

# Christian P Riess

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

816  
citations

932766

10  
h-index

794141

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

916  
citing authors

#	ARTICLE	IF	CITATIONS
1	A gentle introduction to deep learning in medical image processing. Zeitschrift Fur Medizinische Physik, 2019, 29, 86-101.	0.6	344
2	Automatic classification of defective photovoltaic module cells in electroluminescence images. Solar Energy, 2019, 185, 455-468.	2.9	250
3	Segmentation of photovoltaic module cells in uncalibrated electroluminescence images. Machine Vision and Applications, 2021, 32, 1.	1.7	39
4	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.	3.3	32
5	GMM-Based Synthetic Samples for Classification of Hyperspectral Images With Limited Training Data. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 942-946.	1.4	25
6	Implementation of a Talbot-Lau interferometer in a clinical-like c-arm setup: A feasibility study. Scientific Reports, 2018, 8, 2325.	1.6	21
7	The Forchheim Image Database for Camera Identification in the Wild. Lecture Notes in Computer Science, 2021, , 500-515.	1.0	18
8	Talbot-Lau x-ray phase-contrast setup for fast scanning of large samples. Scientific Reports, 2019, 9, 4199.	1.6	17
9	Kinect-Based Correction of Overexposure Artifacts in Knee Imaging with C-Arm CT Systems. International Journal of Biomedical Imaging, 2016, 2016, 1-15.	3.0	13
10	Handling multiple materials for exposure of digital forgeries using 2-D lighting environments. Multimedia Tools and Applications, 2017, 76, 4747-4764.	2.6	11
11	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.	2.3	10
12	A 3-D Projection Model for X-ray Dark-field Imaging. Scientific Reports, 2019, 9, 9216.	1.6	6
13	Reliable Camera Model Identification Using Sparse Gaussian Processes. IEEE Signal Processing Letters, 2021, 28, 912-916.	2.1	6
14	Geometric primitive refinement for structured light cameras. Machine Vision and Applications, 2018, 29, 313-327.	1.7	5
15	Adaptive Quantile Sparse Image (AQuaSI) Prior for Inverse Imaging Problems. IEEE Transactions on Computational Imaging, 2020, 6, 503-517.	2.6	5
16	Truncation Correction for X-ray Phase-Contrast Region-of-Interest Tomography. IEEE Transactions on Computational Imaging, 2020, 6, 625-639.	2.6	5
17	Learning to Decipher License Plates in Severely Degraded Images. Lecture Notes in Computer Science, 2021, , 544-559.	1.0	5
18	Sequence-Based Recognition of License Plates with Severe Out-of-Distribution Degradations. Lecture Notes in Computer Science, 2021, , 175-185.	1.0	3

#	ARTICLE	IF	CITATIONS
19	Deep Metric Color Embeddings for Splicing Localization in Severely Degraded Images. IEEE Transactions on Information Forensics and Security, 2022, 17, 2614-2627.	4.5	1