

# Sun-On Chan

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

1,590  
citations

236612

25  
h-index

377514

34  
g-index

73  
all docs

73  
docs citations

73  
times ranked

2019  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | ELEVATED LEVEL OF URIC ACID, BUT NOT GLUCOSE, IN AQUEOUS HUMOR AS A RISK FACTOR FOR DIABETIC MACULAR EDEMA IN PATIENTS WITH TYPE 2 DIABETES. <i>Retina</i> , 2022, 42, 1121-1129.   | 1.0 | 2         |
| 2  | Agonist of growth hormone-releasing hormone enhances retinal ganglion cell protection induced by macrophages after optic nerve injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .    | 3.3 | 6         |
| 3  | Ruxolitinib Alleviates Uveitis Caused by <i>Salmonella typhimurium</i> Endotoxin. <i>Microorganisms</i> , 2021, 9, 1481.  | 1.6 | 5         |
| 4  | Nogo-A Induced Polymerization of Microtubule Is Involved in the Inflammatory Heat Hyperalgesia in Rat Dorsal Root Ganglion Neurons. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10360.                                       | 1.8 | 0         |
| 5  | Understanding family involvement in body donation in Hong Kong: A qualitative study of registered donors and bereaved family members. <i>Health and Social Care in the Community</i> , 2020, 28, 270-278.                                       | 0.7 | 14        |
| 6  | Identification of a new functional domain of Nogo-A that promotes inflammatory pain and inhibits neurite growth through binding to Ngr1. <i>FASEB Journal</i> , 2020, 34, 10948-10965.  | 0.2 | 6         |
| 7  | rad21 Is Involved in Corneal Stroma Development by Regulating Neural Crest Migration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7807.  | 1.8 | 3         |
| 8  | Signaling mechanisms of growth hormone-releasing hormone receptor in LPS-induced acute ocular inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6067-6074.                      | 3.3 | 26        |
| 9  | Analysis of axon divergence at the optic chiasm in nogo-a knockout mice. <i>Neuroscience Letters</i> , 2020, 731, 135109.   | 1.0 | 0         |
| 10 | Increased Expression of Growth Hormone-Releasing Hormone in Fibrinous Inflammation of Proliferative Diabetic Retinopathy. <i>American Journal of Ophthalmology</i> , 2020, 215, 81-90.  | 1.7 | 8         |
| 11 | Communication with family concerning body donation in Hong Kong: what do we know?. <i>Health and Social Care in the Community</i> , 2020, 28, 1817-1826.  | 0.7 | 2         |
| 12 | Nogo-A promotes inflammatory heat hyperalgesia by maintaining TRPV1 function in the rat dorsal root ganglion neuron. <i>FASEB Journal</i> , 2019, 33, 668-682.  | 0.2 | 11        |
| 13 | Growth hormone-releasing hormone receptor mediates cytokine production in ciliary and iris epithelial cells during LPS-induced ocular inflammation. <i>Experimental Eye Research</i> , 2019, 181, 277-284.                                      | 1.2 | 17        |
| 14 | Green tea catechins alleviate autoimmune symptoms and visual impairment in a murine model for human chronic intraocular inflammation by inhibiting Th17-associated pro-inflammatory gene expression. <i>Scientific Reports</i> , 2019, 9, 2301. | 1.6 | 13        |
| 15 | Association of glycated hemoglobin with the risk of advanced fibrosis in non-alcoholic fatty liver disease patients without diabetes. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2019, 43, 58-66.                         | 0.7 | 15        |
| 16 | Green tea extract attenuates LPS-induced retinal inflammation in rats. <i>Scientific Reports</i> , 2018, 8, 429.  | 1.6 | 37        |
| 17 | LncRNA-NEF antagonized epithelial to mesenchymal transition and cancer metastasis via cis-regulating FOXA2 and inactivating Wnt/ $\beta$ -catenin signaling. <i>Oncogene</i> , 2018, 37, 1445-1456.   | 2.6 | 115       |
| 18 | Metabolomics of Green-Tea Catechins on Vascular-Endothelial-Growth-Factor-Stimulated Human-Endothelial-Cell Survival. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 12866-12875.  | 2.4 | 15        |

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|----|--|-----|-----------|
| 19 | Induction of Apoptosis in Pterygium Cells by Antagonists of Growth Hormone-Releasing Hormone Receptors. , 2018, 59, 5060.  |     | 9         |
| 20 | Dynamic expression of p75NTR and Lingo-1 during development of mouse retinofugal pathway. Neuroscience Letters, 2018, 686, 106-111.  | 1.0 | 0         |
| 21 | Bruton's tyrosine kinase potentiates ALK signaling and serves as a potential therapeutic target of neuroblastoma. Oncogene, 2018, 37, 6180-6194.   | 2.6 | 17        |
| 22 | Nogo-B is the major form of Nogo at the floor plate and likely mediates crossing of commissural axons in the mouse spinal cord. Journal of Comparative Neurology, 2017, 525, 2915-2928.  | 0.9 | 8         |
| 23 | The spatiotemporal relationships between chondroitin sulfate proteoglycans and terminations of calcitonin gene related peptide and parvalbumin immunoreactive afferents in the spinal cord of mouse embryos. Neuroscience Letters, 2017, 655, 61-67. | 1.0 | 3         |
| 24 | Disruption of retinal pigment epithelial cell properties under the exposure of cotinine. Scientific Reports, 2017, 7, 3139.  | 1.6 | 11        |
| 25 | Quantitative Characterization of Autoimmune Uveoretinitis in an Experimental Mouse Model. , 2017, 58, 4193.  |     | 10        |
| 26 | Neuronal Nogo-A in Newborn Retinal Ganglion Cells: Implication for the Formation of the Age-related Fiber Order in the Optic Tract. Anatomical Record, 2016, 299, 1027-1036.   | 0.8 | 4         |
| 27 | Isoform-specific localization of Nogo protein in the optic pathway of mouse embryos. Journal of Comparative Neurology, 2016, 524, 2322-2334.   | 0.9 | 10        |
| 28 | Antagonists of growth hormone-releasing hormone receptor induce apoptosis specifically in retinoblastoma cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14396-14401.                             | 3.3 | 30        |
| 29 | Continuous exposure to non-lethal doses of sodium iodate induces retinal pigment epithelial cell dysfunction. Scientific Reports, 2016, 6, 37279.  | 1.6 | 31        |
| 30 | Green tea catechins are potent anti-oxidants that ameliorate sodium iodate-induced retinal degeneration in rats. Scientific Reports, 2016, 6, 29546.   | 1.6 | 49        |
| 31 | The Proto-oncogene Transcription Factor Ets1 Regulates Neural Crest Development through Histone Deacetylase 1 to Mediate Output of Bone Morphogenetic Protein Signaling. Journal of Biological Chemistry, 2015, 290, 21925-21938.                    | 1.6 | 38        |
| 32 | Effects of EGCG content in green tea extract on pharmacokinetics, oxidative status and expression of inflammatory and apoptotic genes in the rat ocular tissues. Journal of Nutritional Biochemistry, 2015, 26, 1357-1367.                           | 1.9 | 45        |
| 33 | Introducing Final-Year Medical Students to Pocket-Sized Ultrasound Imaging: Teaching Transthoracic Echocardiography on a 2-Week Anesthesia Rotation. Teaching and Learning in Medicine, 2015, 27, 307-313.   | 1.3 | 31        |
| 34 | Dopamine signaling regulates the projection patterns in the mouse chiasm. Brain Research, 2015, 1625, 324-336.   | 1.1 | 6         |
| 35 | Antagonist of GH-releasing hormone receptors alleviates experimental ocular inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18303-18308.   | 3.3 | 38        |
| 36 | Assessing Sodium Iodate-Induced Outer Retinal Changes in Rats Using Confocal Scanning Laser Ophthalmoscopy and Optical Coherence Tomography. , 2014, 55, 1696.   |     | 43        |

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|----|--|-----|-----------|
| 37 | Pro-oxidative and Antioxidative Controls and Signaling Modification of Polyphenolic Phytochemicals: Contribution to Health Promotion and Disease Prevention?. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4026-4038. | 2.4 | 31        |
| 38 | Localization of protein kinase C isoforms in the optic pathway of mouse embryos and their role in axon routing at the optic chiasm. <i>Brain Research</i> , 2014, 1575, 22-32.   | 1.1 | 4         |
| 39 | Green Tea Extract Treatment Alleviates Ocular Inflammation in a Rat Model of Endotoxin-Induced Uveitis. <i>PLoS ONE</i> , 2014, 9, e103995.  | 1.1 | 34        |
| 40 | Dhrs3 Protein Attenuates Retinoic Acid Signaling and Is Required for Early Embryonic Patterning. <i>Journal of Biological Chemistry</i> , 2013, 288, 31477-31487.  | 1.6 | 52        |
| 41 | Multiple Conformations of the FlhC C-Terminal Domain Provide Insight into Flagellar Motor Switching. <i>Structure</i> , 2012, 20, 315-325.   | 1.6 | 38        |
| 42 | Dyslexia-Associated Kiaa0319-Like Protein Interacts with Axon Guidance Receptor Nogo Receptor 1. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 27-35.   | 1.7 | 33        |
| 43 | Characterization of three synuclein genes in <i>Xenopus laevis</i> . <i>Developmental Dynamics</i> , 2011, 240, 2028-2033.   | 0.8 | 15        |
| 44 | Distribution of Kiaa0319-like immunoreactivity in the adult mouse brain—a novel protein encoded by the putative dyslexia susceptibility gene KIAA0319-like. <i>Histology and Histopathology</i> , 2011, 26, 953-63.                    | 0.5 | 10        |
| 45 | Localization of an axon growth inhibitory molecule Nogo and its receptor in the spinal cord of mouse embryos. <i>Brain Research</i> , 2010, 1306, 8-17.  | 1.1 | 14        |
| 46 | Developmental expression of <i>Xenopus</i> short-chain dehydrogenase/reductase 3. <i>International Journal of Developmental Biology</i> , 2010, 54, 1355-1360.   | 0.3 | 21        |
| 47 | Localization of Nogo and its receptor in the optic pathway of mouse embryos. <i>Journal of Neuroscience Research</i> , 2008, 86, 1721-1733.  | 1.3 | 25        |
| 48 | The growth-inhibitory protein Nogo is involved in midline routing of axons in the mouse optic chiasm. <i>Journal of Neuroscience Research</i> , 2008, 86, 2581-2590.   | 1.3 | 26        |
| 49 | Role of protein kinase C in selective inhibition of mouse retinal neurites during contacts with chondroitin sulfates. <i>Neuroscience Letters</i> , 2008, 434, 150-154.  | 1.0 | 5         |
| 50 | Localization of hyaluronan in the optic pathway of mouse embryos. <i>NeuroReport</i> , 2007, 18, 355-358.  | 0.6 | 10        |
| 51 | Enzymatic removal of hyaluronan affects routing of axons in the mouse optic chiasm. <i>NeuroReport</i> , 2007, 18, 1533-1538.  | 0.6 | 14        |
| 52 | Effects of exogenous hyaluronan on midline crossing and axon divergence in the optic chiasm of mouse embryos. <i>European Journal of Neuroscience</i> , 2007, 26, 1-11.  | 1.2 | 13        |
| 53 | Disruption of Sonic Hedgehog Signaling Affects Axon Routing in the Mouse Optic Chiasm. <i>Neuroembryology and Aging</i> , 2006, 4, 76-84.  | 0.1 | 3         |
| 54 | Chiasmatic neurons in the ventral diencephalon of mouse embryos—Changes in arrangement and heterogeneity in surface antigen expression. <i>Developmental Brain Research</i> , 2005, 158, 1-12.   | 2.1 | 13        |

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|----|---|-----|-----------|
| 55 | Selective inhibition of ventral temporal but not dorsal nasal neurites from mouse retinal explants during contact with chondroitin sulphate. <i>Cell and Tissue Research</i> , 2005, 321, 9-19.                               | 1.5 | 12        |
| 56 | Expression of phosphacan and neurocan during early development of mouse retinofugal pathway. <i>Developmental Brain Research</i> , 2004, 152, 1-10.   | 2.1 | 19        |
| 57 | Regionally specific expression of L1 and sialylated NCAM in the retinofugal pathway of mouse embryos. <i>Journal of Comparative Neurology</i> , 2004, 471, 482-498.   | 0.9 | 22        |
| 58 | Enzymatic removal of chondroitin sulphates abolishes the age-related axon order in the optic tract of mouse embryos. <i>European Journal of Neuroscience</i> , 2003, 17, 1755-1767.   | 1.2 | 28        |
| 59 | Perturbation of CD44 function affects chiasmatic routing of retinal axons in brain slice preparations of the mouse retinofugal pathway. <i>European Journal of Neuroscience</i> , 2003, 17, 2299-2312.                        | 1.2 | 46        |
| 60 | Changes in expression of fibroblast growth factor receptors during development of the mouse retinofugal pathway. <i>Journal of Comparative Neurology</i> , 2002, 451, 22-32.  | 0.9 | 12        |
| 61 | Differential responses of temporal and nasal retinal neurites to regional-specific cues in the mouse retinofugal pathway. <i>Cell and Tissue Research</i> , 2002, 309, 201-208.   | 1.5 | 10        |
| 62 | N-methyl- D -aspartate-induced excitotoxicity in adult rat retina is antagonized by single systemic injection of MK-801. <i>Experimental Brain Research</i> , 2001, 138, 37-45.   | 0.7 | 39        |
| 63 | Heparan sulfate proteoglycan expression in the optic chiasm of mouse embryos. <i>Journal of Comparative Neurology</i> , 2001, 436, 236-247.   | 0.9 | 26        |
| 64 | Inhibition of caspase-3-like activity reduces glutamate induced cell death in adult rat retina11Published on the World Wide Web on 9 May 2001.. <i>Brain Research</i> , 2001, 904, 177-188.                                   | 1.1 | 57        |
| 65 | Expression of chondroitin sulfate proteoglycans in the chiasm of mouse embryos. , 2000, 417, 153-163.   |     | 53        |
| 66 | The effects of early prenatal monocular enucleation on the routing of uncrossed retinofugal axons and the cellular environment at the chiasm of mouse embryos. <i>European Journal of Neuroscience</i> , 1999, 11, 3225-3235. | 1.2 | 34        |
| 67 | Changes in axon arrangement in the retinofungal pathway of mouse embryos: Confocal microscopy study using single- and double-dye label. , 1999, 406, 251-262.   |     | 29        |
| 68 | Changes in morphology and behaviour of retinal growth cones before and after crossing the midline of the mouse chiasm - a confocal microscopy study. <i>European Journal of Neuroscience</i> , 1998, 10, 2511-2522.           | 1.2 | 26        |
| 69 | Changes in fiber order in the optic nerve and tract of rat embryos. <i>Journal of Comparative Neurology</i> , 1994, 344, 20-32.   | 0.9 | 55        |
| 70 | Differential action of the albino mutation on two components of the rat's uncrossed retinofugal pathway. <i>Journal of Comparative Neurology</i> , 1993, 336, 362-377.  | 0.9 | 36        |
| 71 | Factors affecting neurite outgrowth of occipital cortical explants. <i>Cell Biology International Reports</i> , 1990, 14, 143-153.  | 0.7 | 0         |
| 72 | Postnatal development of the ipsilaterally projecting retinal ganglion cells in normal rats and rats with neonatal lesions. <i>Developmental Brain Research</i> , 1989, 49, 265-274.  | 2.1 | 24        |

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|----|--|-----|-----------|
| 73 | Enlargement of uncrossed retinal projections in the albino rat: additive effects of neonatal eye removal and thalamectomy. Brain Research, 1988, 461, 163-168. | 1.1 | 23        |