Mary C Whitman

List of Publications by Year
in descending order

39 papers	2,086 citations	430874 18 h-index	477307 29 g-index
39 all docs	39 docs citations	39 times ranked	3187 citing authors

#	Article	IF	Citations
1	Dynamic Contribution of Nestin-Expressing Stem Cells to Adult Neurogenesis. Journal of Neuroscience, 2007, 27, 12623-12629.	3.6	443
2	Adult neurogenesis and the olfactory system. Progress in Neurobiology, 2009, 89, 162-175.	5.7	276
3	Disulfide bond-mediated dimerization of HLA-G on the cell surface. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 16180-16185.	7.1	208
4	Blood vessels form a migratory scaffold in the rostral migratory stream. Journal of Comparative Neurology, 2009, 516, 94-104.	1.6	157
5	Synaptic Integration of Adult-Generated Olfactory Bulb Granule Cells: Basal Axodendritic Centrifugal Input Precedes Apical Dendrodendritic Local Circuits. Journal of Neuroscience, 2007, 27, 9951-9961.	3.6	142
6	Principles of Glomerular Organization in the Human Olfactory Bulb â€“ Implications for Odor Processing. PLoS ONE, 2008, 3, e2640.	2.5	129
7	Neuronal-Specific TUBB3 Is Not Required for Normal Neuronal Function but Is Essential for Timely Axon Regeneration. Cell Reports, 2018, 24, 1865-1879.e9.	6.4	101
8	Adult-generated neurons exhibit diverse developmental fates. Developmental Neurobiology, 2007, 67, 1079-1093.	3.0	81
9	Binding of the Natural Killer Cell Inhibitory Receptor Ly49A to Its Major Histocompatibility Complex Class I Ligand. Journal of Biological Chemistry, 2002, 277, 1433-1442.	3.4	65
10	Ocular congenital cranial dysinnervation disorders (CCDDs): insights into axon growth and guidance. Human Molecular Genetics, 2017, 26, R37-R44.	2.9	59
11	Complications of Pediatric Cataract Surgery. Seminars in Ophthalmology, 2014, 29, 414-420.	1.6	55
12	Two unique TUBB3 mutations cause both CFEOM3 and malformations of cortical development. American Journal of Medical Genetics, Part A, 2016, 170, 297-305.	1.2	51
13	Short Tag Noose Technique for Optional and Late Suture Adjustment in Strabismus Surgery. JAMA Ophthalmology, 2009, 127, 1584.	2.4	48
14	ICAM-1 co-stimulation has differential effects on the activation of CD4+ and CD8+ T cells. European Journal of Immunology, 1999, 29, 809-814.	2.9	32
15	A unique subpopulation of Tbr1-expressing deep layer neurons in the developing cerebral cortex. Molecular and Cellular Neurosciences, 2006, 32, 200-214.	2.2	32
16	A unique subpopulation of Tbr1-expressing deep layer neurons in the developing cerebral cortex. Molecular and Cellular Neurosciences, 2005, 30, 538-551.	2.2	26
17	Kinetics and Thermodynamics of Î²2-Microglobulin Binding to the Î±3 Domain of Major Histocompatibility Complex Class I Heavy Chainâ€. Biochemistry, 2001, 40, 5233-5242.	2.5	21
18	Genome-Wide Association Study Identifies a Susceptibility Locus for Comitant Esotropia and Suggests a Parent-of-Origin Effect. , 2018, 59, 4054.		21

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19	Bifocals Fail to Improve Stereopsis Outcomes in High AC/A Accommodative Esotropia. Ophthalmology, 2016, 123, 690-696.	5.2	20
20	Loss of CXCR4/CXCL12 Signaling Causes Oculomotor Nerve Misrouting and Development of Motor Trigeminal to Oculomotor Synkinesis. , 2018, 59, 5201.		14
21	Novel variants in TUBA1A cause congenital fibrosis of the extraocular muscles with or without malformations of cortical brain development. European Journal of Human Genetics, 2021, 29, 816-826.	2.8	13
22	TUBB3 Arg262His causes a recognizable syndrome including CFEOM3, facial palsy, joint contractures, and early-onset peripheral neuropathy. Human Genetics, 2021, 140, 1709-1731.	3.8	13
23	Ocular Motor Nerve Development in the Presence and Absence of Extraocular Muscle. , 2017, 58, 2388-2396.		12
24	Etv1 Controls the Establishment of Non-overlapping Motor Innervation of Neighboring Facial Muscles during Development. Cell Reports, 2019, 29, 437-452.e4.	6.4	11
25	The isolated major histocompatibility complex class I Î±3 domain binds Î²2m and CD8Î±Î± dimers. Molecular Immunology, 2000, 37, 141-149.	2.2	10
26	Axonal Growth Abnormalities Underlying Ocular Cranial Nerve Disorders. Annual Review of Vision Science, 2021, 7, 827-850.	4.4	9
27	Decreased ACKR3 (CXCR7) function causes oculomotor synkinesis in mice and humans. Human Molecular Genetics, 2019, 28, 3113-3125.	2.9	8
28	Recurrent Rare Copy Number Variants Increase Risk for Esotropia. , 2020, 61, 22.		8
29	Survey of practice patterns for the management of ophthalmic genetic disorders among AAPOS members: report by the AAPOS Genetic Eye Disease Task Force. Journal of AAPOS, 2019, 23, 226-228.e1.	0.3	6
30	A Case of Lower Extremity Venous Thrombosis in the Pediatric Emergency Department. Pediatric Emergency Care, 2011, 27, 125-128.	0.9	5
31	Ex Vivo Oculomotor Slice Culture from Embryonic GFP-Expressing Mice for Time-Lapse Imaging of Oculomotor Nerve Outgrowth. Journal of Visualized Experiments, 2019, , .	0.3	4
32	Isolation and Culture of Oculomotor, Trochlear, and Spinal Motor Neurons from Prenatal Isl^{mn}:GFP Transgenic Mice. Journal of Visualized Experiments, 2019, , .	0.3	3
33	RETINAL VASCULATURE REMODELING IN A CASE OF SYSTEMIC LUPUS ERYTHEMATOSUS VASO-OCCLUSIVE RETINOPATHY. Retinal Cases and Brief Reports, 2014, 8, 77-82.	0.6	1
34	Genetics of Strabismus. , 2020, , 1-20.		1
35	Genetics of Strabismus. , 2022, , 6887-6905.		1
36	Dent in the Forehead: A Rare Manifestation of Metastatic Cancer. JAMA Ophthalmology, 2012, 130, 1349.	2.4	0

#	Article	IF	Citations
37	Reply. Ophthalmology, 2017, 124, e11.	5.2	0
38	Ocular injury via epinephrine auto-injector. Journal of AAPOS, 2020, 24, 179-181.	0.3	0
39	First Visit Characteristics Associated with Future Surgery in Intermittent Exotropia.. Journal of Binocular Vision and Ocular Motility, 2022, , 1-7.	0.5	0