# Dora Fix Ventura

List of Publications by Year
in descending order

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Version: 2024-02-01

| 201 | 4,334 | 172443 | 155644 |
|---|---|---|---|
| papers | citations | 29 h-index | 55 g-index |

| 210 | 210 | 210 | 4439 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The spectral input systems of hymenopteran insects and their receptor-based colour vision. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1992, 170, 23-40. | 1.6 | 662 |
| 2 | Behaviourally driven gene expression reveals song nuclei in hummingbird brain. Nature, 2000, 406, 628-632. | 27.8 | 279 |
| 3 | Efficient mitochondrial biogenesis drives incomplete penetrance in Leberâ€™s hereditary optic neuropathy. Brain, 2014, 137, 335-353. | 7.6 | 229 |
| 4 | Effects of dietary methylmercury on liver and kidney histology in the neotropical fish Hoplias malabaricus. Ecotoxicology and Environmental Safety, 2007, 68, 426-435. | 6.0 | 193 |
| 5 | Spectral sensitivity of photoreceptors in insect compound eyes: Comparison of species and methods. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1986, 158, 165-177. | 1.6 | 130 |
| 6 | Intrinsically Photosensitive Retinal Ganglion Cell Activity Is Associated with Decreased Sleep Quality in Patients with Glaucoma. Ophthalmology, 2015, 122, 1139-1148. | 5.2 | 74 |
| 7 | The Pupil Light Reflex in Leber's Hereditary Optic Neuropathy: Evidence for Preservation of Melanopsin-Expressing Retinal Ganglion Cells. , 2013, 54, 4471. | | 70 |
| 8 | Red-Green Color Vision Impairment in Duchenne Muscular Dystrophy. American Journal of Human Genetics, 2007, 80, 1064-1075. | 6.2 | 68 |
| 9 | Color vision impairment in type 2 diabetes assessed by the Dâ€15d test and the Cambridge Colour Test. Ophthalmic and Physiological Optics, 2010, 30, 717-723. | 2.0 | 68 |
| 10 | Colour vision and contrast sensitivity losses of mercury intoxicated industry workers in Brazil. Environmental Toxicology and Pharmacology, 2005, 19, 523-529. | 4.0 | 67 |
| 11 | Multifocal and full-field electroretinogram changes associated with color-vision loss in mercury vapor exposure. Visual Neuroscience, 2004, 21, 421-429. | 1.0 | 59 |
| 12 | A Positive Association Between Intrinsically Photosensitive Retinal Ganglion Cells and Retinal Nerve Fiber Layer Thinning in Glaucoma. Investigative Ophthalmology and Visual Science, 2014, 55, 7997-8005. | 3.3 | 59 |
| 13 | Male Prevalence of Acquired Color Vision Defects in Asymptomatic Carriers of Leberâ€™s Hereditary Optic Neuropathy. , 2007, 48, 2362. | | 57 |
| 14 | Thyroid Hormone Action Is Required for Normal Cone Opsin Expression during Mouse Retinal Development. , 2008, 49, 2039. | | 53 |
| 15 | Mitochondrial DNA Promotes NLRP3 Inflammasome Activation and Contributes to Endothelial Dysfunction and Inflammation in Type 1 Diabetes. Frontiers in Physiology, 2019, 10, 1557. | 2.8 | 52 |
| 16 | EXTEROCEPTIVE CONTROL OF RESPONSE UNDER DELAYED REINFORCEMENT. Journal of the Experimental Analysis of Behavior, 1964, 7, 159-162. | 1.1 | 51 |
| 17 | Chromatic discrimination losses in multiple sclerosis patients with and without optic neuritis using the Cambridge Colour Test. Visual Neuroscience, 2008, 25, 463-468. | 1.0 | 50 |
| 18 | Mercury toxicity in the Amazon: contrast sensitivity and color discrimination of subjects exposed to mercury. Brazilian Journal of Medical and Biological Research, 2007, 40, 415-424. | 1.5 | 48 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Relationship between vision and motor impairment in children with spastic cerebral palsy: new evidence from electrophysiology. Behavioural Brain Research, 2004, 149, 145-150. | 2.2 | 45 |
| 20 | Mercury toxicity in Amazon gold miners: Visual dysfunction assessed by retinal and cortical electrophysiology. Environmental Research, 2008, 107, 98-107. | 7.5 | 45 |
| 21 | Chromatic and Luminance Contrast Sensitivities in Asymptomatic Carriers from a Large Brazilian Pedigree of 11778 Leber Hereditary Optic Neuropathy. , 2005, 46, 4809. | | 41 |
| 22 | Irreversible color vision losses in patients with chronic mercury vapor intoxication. Visual Neuroscience, 2008, 25, 487-491. | 1.0 | 41 |
| 23 | Absence of binocular summation, eye dominance, and learning effects in color discrimination. Visual Neuroscience, 2006, 23, 461-469. | 1.0 | 37 |
| 24 | The use of the Cambridge Neuropsychological Test Automated Battery (CANTAB) in neuropsychological assessment: Application in Brazilian research with control children and adults with neurological disorders.. Psychology and Neuroscience, 2011, 4, 255-265. | 0.8 | 36 |
| 25 | Contrast Sensitivity Mediated by Inferred Magno- and Parvocellular Pathways in Type 2 Diabetics with and without Nonproliferative Retinopathy. , 2011, 52, 1151. | | 35 |
| 26 | Visual impairment on dentists related to occupational mercury exposure. Environmental Toxicology and Pharmacology, 2005, 19, 517-522. | 4.0 | 34 |
| 27 | Twelve chromatically opponent ganglion cell types in turtle retina. Visual Neuroscience, 2008, 25, 307-315. | 1.0 | 34 |
| 28 | Long-Term Occupational Exposure to Organic Solvents Affects Color Vision, Contrast Sensitivity and Visual Fields. PLoS ONE, 2012, 7, e42961. | 2.5 | 34 |
| 29 | A computer-controlled color vision test for children based on the Cambridge Colour Test. Visual Neuroscience, 2008, 25, 445-450. | 1.0 | 33 |
| 30 | Methylmercury localization in Danio rerio retina after trophic and subchronic exposure: A basis for neurotoxicology. NeuroToxicology, 2010, 31, 448-453. | 3.0 | 33 |
| 31 | Long-term loss of color vision after exposure to mercury vapor. Brazilian Journal of Medical and Biological Research, 2007, 40, 409-414. | 1.5 | 33 |
| 32 | Transcranial direct current stimulation as a tool in the study of sensory-perceptual processing. Attention, Perception, and Psychophysics, 2015, 77, 1813-1840. | 1.3 | 32 |
| 33 | UV responses in the retina of the turtle. Visual Neuroscience, 1999, 16, 191-204. | 1.0 | 31 |
| 34 | Comparative study of temporal summation and response form in hymenopteran photoreceptors. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1989, 165, 237-245. | 1.6 | 30 |
| 35 | Neuropsychological dysfunction related to earlier occupational exposure to mercury vapor. Brazilian Journal of Medical and Biological Research, 2007, 40, 425-433. | 1.5 | 30 |
| 36 | Effects of age and optical blur on real depth stereoacuity. Ophthalmic and Physiological Optics, 2010, 30, 660-666. | 2.0 | 30 |

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|---|---|---|---|
| 37 | Mercury distribution in target organs and biochemical responses after subchronic and trophic exposure to Neotropical fish Hoplias malabaricus. Fish Physiology and Biochemistry, 2014, 40, 245-256. | 2.3 | 30 |
| 38 | Effects of mercury intoxication on the response of horizontal cells of the retina of thraira fish (Hoplias malabaricus). Brazilian Journal of Medical and Biological Research, 2006, 39, 987-995. | 1.5 | 29 |
| 39 | Preliminary Findings on the Effects of Occupational Exposure to Mercury Vapor Below Safety Levels on Visual and Neuropsychological Functions. Journal of Occupational and Environmental Medicine, 2009, 51, 1403-1412. | 1.7 | 29 |
| 40 | Morphological evidence of neurotoxicity in retina after methylmercury exposure. NeuroToxicology, 2012, 33, 407-415. | 3.0 | 28 |
| 41 | Neurotoxic impact of mercury on the central nervous system evaluated by neuropsychological tests and on the autonomic nervous system evaluated by dynamic pupillometry. NeuroToxicology, 2017, 59, 263-269. | 3.0 | 28 |
| 42 | Preliminary Norms for the Cambridge Colour Test. , 2003, , 331-339. | | 28 |
| 43 | Response properties of stained monopolar cells in the honeybee lamina. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1992, 170, 267-274. | 1.6 | 26 |
| 44 | Color space distortions in patients with type 2 diabetes mellitus. Visual Neuroscience, 2006, 23, 663-668. | 1.0 | 26 |
| 45 | Comparative Study of Photoreceptor and Retinal Ganglion Cell Topography and Spatial Resolving Power in Dipsadidae Snakes. Brain, Behavior and Evolution, 2014, 84, 197-213. | 1.7 | 26 |
| 46 | ON and OFF Electroretinography and Contrast Sensitivity in Duchenne Muscular Dystrophy. , 2013, 54, 3195. | | 25 |
| 47 | Spectral Sensitivity Measured with Electroretinogram Using a Constant Response Method. PLoS ONE, 2016, 11, e0147318. | 2.5 | 25 |
| 48 | Spectral sensitivity of single photoreceptors and color vision in the stingless bee, Melipona quadrifasciata. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1989, 166, 151. | 1.6 | 24 |
| 49 | Electrophysiological evidence for impairment of contrast sensitivity in mercury vapor occupational intoxication. Environmental Research, 2008, 107, 132-138. | 7.5 | 23 |
| 50 | Vision in click beetles (Coleoptera: Elateridae): pigments and spectral correspondence between visual sensitivity and species bioluminescence emission. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2010, 196, 629-638. | 1.6 | 23 |
| 51 | Psychophysical Evaluation of Achromatic and Chromatic Vision of Workers Chronically Exposed to Organic Solvents. Journal of Environmental and Public Health, 2012, 2012, 1-7. | 0.9 | 23 |
| 52 | Solidâ€phase microextraction combined with comprehensive twoâ€dimensional gas chromatography for fatty acid profiling of cell wall phospholipids. Journal of Separation Science, 2012, 35, 2438-2444. | 2.5 | 23 |
| 53 | Daily activity patterns influence retinal morphology, signatures of selection, and spectral tuning of opsin genes in colubrid snakes. BMC Evolutionary Biology, 2017, 17, 249. | 3.2 | 23 |
| 54 | Spectral correspondence between visual spectral sensitivity and bioluminescence emission spectra in the click beetle Pyrophorus punctatissimus (Coleoptera: Elateridae). Journal of Insect Physiology, 2000, 46, 1137-1141. | 2.0 | 22 |

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| 55 | Tetrachromatic input to turtle horizontal cells. Visual Neuroscience, 2001, 18, 759-765. | 1.0 | 22 |
| 56 | Color Vision Losses in Autism Spectrum Disorders. Frontiers in Psychology, 2017, 8, 1127. | 2.1 | 21 |
| 57 | Melanopsin System Dysfunction in Smith-Magenis Syndrome Patients. , 2018, 59, 362. | | 21 |
| 58 | Losses of immunoreactive parvalbumin amacrine and immunoreactive alphaprotein kinase C bipolar cells caused by methylmercury chloride intoxication in the retina of the tropical fish Hoplias malabaricus. Brazilian Journal of Medical and Biological Research, 2006, 39, 405-410. | 1.5 | 21 |
| 59 | Relationship between Daytime Sleepiness and Intrinsically Photosensitive Retinal Ganglion Cells in Glaucomatous Disease. Journal of Ophthalmology, 2016, 2016, 1-9. | 1.3 | 20 |
| 60 | Intraocular Straylight and Contrast Sensitivity After Contralateral Wavefront-Guided LASIK and Wavefront-Guided PRK for Myopia. Journal of Refractive Surgery, 2010, 26, 588-593. | 2.3 | 20 |
| 61 | Psychophysical analysis of contrast processing segregated into magnocellular and parvocellular systems in asymptomatic carriers of 11778 Leber's hereditary optic neuropathy. Visual Neuroscience, 2008, 25, 469-474. | 1.0 | 19 |
| 62 | Transcranial Direct Current Stimulation Modulates Human Color Discrimination in a Pathway-Specific Manner. Frontiers in Psychiatry, 2012, 3, 78. | 2.6 | 18 |
| 63 | Comparison of Visual Functions of Two Amazonian Populations: Possible Consequences of Different Mercury Exposure. Frontiers in Neuroscience, 2019, 13, 1428. | 2.8 | 18 |
| 64 | Visual field losses in workers exposed to mercury vapor. Environmental Research, 2008, 107, 124-131. | 7.5 | 17 |
| 65 | Contrasting effects of transcranial direct current stimulation on central and peripheral visual fields. Experimental Brain Research, 2015, 233, 1391-1397. | 1.5 | 17 |
| 66 | Early Vision Loss in Diabetic Patients Assessed by the Cambridge Colour Test. , 2003, , 395-403. | | 17 |
| 67 | Cone photopigment variations in Cebus apella monkeys evidenced by electroretinogram measurements and genetic analysis. Vision Research, 2010, 50, 99-106. | 1.4 | 16 |
| 68 | Toxicity of High-Dose Intravitreal Adalimumab (Humira) in the Rabbit. Journal of Ocular Pharmacology and Therapeutics, 2011, 27, 327-331. | 1.4 | 16 |
| 69 | Color vision impairment with low-level methylmercury exposure of an Amazonian population â€“ Brazil. NeuroToxicology, 2018, 66, 179-184. | 3.0 | 15 |
| 70 | Cross-sectional study to assess the association of color vision with mercury hair concentration in children from Brazilian Amazonian riverine communities. NeuroToxicology, 2018, 65, 60-67. | 3.0 | 15 |
| 71 | Cerebral extraocular photoreceptors in beetles. Comparative Biochemistry and Physiology A, Comparative Physiology, 1997, 118, 1353-1357. | 0.6 | 14 |
| 72 | Color vision loss in patients treated with chloroquine. Arquivos Brasileiros De Oftalmologia, 2003, 66, 9-15. | 0.5 | 14 |

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| 73 | Memory span measured by the spatial span tests of the Cambridge Neuropsychological Test Automated Battery in a group of Brazilian children and adolescents. Dementia E Neuropsychologia, 2011, 5, 129-134. | 0.8 | 14 |
| 74 | Inner and Outer Retinal Contributions to Pupillary Light Response: Correlation to Functional and Morphologic Parameters in Glaucoma. Journal of Glaucoma, 2018, 27, 723-732. | 1.6 | 14 |
| 75 | Evaluation of Glaucomatous Damage via Functional Magnetic Resonance Imaging, and Correlations Thereof with Anatomical and Psychophysical Ocular Findings. PLoS ONE, 2015, 10, e0126362. | 2.5 | 14 |
| 76 | Cerebral extraocular photoreceptors in ants. Tissue and Cell, 1996, 28, 25-30. | 2.2 | 13 |
| 77 | Asymmetrical Functional Deficits of ON and OFF Retinal Processing in the mdx<sup>3Cv</sup> Mouse Model of Duchenne Muscular Dystrophy. , 2016, 57, 5788. | | 13 |
| 78 | Alterations in visual acuity and visual development in infants 1-24Âmonths old either exposed to or infected by Zika virus during gestation, with and without microcephaly. Journal of AAPOS, 2019, 23, 215.e1-215.e7. | 0.3 | 13 |
| 79 | Three-Year Clinical Follow-Up of Children Intrauterine Exposed to Zika Virus. Viruses, 2021, 13, 523. | 3.3 | 13 |
| 80 | Heterochromatic Flicker Electroretinograms Reflecting Luminance and Cone Opponent Activity in Glaucoma Patients. , 2011, 52, 6757. | | 12 |
| 81 | Photoreceptor-specific light adaptation of critical flicker frequency in trichromat and dichromat observers. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, B106. | 1.5 | 12 |
| 82 | Psychophysical measurements of luminance and chromatic spatial and temporal contrast sensitivity in Duchenne muscular dystrophy.. Psychology and Neuroscience, 2011, 4, 67-74. | 0.8 | 12 |
| 83 | Early visual changes in diabetic patients with no retinopathy measured by color discrimination and electroretinography.. Psychology and Neuroscience, 2013, 6, 227-234. | 0.8 | 12 |
| 84 | Voronoi analysis uncovers relationship between mosaics of normally placed and displaced amacrine cells in the thraira retina. Neuroinformatics, 2007, 5, 59-77. | 2.8 | 11 |
| 85 | Visual impairment in children with spastic cerebral palsy measured by psychophysical and electrophysiological grating acuity tests. Developmental Neurorehabilitation, 2012, 15, 414-424. | 1.1 | 11 |
| 86 | The influence of stimulus size on heterochromatic modulation electroretinograms. Journal of Vision, 2016, 16, 13. | 0.3 | 11 |
| 87 | A novel nonsense mutation in the tyrosinase gene is related to the albinism in a capuchin monkey (Sapajus apella). BMC Genetics, 2017, 18, 39. | 2.7 | 11 |
| 88 | Colorâ€space distortions following longâ€term occupational exposure to mercury vapor. Ophthalmic and Physiological Optics, 2010, 30, 724-730. | 2.0 | 10 |
| 89 | Color Discrimination in the Tufted Capuchin Monkey, Sapajus spp. PLoS ONE, 2013, 8, e62255. | 2.5 | 10 |
| 90 | Association between language development and auditory processing disorders. Brazilian Journal of Otorhinolaryngology, 2014, 80, 231-236. | 1.0 | 10 |

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|---|---|---|---|
| 91 | Transcranial direct current stimulation can selectively affect different processing channels in human visual cortex. Experimental Brain Research, 2015, 233, 1213-1223. | 1.5 | 10 |
| 92 | Individual Test Point Fluctuations of Macular Sensitivity in Healthy Eyes and Eyes With Age-Related Macular Degeneration Measured With Microperimetry. Translational Vision Science and Technology, 2018, 7, 25. | 2.2 | 10 |
| 93 | Retinal Topographic Maps: A Glimpse into the Animalsâ€™ Visual World. , 0, , . | | 10 |
| 94 | Human tonal preferences as a function of frequency under Î´8-tetrahydrocannabinol. Pharmacology Biochemistry and Behavior, 1974, 2, 607-611. | 2.9 | 9 |
| 95 | Spectral efficiency as measured by ERG in the ant (Atta sexdens rubropilosa). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1975, 104, 205-210. | 1.6 | 9 |
| 96 | Spectral sensitivity of photoreceptors in the compound eye of stingless tropical bees. Journal of Insect Physiology, 1985, 31, 931-935. | 2.0 | 9 |
| 97 | Bioequivalence and safety of subcutaneously and intramuscularly administrred dihydroergotamine in healthy volunteers. Current Therapeutic Research, 1994, 55, 1501-1508. | 1.2 | 9 |
| 98 | An AC constant-response method for electrophysiological measurements of spectral sensitivity functions. Journal of Neuroscience Methods, 1996, 68, 203-210. | 2.5 | 9 |
| 99 | IN VITRO EVIDENCE FOR MYCOPHENOLIC ACID DOSE-RELATED CYTOTOXICITY IN HUMAN RETINAL CELLS. Retina, 2013, 33, 2155-2161. | 1.7 | 9 |
| 100 | The role of early stages of cortical visual processing in size and distance judgment: A transcranial direct current stimulation study. Neuroscience Letters, 2015, 588, 78-82. | 2.1 | 9 |
| 101 | Dystrophin Is Required for Proper Functioning of Luminance and Redâ€“Green Cone Opponent Mechanisms in the Human Retina. , 2016, 57, 3581. | | 9 |
| 102 | Photoreceptors morphology and genetics of the visual pigments of Bothrops jararaca and Crotalus durissus terrificus (Serpentes, Viperidae). Vision Research, 2019, 158, 72-77. | 1.4 | 9 |
| 103 | Rescue of Defective Electroretinographic Responses in Dp71-Null Mice With AAV-Mediated Reexpression of Dp71. , 2020, 61, 11. | | 9 |
| 104 | Vitreous pharmacokinetics and electroretinographic findings after intravitreal injection of acyclovir in rabbits. Clinics, 2012, 67, 931-937. | 1.5 | 9 |
| 105 | SUGGESTED PORTUGUESE TRANSLATIONS OF EXPRESSIONS IN OPERANT CONDITIONING1. Journal of the Experimental Analysis of Behavior, 1963, 6, 91-94. | 1.1 | 8 |
| 106 | Visual sensitivity and the state of adaptation in the antAtta sexdens (Hymenoptera: Formicoidea). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1976, 110, 333-342. | 1.6 | 8 |
| 107 | Sensitivity facilitation in the insect eye. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1977, 114, 35-49. | 1.6 | 8 |
| 108 | Cone contrast influence on components of the pattern onset/offset VECP. Ophthalmic and Physiological Optics, 2010, 30, 518-524. | 2.0 | 8 |

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|---|---|---|---|
| 109 | Pharmacokinetics, Electrophysiological, and Morphological Effects of the Intravitreal Injection of Mycophenolic Acid in Rabbits. Journal of Ocular Pharmacology and Therapeutics, 2014, 30, 502-511. | 1.4 | 8 |
| 110 | Psychophysical Evaluation of Congenital Colour Vision Deficiency: Discrimination between Protans and Deutans Using Mollon-Reffinâ€™s Ellipses and the Farnsworth-Munsell 100-Hue Test. PLoS ONE, 2016, 11, e0152214. | 2.5 | 8 |
| 111 | Psychophysical Measurements of Luminance Contrast Sensitivity and Color Discrimination with Transparent and Blue-Light Filter Intraocular Lenses. Ophthalmology and Therapy, 2017, 6, 301-312. | 2.3 | 8 |
| 112 | Influence of memory, attention, IQ and age on auditory temporal processing tests: preliminary study. CoDAS, 2014, 26, 105-111. | 0.7 | 7 |
| 113 | Low number of luminance levels in the luminance noise increases color discrimination thresholds estimated with pseudoisochromatic stimuli. Frontiers in Psychology, 2014, 5, 1291. | 2.1 | 7 |
| 114 | Human flicker electroretinography using different temporal modulations at mesopic and photopic luminance levels. Documenta Ophthalmologica, 2014, 129, 129-138. | 2.2 | 7 |
| 115 | Generalization of Sensory Auditory Learning to Top-Down Skills in a Randomized Controlled Trial. Journal of the American Academy of Audiology, 2015, 26, 019-029. | 0.7 | 7 |
| 116 | Intravitreal injection of polysorbate 80: a functional and morphological study. Revista Do Colegio Brasileiro De Cirurgioes, 2017, 44, 603-611. | 0.6 | 7 |
| 117 | Electroretinographical determination of human color vision type. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, B92. | 1.5 | 7 |
| 118 | Longitudinal visual acuity development in ZIKV-exposed children. Journal of AAPOS, 2020, 24, 23.e1-23.e6. | 0.3 | 7 |
| 119 | Neuropsychological alterations in mercury intoxication persist several years after exposure. Dementia E Neuropsychologia, 2008, 2, 91-95. | 0.8 | 6 |
| 120 | Color Discrimination Is Affected by Modulation of Luminance Noise in Pseudoisochromatic Stimuli. Frontiers in Psychology, 2016, 7, 1006. | 2.1 | 6 |
| 121 | Influence of Spatial and Chromatic Noise on Luminance Discrimination. Scientific Reports, 2017, 7, 16944. | 3.3 | 6 |
| 122 | L-/M-cone opponency in visual evoked potentials of human cortex. Journal of Vision, 2017, 17, 20. | 0.3 | 6 |
| 123 | Psychophysical Evaluation of Visual Functions of Ex-Alcoholic Subjects After Prolonged Abstinence. Frontiers in Neuroscience, 2019, 13, 179. | 2.8 | 6 |
| 124 | Preliminary Findings on the Optimization of Visual Performance in Patients with Age-Related Macular Degeneration Using Biofeedback Training. Applied Psychophysiology Biofeedback, 2019, 44, 61-70. | 1.7 | 6 |
| 125 | Structural Analysis of Glaucoma Brain and its Association With Ocular Parameters. Journal of Glaucoma, 2020, 29, 393-400. | 1.6 | 6 |
| 126 | Visual losses in early-onset and late-onset Parkinsonâ€™s disease. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, A285. | 1.5 | 6 |

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|---|---|---|---|
| 127 | The genetics of New World monkey visual pigments.. Psychology and Neuroscience, 2013, 6, 133-144. | 0.8 | 6 |
| 128 | Um retrato da Ã¡rea de NeurociÃªncia e comportamento no Brasil. Psicologia: Teoria E Pesquisa, 2010, 26, 123-129. | 0.1 | 5 |
| 129 | Using the Hard, Randy, and Rittler Test to Evaluate Color Vision in Capuchins (Cebus libidinosus). International Journal of Primatology, 2012, 33, 1467-1476. | 1.9 | 5 |
| 130 | Effects of sodium barbitone on learning and memory-storage of an appetitive and an aversive task. Pharmacology Biochemistry and Behavior, 1982, 17, 909-913. | 2.9 | 4 |
| 131 | Acuidade visual de resoluÃ§Ã£o de grades pelo mÃ©todo dos potenciais visuais evocados de varredura: padronizaÃ§Ã£o da metodologia para uso em cÃ£es. Brazilian Journal of Veterinary Research and Animal Science, 2006, 43, 86. | 0.2 | 4 |
| 132 | Response of carp (Cyprinus carpio) horizontal cells to heterochromatic flicker photometry. Visual Neuroscience, 2006, 23, 437-440. | 1.0 | 4 |
| 133 | Absence of ocular interaction in flicker ERG responses reflecting cone opponent and luminance signals. Documenta Ophthalmologica, 2010, 121, 69-75. | 2.2 | 4 |
| 134 | Chromatic spatial contrast sensitivity estimated by visual evoked cortical potential and psychophysics. Brazilian Journal of Medical and Biological Research, 2013, 46, 154-163. | 1.5 | 4 |
| 135 | Electrodiagnosis of dichromacy. Vision Research, 2019, 158, 135-145. | 1.4 | 4 |
| 136 | Genetic variability of the sws1 cone opsin gene among New World monkeys. American Journal of Primatology, 2020, 82, e23199. | 1.7 | 4 |
| 137 | Specificity of the chromatic noise influence on the luminance contrast discrimination to the color vision phenotype. Scientific Reports, 2020, 10, 17897. | 3.3 | 4 |
| 138 | Altered visual processing in the mdx52 mouse model of Duchenne muscular dystrophy. Neurobiology of Disease, 2021, 152, 105288. | 4.4 | 4 |
| 139 | Uniform trichromacy in Alouatta caraya and Alouatta seniculus: behavioural and genetic colour vision evaluation. Frontiers in Zoology, 2021, 18, 36. | 2.0 | 4 |
| 140 | Psychology & Neuroscience: The birth of a new journal.. Psychology and Neuroscience, 2008, 1, 1-2. | 0.8 | 4 |
| 141 | VisÃ£o de cores no primeiro ano de vida. Psicologia USP, 2007, 18, 83-97. | 0.1 | 4 |
| 142 | Psychophysical analysis of contrast processing segregated into magnocellular and parvocellular systems in asymptomatic carriers of 11778 Leber's hereditary optic neuropathy. Visual Neuroscience, 2008, 25, 711-711. | 1.0 | 3 |
| 143 | MÃ©todos utilizados na avaliaÃ§Ã£o psicofÃsica da visÃ£o de cores humana. Psicologia USP, 2011, 22, 197-222. | 0.1 | 3 |
| 144 | AvaliaÃ§Ã£o visual de sujeitos expostos de forma ocupacional a solventes orgÃ¢nicos atravÃ©s de mÃ©todos psicofÃsicos. Psicologia USP, 2011, 22, 117-145. | 0.1 | 3 |

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|---|---|---|---|
| 145 | Comparison of the reliability of multifocal visual evoked cortical potentials generated by pattern reversal and pattern pulse stimulation. Brazilian Journal of Medical and Biological Research, 2012, 45, 955-961. | 1.5 | 3 |
| 146 | Looking to the future: The American Psychological Association is the new publisher of Psychology & Neuroscience.. Psychology and Neuroscience, 2015, 8, 1-3. | 0.8 | 3 |
| 147 | Reduced Discrimination in the Tritanopic Confusion Line for Congenital Color Deficiency Adults. Frontiers in Psychology, 2016, 7, 429. | 2.1 | 3 |
| 148 | Maturation of Binocular, Monocular Grating Acuity and of the Visual Interocular Difference in the First 2 Years of Life. Clinical EEG and Neuroscience, 2018, 49, 159-170. | 1.7 | 3 |
| 149 | Contributions of the Melanopsin-Expressing Ganglion Cells, Cones, and Rods to the Pupillary Light Response in Obstructive Sleep Apnea. , 2019, 60, 3002. | | 3 |
| 150 | LWS visual pigment in owls: Spectral tuning inferred by genetics. Vision Research, 2019, 165, 90-97. | 1.4 | 3 |
| 151 | Characterization of the melanopsin gene (Opn4x) of diurnal and nocturnal snakes. BMC Evolutionary Biology, 2019, 19, 174. | 3.2 | 3 |
| 152 | Distribution of rods and cones in the redâ€eared turtle retina ( Trachemys scripta elegans ). Journal of Comparative Neurology, 2020, 528, 1548-1560. | 1.6 | 3 |
| 153 | South American Values of the Optical Straylight Function. Vision (Switzerland), 2020, 4, 2. | 1.2 | 3 |
| 154 | Simultaneous Expression of UV and Violet SWS1 Opsins Expands the Visual Palette in a Group of Freshwater Snakes. Molecular Biology and Evolution, 2021, 38, 5225-5240. | 8.9 | 3 |
| 155 | Analysis of individual and spatiotemporal variability in human cortical contrast response functions: further evaluation of separable high and low contrast processes. Journal of Vision, 2016, 16, 878. | 0.3 | 3 |
| 156 | Neuromotor development and visual acuity in premature infants submitted to early visuo-motor stimulation.. Psychology and Neuroscience, 2008, 1, 41-45. | 0.8 | 3 |
| 157 | Visual discrimination in the freshwater shrimp (Macrobrachium acanthurus). Behavioral Biology, 1977, 20, 116-121. | 2.2 | 2 |
| 158 | On peripheral and central explanations of temporal summation. Behavioral and Brain Sciences, 1979, 2, 286-287. | 0.7 | 2 |
| 159 | Medidas psicofÃsicas e eletrofisiolÃ³gicas da funÃ§Ã£o visual do recÃ©m nascido: uma revisÃ£o. Psicologia USP, 2006, 17, 15-33. | 0.1 | 2 |
| 160 | A aplicaÃ§Ã£o da neuropsicologia na pesquisa experimental: o exemplo da intoxicaÃ§Ã£o por vapor de mercÃºrio. Psicologia USP, 2006, 17, 287-300. | 0.1 | 2 |
| 161 | EspaÃ§o de cores. Psicologia USP, 2006, 17, 35-62. | 0.1 | 2 |
| 162 | Effects of Trophic Poisoning with Methylmercury on the Appetitive Elements of the Agonistic Sequence in Fighting-Fish (Betta Splendens). Spanish Journal of Psychology, 2007, 10, 436-448. | 2.1 | 2 |

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