# Ana Isabel Snchez-Cano

## List of Publications by Year in Descending Order



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| 44 papers | 423 citations | 12 h-index | 18 g-index |
| 51 ext. papers | 510 ext. citations | 3.2 avg, IF | 3.5 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 44 | Systemic epigallocatechin gallate protects against retinal degeneration and hepatic oxidative stress in the P23H-1 rat. *Neural Regeneration Research*, **2022**, 17, 625-631 | 4.5 | 3 |
| 43 | Effects of Daily Melatonin Supplementation on Visual Loss, Circadian Rhythms, and Hepatic Oxidative Damage in a Rodent Model of Retinitis Pigmentosa. *Antioxidants*, **2021**, 10, | 7.1 | 1 |
| 42 | Choroidal Thickness and Volume Modifications Induced by Aerobic Exercise in Healthy Young Adults. *Ophthalmic Research*, **2021**, 64, 604-612 | 2.9 | 2 |
| 41 | Changes in retinal layers in type 1 diabetes mellitus without retinopathy measured by spectral domain and swept source OCTs. *Scientific Reports*, **2021**, 11, 10427 | 4.9 | 2 |
| 40 | Evaluation of Visual and Nonvisual Levels of Daylight from Spectral Power Distributions Considering Orientation and Seasonality. *Applied Sciences (Switzerland)*, **2021**, 11, 5996 | 2.6 | 2 |
| 39 | Choroidal Differences between Spectral and Swept-source Domain Technologies. *Current Eye Research*, **2021**, 46, 239-247 | 2.9 | 1 |
| 38 | Ultrastructural evidence for telocytes in equine tendon. *Journal of Anatomy*, **2021**, 238, 527-535 | 2.9 | 2 |
| 37 | Microperimetry and Optical Coherence Tomography Changes in Type-1 Diabetes Mellitus without Retinopathy. *Diagnostics*, **2021**, 11, | 3.8 | 3 |
| 36 | GRINCU lens with conicoid iso-indicial surfaces: application for modeling the crystalline lens. *Optics Express*, **2021**, 29, 30998-31009 | 3.3 | 0 |
| 35 | Analysis of Photopic and Melanopic Lighting in Teaching Environments. *Buildings*, **2021**, 11, 439 | 3.2 | 1 |
| 34 | Choroidal Changes of Long-Term Type 1 Diabetic Patients without Retinopathy. *Diagnostics*, **2020**, 10, | 3.8 | 2 |
| 33 | Measurement method of optical properties of ex vivo biological tissues of rats in the near-infrared range. *Applied Optics*, **2020**, 59, D111-D117 | 1.7 | 4 |
| 32 | CHANGES IN TOTAL AND INNER RETINAL THICKNESSES IN TYPE 1 DIABETES WITH NO RETINOPATHY AFTER 8 YEARS OF FOLLOW-UP. *Retina*, **2020**, 40, 1379-1386 | 3.6 | 11 |
| 31 | Optimization of Lighting Projects Including Photopic and Circadian Criteria: A Simplified Action Protocol. *Applied Sciences (Switzerland)*, **2020**, 10, 8068 | 2.6 | 9 |
| 30 | Proposal to calculate the circadian component in lighting projects. *Optica Pura Y Aplicada*, **2019**, 52, 1-11 | 1 | 2 |
| 29 | Heteronuclear {TbxEu1−x} furoate 1D polymers presenting luminescent properties and SMM behavior. *Journal of Materials Chemistry C*, **2018**, 6, 5286-5299 | 7.1 | 15 |
| 28 | Hepatic oxidative stress in pigmented P23H rhodopsin transgenic rats with progressive retinal degeneration. *Free Radical Biology and Medicine*, **2018**, 124, 550-557 | 7.8 | 13 |

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| 27 | Development of optokinetic tracking software for objective evaluation of visual function in rodents. *Scientific Reports*, **2018**, 8, 10009 | 4.9 | 5 |
| 26 | Evaluation of anterior chamber parameters with spectral-domain optical coherence tomography. *Japanese Journal of Ophthalmology*, **2018**, 62, 209-215 | 2.6 | |
| 25 | Interocular Symmetry of Choroidal Thickness and Volume in Healthy Eyes on Optical Coherence Tomography. *Ophthalmic Research*, **2018**, 59, 81-87 | 2.9 | 6 |
| 24 | Ultrastructural and immunohistochemical study of phenotypic switch in gastrointestinal smooth muscle cells. *Microscopy Research and Technique*, **2018**, 81, 1233-1240 | 2.8 | 1 |
| 23 | Spectral attenuation of brain and retina tissues in the near-infrared range measured using a fiber-based supercontinuum device. *Journal of Biophotonics*, **2017**, 10, 1105-1109 | 3.1 | 5 |
| 22 | Study of spectral-domain optical coherence tomography in children: normal values and influence of age, sex, and refractive status. *European Journal of Ophthalmology*, **2016**, 26, 135-41 | 1.9 | 16 |
| 21 | Long time remodeling during retinal degeneration evaluated by optical coherence tomography, immunocytochemistry and fundus autofluorescence. *Experimental Eye Research*, **2016**, 150, 122-34 | 3.7 | 22 |
| 20 | Age-related changes in photosensitive melanopsin-expressing retinal ganglion cells correlate with circadian rhythm impairments in sighted and blind rats. *Chronobiology International*, **2016**, 33, 374-91 | 3.6 | 20 |
| 19 | Evaluation of Total Corneal Thickness and Corneal Layers With Spectral-Domain Optical Coherence Tomography. *Journal of Refractive Surgery*, **2016**, 32, 27-32 | 3.3 | 13 |
| 18 | Retinal Sensitivity in Patients with Type I Diabetes without Retinopathy or with Minor Retinal Changes. *Experimental and Clinical Endocrinology and Diabetes*, **2016**, 124, 613-617 | 2.3 | 6 |
| 17 | Reply: To PMID 24907431. *American Journal of Ophthalmology*, **2015**, 159, 818-9 | 4.9 | 1 |
| 16 | CHOROIDAL THICKNESS AND VOLUME IN A HEALTHY PEDIATRIC POPULATION AND ITS RELATIONSHIP WITH AGE, AXIAL LENGTH, AMETROPIA, AND SEX. *Retina*, **2015**, 35, 2574-83 | 3.6 | 14 |
| 15 | Assessment of Visual and Chromatic Functions in a Rodent Model of Retinal Degeneration **2015**, 56, 6275-83 | | 7 |
| 14 | Evaluation of patient visual comfort and repeatability of refractive values in non-presbyopic healthy eyes. *International Journal of Ophthalmology*, **2015**, 8, 1031-6 | 1.4 | 6 |
| 13 | Choroidal thickness and volume in healthy young white adults and the relationships between them and axial length, ammetropy and sex. *American Journal of Ophthalmology*, **2014**, 158, 574-83.e1 | 4.9 | 83 |
| 12 | In vitro vitamin K3 effect on conjunctival fibroblast migration and proliferation. *Scientific World Journal, The*, **2014**, 2014, 916713 | 2.2 | 1 |
| 11 | Correlation between SD-OCT, immunocytochemistry and functional findings in an animal model of retinal degeneration. *Frontiers in Neuroanatomy*, **2014**, 8, 151 | 3.6 | 32 |
| 10 | Comparison of anterior segment measurements obtained by three different devices in healthy eyes. *BioMed Research International*, **2014**, 2014, 498080 | 3 | 8 |

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| 9 | Repeatability of ocular measurements with a dual-Scheimpflug analyzer in healthy eyes. *BioMed Research International*, **2014**, 2014, 808646 | 3 | 10 |
| 8 | Changes in frequency-doubling perimetry in patients with type I diabetes prior to retinopathy. *BioMed Research International*, **2013**, 2013, 341269 | 3 | 11 |
| 7 | Reproducibility and repeatability of Cirrus and Spectralis Fourier-domain optical coherence tomography of healthy and epiretinal membrane eyes. *Retina*, **2013**, 33, 1448-55 | 3.6 | 19 |
| 6 | Topographic relationship between frequency-doubling technology threshold values. *Acta Ophthalmologica*, **2012**, 90, e144-50 | 3.7 | 2 |
| 5 | Comparison of Keeler Pulsair EasyEye tonometer and Ocular Response Analyzer for measuring intraocular pressure in healthy eyes. *Journal of Optometry*, **2012**, 5, 139-146 | 2.6 | 1 |
| 4 | The effect of phacoemulsification cataract surgery on polarimetry and tomography measurements for glaucoma diagnosis. *Journal of Glaucoma*, **2010**, 19, 468-74 | 2.1 | 17 |
| 3 | Scanning laser polarimetry with variable corneal compensation to detect preperimetric glaucoma using logistic regression analysis. *Ophthalmologica*, **2009**, 223, 256-62 | 3.7 | 2 |
| 2 | Magnification characteristics of the Optical Coherence Tomograph STRATUS OCT 3000. *Ophthalmic and Physiological Optics*, **2008**, 28, 21-8 | 4.1 | 27 |
| 1 | Preperimetric glaucoma assessment with scanning laser polarimetry (GDx VCC): analysis of retinal nerve fiber layer by sectors. *Journal of Glaucoma*, **2007**, 16, 659-64 | 2.1 | 12 |