

Francisco Prez-Ocn

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2170660/francisco-perez-ocon-publications-by-year.pdf>
Version: 2024-04-11

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22 papers	283 citations	10 h-index	16 g-index
26 ext. papers	322 ext. citations	3.3 avg, IF	3.03 L-index

#	Paper	IF	Citations
22	Sensors for Continuous Measuring of Sucrose Solutions Using Surface Plasmon Resonance. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 1350	2.6	1
21	Surface Plasmon Resonance Sensor of CO ₂ for Indoors and Outdoors. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6869	2.6	1
20	Continuous Measurement With Three-in-One Plasmon Sensor in Sucrose Solutions. <i>IEEE Sensors Journal</i> , 2021 , 21, 6280-6286	4	2
19	Application of a Differential Evolution Algorithm in the Design of Public Lighting Installations Maximizing Energy Efficiency. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 2020 , 16, 217-227	3.5	7
18	A Continuous Liquid-Level Sensor for Fuel Tanks Based on Surface Plasmon Resonance. <i>Sensors</i> , 2016 , 16,	3.8	23
17	A simple and accurate model for the design of public lighting with energy efficiency functions based on regression analysis. <i>Energy</i> , 2016 , 107, 831-842	7.9	24
16	A simple method for designing efficient public lighting, based on new parameter relationships. <i>Expert Systems With Applications</i> , 2013 , 40, 7305-7315	7.8	34
15	Theoretical analysis of the effect of pupil size, initial myopic level, and optical zone on quality of vision after corneal refractive surgery. <i>Journal of Refractive Surgery</i> , 2012 , 28, 901-6	3.3	20
14	Extension of the Rotating Planar Waveguide Model to Formation of Interference Patterns in Optical Fibers. <i>Journal of the Optical Society of Korea</i> , 2011 , 15, 128-131		
13	Retinal-image quality and contrast-sensitivity function in age-related macular degeneration. <i>Current Eye Research</i> , 2010 , 35, 757-61	2.9	10
12	The rotating planar dielectric waveguide model in wave optics: results for step-index profile optical fibers. <i>Journal of Optics (United Kingdom)</i> , 2010 , 12, 035103	1.7	1
11	Intelligent sensor for tracking and monitoring of blood temperature and hemoderivatives used for transfusions. <i>Sensors and Actuators A: Physical</i> , 2009 , 152, 241-247	3.9	13
10	Optical image quality and visual performance for patients with keratitis. <i>Cornea</i> , 2009 , 28, 783-8	3.1	28
9	Planar dielectric waveguides in rotation are optical fibers: comparison with the classical model. <i>Optics Express</i> , 2008 , 16, 927-36	3.3	2
8	Objective and subjective optical-quality measurements in subjects with keratitis and age-related macular degeneration. <i>Journal of Modern Optics</i> , 2008 , 55, 2371-2380	1.1	4
7	Stability and Reproducibility of Radiometric Properties of Light Curing Units (LCUs). Part I: QTH LCUs. <i>Dental Materials Journal</i> , 2008 , 27, 284-291	2.5	4
6	Stability and reproducibility of radiometric properties of light curing units (LCUs). Part II: LED LCUs. <i>Dental Materials Journal</i> , 2008 , 27, 292-9	2.5	3

5	Fast single-mode characterization of optical fiber by finite-difference time-domain method. <i>Journal of Lightwave Technology</i> , 2006 , 24, 3129-3136	4	5
4	Fiber-optic liquid-level continuous gauge. <i>Sensors and Actuators A: Physical</i> , 2006 , 125, 124-132	3.9	35
3	Correction factor for ablation algorithms used in corneal refractive surgery with gaussian-profile beams. <i>Optics Express</i> , 2005 , 13, 336-43	3.3	28
2	Corneal asphericity after refractive surgery when the Munnerlyn formula is applied. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2004 , 21, 98-103	1.8	33
1	Exponential discretization of the Perfectly Matched Layer (PML) absorbing boundary condition simulation in FD-TD 3D. <i>Optik</i> , 2002 , 113, 354-360	2.5	5