

# Suren Jayasuriya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1025869/publications.pdf>

Version: 2024-02-01

26  
papers

182  
citations

1478505

6  
h-index

1372567

10  
g-index

26  
all docs

26  
docs citations

26  
times ranked

168  
citing authors

#	ARTICLE	IF	CITATIONS
1	Slope Disparity Gating: System and Applications. IEEE Transactions on Computational Imaging, 2022, 8, 317-332.	4.4	2
2	Programmable Non-Epipolar Indirect Light Transport: Capture and Analysis. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 2421-2436.	4.4	10
3	Touch Sensing for a Projected Screen Using Slope Disparity Gating. IEEE Access, 2021, 9, 106005-106013.	4.2	7
4	Studentsâ€™ implicit epistemologies when working at the intersection of engineering and the arts. International Journal of STEM Education, 2021, 8, .	5.0	6
5	Dense Lissajous sampling and interpolation for dynamic light-transport. Optics Express, 2021, 29, 18362.	3.4	4
6	Altered speech patterns in subjects with post-traumatic headache due to mild traumatic brain injury. Journal of Headache and Pain, 2021, 22, 82.	6.0	9
7	Computational Imaging for Human Activity Analysis. Intelligent Systems Reference Library, 2021, , 165-184.	1.2	0
8	Improved Flying-Spot Projector Design for Dense Dynamic Light-Transport Capture. , 2021, , .		0
9	Zen and the Art of STEAM: Student Knowledge and Experiences in Interdisciplinary and Traditional Engineering Capstone Experiences. , 2021, , .		0
10	Use of AI-Generated Visual Media in Interviews to Understand Power Differentials in Gender, Romantic, and Sexual Minority Students. , 2021, , .		0
11	A 3D GAN Architecture for Volumetric Synthetic Aperture Sonar. , 2021, , .		0
12	Implicit Neural Representations for Deconvolving SAS Images. , 2021, , .		6
13	Design and FPGA Implementation of an Adaptive video Subsampling Algorithm for Energy-Efficient Single Object Tracking. , 2020, , .		8
14	Analyzing Sensor Quantization Of Raw Images For Visual Slam. , 2020, , .		2
15	ODO: Design of Multimodal Chatbot for an Experiential Media System. Multimodal Technologies and Interaction, 2020, 4, 68.	2.5	6
16	Design and Calibration of a Fast Flying-Dot Projector for Dynamic Light Transport Acquisition. IEEE Transactions on Computational Imaging, 2020, 6, 529-543.	4.4	7
17	Slope Disparity Gating using a Synchronized Projector-Camera System. , 2019, , .		9
18	Coupling Rendering and Generative Adversarial Networks for Artificial SAS Image Generation. , 2019, , .		12

#	ARTICLE	IF	CITATIONS
19	Adaptive Video Subsampling For Energy-Efficient Object Detection. , 2019, , .		8
20	An REU Experience in Machine Learning and Computational Cameras. , 2019, , .		1
21	CS-VQA: Visual Question Answering with Compressively Sensed Images. , 2018, , .		8
22	Acquiring and characterizing plane-to-ray indirect light transport. , 2018, , .		10
23	Changing Cycle Lengths in State-Transition Models. Medical Decision Making, 2016, 36, 952-964.	2.4	38
24	Depth Fields: Extending Light Field Techniques to Time-of-Flight Imaging. , 2015, , .		12
25	Dual light field and polarization imaging using CMOS diffractive image sensors. Optics Letters, 2015, 40, 2433.	3.3	11
26	Effects of Time-Dependent Stimuli in a Competitive Neural Network Model of Perceptual Rivalry. Bulletin of Mathematical Biology, 2012, 74, 1396-1426.	1.9	6