

# Mary C Whitman

## List of Publications by Year in descending order

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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	First Visit Characteristics Associated with Future Surgery in Intermittent Exotropia.. Journal of Binocular Vision and Ocular Motility, 2022, , 1-7.	0.5	0
2	Genetics of Strabismus. , 2022, , 6887-6905.		1
3	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
4	Axonal Growth Abnormalities Underlying Ocular Cranial Nerve Disorders. Annual Review of Vision Science, 2021, 7, 827-850.	4.4	9
5	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
6	Recurrent Rare Copy Number Variants Increase Risk for Esotropia. , 2020, 61, 22.		8
7	Ocular injury via epinephrine auto-injector. Journal of AAPOS, 2020, 24, 179-181.	0.3	0
8	Genetics of Strabismus. , 2020, , 1-20.		1
9	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
10	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
11	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
12	Decreased ACKR3 (CXCR7) function causes oculomotor synkinesis in mice and humans. Human Molecular Genetics, 2019, 28, 3113-3125.	2.9	8
13	Isolation and Culture of Oculomotor, Trochlear, and Spinal Motor Neurons from Prenatal &sup>GFP</sup> Transgenic Mice. Journal of Visualized Experiments, 2019, , .	0.3	3
14	Loss of CXCR4/CXCL12 Signaling Causes Oculomotor Nerve Misrouting and Development of Motor Trigeminal to Oculomotor Synkinesis. , 2018, 59, 5201.		14
15	Genome-Wide Association Study Identifies a Susceptibility Locus for Comitant Esotropia and Suggests a Parent-of-Origin Effect. , 2018, 59, 4054.		21
16	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
17	Reply. Ophthalmology, 2017, 124, e11.	5.2	0
18	Ocular congenital cranial dysinnervation disorders (CCDDs): insights into axon growth and guidance. Human Molecular Genetics, 2017, 26, R37-R44.	2.9	59

#	ARTICLE	IF	CITATIONS
19	Ocular Motor Nerve Development in the Presence and Absence of Extraocular Muscle. , 2017, 58, 2388-2396.		12
20	Bifocals Fail to Improve Stereopsis Outcomes in High AC/A Accommodative Esotropia. Ophthalmology, 2016, 123, 690-696.	5.2	20
21	Two unique <i>TUBB3</i> mutations cause both CFEOM3 and malformations of cortical development. American Journal of Medical Genetics, Part A, 2016, 170, 297-305.	1.2	51
22	Complications of Pediatric Cataract Surgery. Seminars in Ophthalmology, 2014, 29, 414-420.	1.6	55
23	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
24	Dent in the Forehead: A Rare Manifestation of Metastatic Cancer. JAMA Ophthalmology, 2012, 130, 1349.	2.4	0
25	A Case of Lower Extremity Venous Thrombosis in the Pediatric Emergency Department. Pediatric Emergency Care, 2011, 27, 125-128.	0.9	5
26	Blood vessels form a migratory scaffold in the rostral migratory stream. Journal of Comparative Neurology, 2009, 516, 94-104.	1.6	157
27	Adult neurogenesis and the olfactory system. Progress in Neurobiology, 2009, 89, 162-175.	5.7	276
28	Short Tag Noose Technique for Optional and Late Suture Adjustment in Strabismus Surgery. JAMA Ophthalmology, 2009, 127, 1584.	2.4	48
29	Principles of Glomerular Organization in the Human Olfactory Bulb – Implications for Odor Processing. PLoS ONE, 2008, 3, e2640.	2.5	129
30	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
31	Dynamic Contribution of Nestin-Expressing Stem Cells to Adult Neurogenesis. Journal of Neuroscience, 2007, 27, 12623-12629.	3.6	443
32	Adult-generated neurons exhibit diverse developmental fates. Developmental Neurobiology, 2007, 67, 1079-1093.	3.0	81
33	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
34	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
35	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
36	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

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37	Kinetics and Thermodynamics of $\hat{I}^2$ -Microglobulin Binding to the $\hat{I}^3$ Domain of Major Histocompatibility Complex Class I Heavy Chain. <i>Biochemistry</i> , 2001, 40, 5233-5242.	2.5	21
38	The isolated major histocompatibility complex class I $\hat{I}^3$ domain binds $\hat{I}^2$ m and CD8 $\hat{I}^{\pm}$ dimers. <i>Molecular Immunology</i> , 2000, 37, 141-149.	2.2	10
39	ICAM-1 co-stimulation has differential effects on the activation of CD4+ and CD8+ T cells. <i>European Journal of Immunology</i> , 1999, 29, 809-814.	2.9	32