

Rafael Guzman-Cabrera

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

187
citations

1162889

8
h-index

1058333

14
g-index

28
all docs

28
docs citations

28
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	Modal analysis of thin long-range plasmonic waveguides. <i>Optik</i> , 2021, 228, 165840.	1.4	0
2	Optical Sensing Using Fiber-Optic Multimode Interference Devices: A Review of Nonconventional Sensing Schemes. <i>Sensors</i> , 2021, 21, 1862.	2.1	33
3	Modification of the Marching Cubes Algorithm to Obtain a 3D Representation of a Planar Image. <i>Programming and Computer Software</i> , 2021, 47, 215-223.	0.5	2
4	Authorship attribution of Spanish poems using n-grams and the web as corpus. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 39, 2391-2396.	0.8	2
5	Digital processing of ultrasound images on dilated blood vessels from diabetic patients. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 39, 2559-2564.	0.8	0
6	Qualitative evaluation of ferritin in serum samples by Raman spectroscopy and principal component analysis. <i>Lasers in Medical Science</i> , 2019, 34, 35-40.	1.0	7
7	Classification of opinions in cross domains involving emotive values. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 4877-4887.	0.8	1
8	Generation of Raman images through spectral mappings. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 4991-4999.	0.8	0
9	A proposal to measure the similarity between retinal vessel segmentations images. <i>Nova Scientia</i> , 2019, 11, 224-245.	0.0	2
10	Evaluation of micronuclei in oral mucosa of individuals exposed to ionizing radiation: a pilot study from Celaya, MÃ©xico. <i>Central Asian Journal of Global Health</i> , 2019, 8, 331.	0.6	1
11	Evaluation of electromagnetic performance of emerging failures in electrical machines using computational simulation. <i>Electrical Engineering</i> , 2018, 100, 1491-1496.	1.2	0
12	Enhanced Quality Control in Pharmaceutical Applications by Combining Raman Spectroscopy and Machine Learning Techniques. <i>International Journal of Thermophysics</i> , 2018, 39, 1.	1.0	11
13	Biosensing using long-range surface plasmon structures. , 2018, , .		1
14	Measuring similarity between Karel programs using character and word n-grams. <i>Programming and Computer Software</i> , 2017, 43, 47-50.	0.5	8
15	Parkinson's disease: Improved diagnosis using image processing. , 2017, , .		4
16	Fabrication of micro-optical magnetic sensor. , 2017, , .		0
17	Tunable field depth: hyperbolic optical masks. <i>Applied Optics</i> , 2017, 56, A104.	2.1	9
18	Hadamard circular masks: high focal depth with high throughput. <i>Optics Express</i> , 2017, 25, 17004.	1.7	8

#	ARTICLE	IF	CITATIONS
19	Pseudo-random masks for angular alignment. Applied Optics, 2017, 56, 7869.	0.9	2
20	Tunable sinusoidal Phase Gratings and sinusoidal Phase Zone Plates. Photonics Letters of Poland, 2017, 9, 57.	0.2	0
21	Comparative Analysis of Thermography Studies and Electrical Measurement of Partial Discharges in Underground Power Cables. International Journal of Thermophysics, 2015, 36, 2356-2369.	1.0	1
22	Pattern Recognition in Photoacoustic Dataset. International Journal of Thermophysics, 2013, 34, 1638-1645.	1.0	3
23	Digital Image Processing Technique for Breast Cancer Detection. International Journal of Thermophysics, 2013, 34, 1519-1531.	1.0	44
24	A Highly Sensitive Fiber Optic Sensor Based on Two-Core Fiber for Refractive Index Measurement. Sensors, 2013, 13, 14200-14213.	2.1	29
25	Using the Web as corpus for self-training text categorization. Information Retrieval, 2009, 12, 400-415.	1.6	13
26	A Web-Based Self-training Approach for Authorship Attribution. Lecture Notes in Computer Science, 2008, , 160-168.	1.0	6
27	Searching the web for significant word sense collocations. , 2006, , .		0
28	Aplicaci3n web para la administraci3n de formatos y solicitud de comisi3n. Journal of Technology and Innovation, 0, , 1-7.	0.0	0