Christian P Riess

List of Publications by Year
in descending order

19 papers	816 citations	933447 10 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	916 citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Metric Color Embeddings for Splicing Localization in Severely Degraded Images. IEEE Transactions on Information Forensics and Security, 2022, 17, 2614-2627.	6.9	1
2	Reliable Camera Model Identification Using Sparse Gaussian Processes. IEEE Signal Processing Letters, 2021, 28, 912-916.	3.6	6
3	The Forchheim Image Database for Camera Identification in the Wild. Lecture Notes in Computer Science, 2021, , 500-515.	1.3	18
4	Learning to Decipher License Plates in Severely Degraded Images. Lecture Notes in Computer Science, 2021, , 544-559.	1.3	5
5	Segmentation of photovoltaic module cells in uncalibrated electroluminescence images. Machine Vision and Applications, 2021, 32, 1.	2.7	39
6	Sequence-Based Recognition of License Plates with Severe Out-of-Distribution Degradations. Lecture Notes in Computer Science, 2021, , 175-185.	1.3	3
7	Adaptive Quantile Sparse Image (AQuaSI) Prior for Inverse Imaging Problems. IEEE Transactions on Computational Imaging, 2020, 6, 503-517.	4.4	5
8	Truncation Correction for X-ray Phase-Contrast Region-of-Interest Tomography. IEEE Transactions on Computational Imaging, 2020, 6, 625-639.	4.4	5
9	A 3-D Projection Model for X-ray Dark-field Imaging. Scientific Reports, 2019, 9, 9216.	3.3	6
10	Fast and Efficient Limited Data Hyperspectral Remote Sensing Image Classification via GMM-Based Synthetic Samples. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 2107-2120.	4.9	10
11	A gentle introduction to deep learning in medical image processing. Zeitschrift Fur Medizinische Physik, 2019, 29, 86-101.	1.5	344
12	Automatic classification of defective photovoltaic module cells in electroluminescence images. Solar Energy, 2019, 185, 455-468.	6.1	250
13	Talbot-Lau x-ray phase-contrast setup for fast scanning of large samples. Scientific Reports, 2019, 9, 4199.	3.3	17
14	Implementation of a Talbot-Lau interferometer in a clinical-like c-arm setup: A feasibility study. Scientific Reports, 2018, 8, 2325.	3.3	21
15	Geometric primitive refinement for structured light cameras. Machine Vision and Applications, 2018, 29, 313-327.	2.7	5
16	GMM-Based Synthetic Samples for Classification of Hyperspectral Images With Limited Training Data. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 942-946.	3.1	25
17	Handling multiple materials for exposure of digital forgeries using 2-D lighting environments. Multimedia Tools and Applications, 2017, 76, 4747-4764.	3.9	11
18	Kinect-Based Correction of Overexposure Artifacts in Knee Imaging with C-Arm CT Systems. International Journal of Biomedical Imaging, 2016, 2016, 1-15.	3.9	13

#	Article	IF	Citations
19	Reconstruction of scalar and vectorial components in X-ray dark-field tomography. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12699-12704.	7.1	32