol Spectrum Disorders: A Case of Double Whammy. , 2019, , 325-333.		0
8	Coordinated Tcf7l2 regulation in a mouse model implicates Wnt signaling in fetal alcohol spectrum disorders. <i>Biochemistry and Cell Biology</i> , 2019, 97, 375-379.	2.0	5
9	ATP2A2 rs3026468 does not associate with quadriceps contractile properties and acute muscle potentiation in humans. <i>Physiological Genomics</i> , 2019, 51, 10-11.	2.3	1
10	Child sex moderates the relationship between cortisol stress reactivity and symptoms over time. <i>Comprehensive Psychiatry</i> , 2018, 87, 161-170.	3.1	8
11	Long-term alterations to DNA methylation as a biomarker of prenatal alcohol exposure: From mouse models to human children with fetal alcohol spectrum disorders. <i>Alcohol</i> , 2017, 60, 67-75.	1.7	44
12	Changes to histone modifications following prenatal alcohol exposure: An emerging picture. <i>Alcohol</i> , 2017, 60, 41-52.	1.7	41
13	Gene Network Construction from Microarray Data Identifies a Key Network Module and Several Candidate Hub Genes in Age-Associated Spatial Learning Impairment. <i>Frontiers in Systems Neuroscience</i> , 2017, 11, 75.	2.5	13
14	Human COL5A1 polymorphisms and quadriceps muscle tendon mechanical stiffness in vivo. <i>Experimental Physiology</i> , 2016, 101, 1581-1592.	2.0	10
15	Developmental and behavioral consequences of early life maternal separation stress in a mouse model of fetal alcohol spectrum disorder. <i>Behavioural Brain Research</i> , 2016, 308, 94-103.	2.2	24
16	Alteration of Gene Expression, DNA Methylation, and Histone Methylation in Free Radical Scavenging Networks in Adult Mouse Hippocampus following Fetal Alcohol Exposure. <i>PLoS ONE</i> , 2016, 11, e0154836.	2.5	51
17	Olanzapine-induced DNA methylation in the hippocampus and cerebellum in genes mapped to human 22q11 and implicated in schizophrenia. <i>Psychiatric Genetics</i> , 2015, 25, 88-94.	1.1	9
18	DNA methylation in psychosis: insights into etiology and treatment. <i>Epigenomics</i> , 2015, 7, 67-74.	2.1	17

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19	Associative DNA methylation changes in children with prenatal alcohol exposure. <i>Epigenomics</i> , 2015, 7, 1259-1274.	2.1	93
20	Strategies for precision modulation of gene expression by epigenome editing: an overview. <i>Epigenetics and Chromatin</i> , 2015, 8, 34.	3.9	50
21	DNA methylation differences in monozygotic twin pairs discordant for schizophrenia identifies psychosis related genes and networks. <i>BMC Medical Genomics</i> , 2015, 8, 17.	1.5	47
22	Insights into the origin of DNA methylation differences between monozygotic twins discordant for schizophrenia. <i>Journal of Molecular Psychiatry</i> , 2015, 3, 7.	2.0	9
23	Fetal alcohol and the right to be born healthy. <i>Frontiers in Genetics</i> , 2014, 5, 356.	2.3	4
24	Exploring the Complexity of Intellectual Disability in Fetal Alcohol Spectrum Disorders. <i>Frontiers in Pediatrics</i> , 2014, 2, 90.	1.9	36
25	Long-term genomic and epigenomic dysregulation as a consequence of prenatal alcohol exposure: a model for fetal alcohol spectrum disorders. <i>Frontiers in Genetics</i> , 2014, 5, 161.	2.3	57
26	Links between white matter microstructure and cortisol reactivity to stress in early childhood: Evidence for moderation by parenting. <i>NeuroImage: Clinical</i> , 2014, 6, 77-85.	2.7	35
27	Copy Number Variation Distribution in Six Monozygotic Twin Pairs Discordant for Schizophrenia. <i>Twin Research and Human Genetics</i> , 2014, 17, 108-120.	0.6	34
28	Molecular Changes during Neurodevelopment following Second-Trimester Binge Ethanol Exposure in a Mouse Model of Fetal Alcohol Spectrum Disorder: From Immediate Effects to Long-Term Adaptation. <i>Developmental Neuroscience</i> , 2014, 36, 29-43.	2.0	32
29	Olanzapine-induced methylation alters cadherin gene families and associated pathways implicated in psychosis. <i>BMC Neuroscience</i> , 2014, 15, 112.	1.9	23
30	The effects of olanzapine on genome-wide DNA methylation in the hippocampus and cerebellum. <i>Clinical Epigenetics</i> , 2014, 6, 1.	4.1	62
31	Biological relevance of CNV calling methods using familial relatedness including monozygotic twins. <i>BMC Bioinformatics</i> , 2014, 15, 114.	2.6	25
32	Third Trimester-Equivalent Ethanol Exposure Is Characterized by an Acute Cellular Stress Response and an Ontogenetic Disruption of Genes Critical for Synaptic Establishment and Function in Mice. <i>Developmental Neuroscience</i> , 2014, 36, 499-519.	2.0	19
33	Monozygotic twins with early-onset schizophrenia and late-onset bipolar disorder: a case report. <i>Journal of Medical Case Reports</i> , 2013, 7, 134.	0.8	5
34	Neurodevelopmental alcohol exposure elicits long-term changes to gene expression that alter distinct molecular pathways dependent on timing of exposure. <i>Journal of Neurodevelopmental Disorders</i> , 2013, 5, 6.	3.1	66
35	Reduced expression of brain cannabinoid receptor 1 (Cnr1) is coupled with an increased complementary micro-RNA (miR-26b) in a mouse model of fetal alcohol spectrum disorders. <i>Clinical Epigenetics</i> , 2013, 5, 14.	4.1	32
36	Olanzapine induced DNA methylation changes support the dopamine hypothesis of psychosis. <i>Journal of Molecular Psychiatry</i> , 2013, 1, 19.	2.0	40

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37	Search for missing schizophrenia genes will require a new developmental neurogenomic perspective. <i>Journal of Genetics</i> , 2013, 92, 335-340.	0.7	1
38	Long-lasting alterations to DNA methylation and ncRNAs could underlie the effects of fetal alcohol exposure in mice. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 977-92.	2.4	113
39	Neurodevelopmental epigenetic etiologies: insights from studies on mouse models of fetal alcohol spectrum disorders. <i>Epigenomics</i> , 2013, 5, 465-468.	2.1	7
40	A novel deletion cluster at 13q14.2-q21.33 in an 80-year man with late onset leukemia: Clinical and molecular findings. <i>Indian Journal of Human Genetics</i> , 2013, 19, 96.	0.7	1
41	Hippocampal Gene Expression Meta-Analysis Identifies Aging and Age-Associated Spatial Learning Impairment (ASLI) Genes and Pathways. <i>PLoS ONE</i> , 2013, 8, e69768.	2.5	20
42	Neurodevelopmental Timing of Ethanol Exposure May Contribute to Observed Heterogeneity of Behavioral Deficits in a Mouse Model of Fetal Alcohol Spectrum Disorder (FASD). <i>Journal of Behavioral and Brain Science</i> , 2013, 03, 85-99.	0.5	23
43	A Macro Role for Imprinted Clusters of MicroRNAs in the Brain. <i>MicroRNA (Sharqah, United Arab)</i> Tj ETQq1 1 0.784314 rgBT /Overloc 1.2 10		
44	Long-term alterations to the brain transcriptome in a maternal voluntary consumption model of fetal alcohol spectrum disorders. <i>Brain Research</i> , 2012, 1458, 18-33.	2.2	52
45	Maternal voluntary drinking in C57BL/6J mice: Advancing a model for fetal alcohol spectrum disorders. <i>Behavioural Brain Research</i> , 2011, 223, 376-387.	2.2	75
46	Ontogenetic De Novo Copy Number Variations (CNVs) as a Source of Genetic Individuality: Studies on Two Families with MZD Twins for Schizophrenia. <i>PLoS ONE</i> , 2011, 6, e17125.	2.5	67
47	Delineation of the Role of Nicotinic Acetylcholine Receptor Genes in Alcohol Preference in Mice. <i>Behavior Genetics</i> , 2010, 40, 660-671.	2.1	10
48	Autism meets schizophrenia via cadherin pathway. <i>Schizophrenia Research</i> , 2010, 116, 293-294.	2.0	21
49	Metabolomics in Drug Response and Addiction. , 2010, , 237-253.		0
50	Studies on Syntaxin 12 and Alcohol Preference Involving C57BL/6J and DBA/2J Strains of Mice. <i>Behavior Genetics</i> , 2009, 39, 183-191.	2.1	11
51	Copy number variation showers in schizophrenia: an emerging hypothesis. <i>Molecular Psychiatry</i> , 2009, 14, 356-358.	7.9	15
52	Role of Potassium Channel Gene <i>Kcnj10</i> in Ethanol Preference in C57bl/6J and DBA/2J Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 394-399.	2.4	7
53	Ethanol-Responsive Genes (<i>Crtam</i> , <i>Zbtb16</i> , and <i>Mobp</i>) Located in the Alcohol-QTL Region of Chromosome 9 Are Associated With Alcohol Preference in Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 1409-1416.	2.4	13
54	(Epi)genomics and neurodevelopment in schizophrenia: monozygotic twins discordant for schizophrenia augment the search for disease-related (epi)genomic alterationsBased on a lecture during the joint meeting of the Genetics Society of Canada and the Society of Developmental Biology, 1 March 2008, at Banff Centre, Banff, Alberta, Canada, in recognition of the William F. Grant and Peter B. Moens Award of Excellence (2008) of the Genetics Society of Canada to Professor Shiva M. Singh.. <i>Genome</i> , 2009, 52, 8-19.	2.0	21

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55	Divergence of the vertebrate sp1A/ryanodine receptor domain and SOCS box-containing (Spsb) gene family and its expression and regulation within the mouse brain. <i>Genomics</i> , 2009, 93, 358-366.	2.9	13
56	DNA methylation and mRNA expression of SYN III, a candidate gene for schizophrenia. <i>BMC Medical Genetics</i> , 2008, 9, 115.	2.1	19
57	Analysis of behavior using genetical genomics in mice as a model: from alcohol preferences to gene expression differences. <i>Genome</i> , 2007, 50, 877-897.	2.0	21
58	Analysis of Metallothionein Brain Gene Expression in Relation to Ethanol Preference in Mice Using Cosegregation and Gene Knockouts. <i>Alcoholism: Clinical and Experimental Research</i> , 2006, 30, 15-25.	2.4	6
59	cis-Regulatory sequences of the genes involved in apoptosis, cell growth, and proliferation may provide a target for some of the effects of acute ethanol exposure. <i>Brain Research</i> , 2006, 1088, 31-44.	2.2	7
60	Site-specific cytosine methylation in S-COMT promoter in 31 brain regions with implications for studies involving schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2005, 133B, 37-42.	1.7	90
61	Towards Unraveling Ethanol-specific Neuro-metabolomics Based on Ethanol Responsive Genes In vivo. <i>Neurochemical Research</i> , 2005, 30, 1179-1190.	3.3	7
62	Incidental neurodevelopmental episodes in the etiology of schizophrenia: An expanded model involving epigenetics and development. <i>Clinical Genetics</i> , 2004, 65, 435-440.	2.0	50
63	Genetic Segregation of Brain Gene Expression Identifies Retinaldehyde Binding Protein 1 and Syntaxin 12 as Potential Contributors to Ethanol Preference in Mice. <i>Behavior Genetics</i> , 2004, 34, 425-439.	2.1	24
64	Microarray Analysis of Mouse Brain Gene Expression Following Acute Ethanol Treatment. <i>Neurochemical Research</i> , 2004, 29, 357-369.	3.3	85
65	Involvement of gene-diet/drug interaction in DNA methylation and its contribution to complex diseases: from cancer to schizophrenia. <i>Clinical Genetics</i> , 2003, 64, 451-460.	2.0	86
66	Strain-Specific Brain Metallothionein II (MT-II) Gene Expression, Its Ethanol Responsiveness, and Association With Ethanol Preference in Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2003, 27, 388-395.	2.4	15
67	Epigenetic contributors to the discordance of monozygotic twins. <i>Clinical Genetics</i> , 2002, 62, 97-103.	2.0	108
68	Molecular characterization of a 2.7-kb, 12q13-specific, retroviral-related sequence isolated by RDA from monozygotic twin pairs discordant for schizophrenia. <i>Genome</i> , 2002, 45, 381-390.	2.0	19
69	Genetics and differential expression of NADH:ubiquinone oxidoreductase B8 subunit in brains of genetic strains of mice differing in voluntary alcohol consumption. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1579, 164-172.	2.4	5
70	Examination of ethanol responsive liver and brain specific gene expression, in the mouse strains with variable ethanol preferences, using cDNA expression arrays. <i>Biochemical Genetics</i> , 2002, 40, 395-410.	1.7	26
71	Molecular Characterization of a MSRV-like Sequence Identified by RDA from Monozygotic Twin Pairs Discordant for Schizophrenia. <i>Genomics</i> , 1999, 61, 133-144.	2.9	61
72	Genetic regulation of gene-specific mRNA by ethanol in vivo and its possible role in ethanol preference in a cross with RI lines in mice. <i>Biochemical Genetics</i> , 1996, 34, 219-238.	1.7	6

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73	Retroviruses and schizophrenia revisited. , 1996, 67, 19-24.		36
74	Site and sequence specific DNA methylation in the neurofibromatosis (NF1) gene includes C5839T: the site of the recurrent substitution mutation in exon 31. Human Molecular Genetics, 1996, 5, 503-507.	2.9	33
75	Genetic regulation of gene-specific mRNA by ethanolin vivo and its possible role in ethanol preference in a cross with RI lines in mice. Biochemical Genetics, 1996, 34, 219-238.	1.7	3
76	Temporal expression of genes encoding free radicalâ€“metabolizing enzymes is associated with higher mRNA levels during in utero development in mice. Genesis, 1990, 11, 149-159.	2.1	67
77	Regulation of catalase-specific mRNA and its processing during development in mice. Genesis, 1989, 10, 339-344.	2.1	9