

# Sebastián E Godoy

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

258  
citations

933447

10  
h-index

1058476

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection theory for accurate and non-invasive skin cancer diagnosis using dynamic thermal imaging. Biomedical Optics Express, 2017, 8, 2301.	2.9	42
2	Dynamic infrared imaging for skin cancer screening. Infrared Physics and Technology, 2015, 70, 147-152.	2.9	38
3	Slight pH Fluctuations in the Gold Nanoparticle Synthesis Process Influence the Performance of the Citrate Reduction Method. Sensors, 2018, 18, 2246.	3.8	34
4	High operating temperature interband cascade focal plane arrays. Applied Physics Letters, 2014, 105, .	3.3	30
5	Noise-cancellation-based nonuniformity correction algorithm for infrared focal-plane arrays. Applied Optics, 2008, 47, 5394.	2.1	27
6	Improved Antibiotic Detection in Raw Milk Using Machine Learning Tools over the Absorption Spectra of a Problem-Specific Nanobiosensor. Sensors, 2020, 20, 4552.	3.8	14
7	Data compressive paradigm for multispectral sensing using tunable DWELL mid-infrared detectors. Optics Express, 2011, 19, 19454.	3.4	12
8	Joint de-blurring and nonuniformity correction method for infrared microscopy imaging. Infrared Physics and Technology, 2018, 90, 199-206.	2.9	12
9	Barrier Selection Rules for Quantum Dots-in-a-Well Infrared Photodetector. IEEE Journal of Quantum Electronics, 2012, 48, 1243-1251.	1.9	10
10	An Instrument for Accurate and Non-Invasive Screening of Skin Cancer Based on Multimodal Imaging. IEEE Access, 2019, 7, 176646-176657.	4.2	10
11	Embedded registration of visible and infrared images in real time for noninvasive skin cancer screening. Microprocessors and Microsystems, 2017, 55, 70-81.	2.8	8
12	A novel approach to study the pMDI plume using an infrared camera and to evaluate the aerodynamic properties after varying the time between actuations. International Journal of Pharmaceutics, 2017, 526, 41-49.	5.2	6
13	Model-Based Edge Detector for Spectral Imagery Using Sparse Spatospectral Masks. IEEE Transactions on Image Processing, 2014, 23, 2315-2327.	9.8	4
14	Embedded Multimodal Registration of Visible Images on Long-Wave Infrared Video in Real Time. , 2016, , .		4
15	A novel readout circuit for on-sensor multispectral classification. , 2014, , .		2
16	Infrared Microscopy Imaging of Index-Finger Pads. IEEE Access, 2018, 6, 31148-31156.	4.2	2
17	Hardware Acceleration of k-Mer Clustering using Locality-Sensitive Hashing. , 2019, , .		2
18	An embedded system for image segmentation and multimodal registration in noninvasive skin cancer screening. , 2017, 2017, 636-639.		1

#	ARTICLE	IF	CITATIONS
19	Compressive multispectral sensing algorithm with tunable quantum dots-in-a-well infrared photodetectors. , 2011, , .		0
20	Classifier-enhanced algorithm for compressive spatio-spectral edge detection. , 2012, , .		0