

# Yuntao Wu

## List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	From Simulated to Visual Data: A Robust Low-Rank Tensor Completion Approach Using $\ell_{2,1}$ -Regression for Outlier Resistance. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3462-3474.	8.3	13
2	A Light Field Display Realization with a Nematic Liquid Crystal Microlens Array and a Polymer Dispersed Liquid Crystal Film. Photonics, 2022, 9, 244.	2.0	3
3	Fast and Accurate Approach for DOA Estimation of Coherent Signals. Wireless Communications and Mobile Computing, 2022, 2022, 1-7.	1.2	1
4	DOA Estimation in Non-Uniform Noise Using Matrix Completion via Alternating Projection. IEEE Open Journal of Antennas and Propagation, 2021, 2, 281-285.	3.7	3
5	LiCaAlF <sub>6</sub> :Eu and LiCaAlF <sub>6</sub> :Ce Single Crystals Grown by the Vertical Bridgman Method in a Nonvacuum Atmosphere and Their Optical and Scintillation Properties. Crystal Growth and Design, 2021, 21, 847-853.	3.0	5
6	Non-Hygroscopic, Self-Absorption Free, and Efficient 1D CsCu <sub>2</sub> I <sub>3</sub> Perovskite Single Crystal for Radiation Detection. ACS Applied Materials & Interfaces, 2021, 13, 12198-12202.	8.0	52
7	Ultrabright and Highly Efficient All-Inorganic Zero-Dimensional Perovskite Scintillators. Advanced Optical Materials, 2021, 9, 2100460.	7.3	79
8	Multi-View Texture Learning for Face Super-Resolution. IEICE Transactions on Information and Systems, 2021, E104.D, 1028-1038.	0.7	1
9	Face Super-Resolution via Hierarchical Multi-Scale Residual Fusion Network. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, E104.A, 1365-1369.	0.3	3
10	Undoped and Tl-Doped Cs <sub>3</sub> Cu <sub>2</sub> I <sub>5</sub> Thin Films as Potential X-ray Scintillators. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2100422.	2.4	9
11	Effects of different Eu concentrations and Cu, Mg or Ba ions co-doping on optical and scintillation properties of LiCaAlF <sub>6</sub> :Eu single crystals. Radiation Measurements, 2021, 147, 106638.	1.4	1
12	Track-Before-Detect Procedures in AM Radio-Based Passive Radar. International Journal of Antennas and Propagation, 2021, 2021, 1-12.	1.2	1
13	Unitary root-MUSIC based on tensor mode-R algorithm for multidimensional sinusoidal frequency estimation without pairing parameters. Multidimensional Systems and Signal Processing, 2020, 31, 491-501.	2.6	6
14	Investigation of CeBr <sub>3</sub> scintillators. Journal of Crystal Growth, 2020, 531, 125365.	1.5	12
15	Resolution Improvement of Light Field Imaging via a Nematic Liquid Crystal Microlens with Added Multi-Walled Carbon Nanotubes. Sensors, 2020, 20, 5557.	3.8	6
16	Seeing Pedestrian in the Dark via Multi-Task Feature Fusing-Sharing Learning for Imaging Sensors. Sensors, 2020, 20, 5852.	3.8	7
17	DOA Estimation by Two-Dimensional Interpolation in the Presence of Mutual Coupling. , 2020, , .		2
18	Feature Matching for Remote Sensing Image Registration via Manifold Regularization. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4564-4574.	4.9	8

#	ARTICLE	IF	CITATIONS
19	Zero-Dimensional Cs <sub>3</sub> Cu <sub>2</sub> I <sub>5</sub> Perovskite Single Crystal as Sensitive X-Ray and <sup>137</sup> I <sub>131</sub> Scintillator. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020, 14, 2000374.	2.4	87
20	Optical and Scintillation Properties of Hf <sup>3+</sup> Codoped Sr <sub>1-x</sub> Eu <sup>2+</sup> Single Crystals. <i>IEEE Transactions on Nuclear Science</i> , 2020, 67, 876-879.	2.0	6
21	Role of Lithium Codoping in Enhancing the Scintillation Yield of Aluminate Garnets. <i>Physical Review Applied</i> , 2020, 13, .	3.8	8
22	Self-assembled <sup>nat</sup> LiCl <sub>2</sub> -CeCl <sub>3</sub> directionally solidified eutectics for thermal neutron detection. <i>CrystEngComm</i> , 2020, 22, 3269-3273.	2.6	5
23	Transform Domain: Design of Closed-Form Joint 2-D DOA Estimation Based on QR Decomposition. <i>Circuits, Systems, and Signal Processing</i> , 2020, 39, 5318-5329.	2.0	2
24	Multidimensional Single-Tone Frequency Estimation Based on QR Decomposition. <i>IEEE Access</i> , 2019, 7, 68153-68159.	4.2	1
25	Unraveling the Critical Role of Site Occupancy of Lithium Codopants in Lu <sub>2</sub> SiO <sub>5</sub> :Ce <sup>3+</sup> Single-Crystalline Scintillators. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 8194-8201.	8.0	24
26	Czochralski Growth, Optical, Scintillation, and Defect Properties of Cu <sup>2+</sup> Codoped Lu <sub>2</sub> SiO <sub>5</sub> :Ce <sup>3+</sup> Single Crystals. <i>Crystal Growth and Design</i> , 2019, 19, 4081-4089.	3.0	20
27	On the Role of Li <sup>+</sup> Codoping in Simultaneous Improvement of Light Yield, Decay Time, and Afterglow of Lu <sub>2</sub> SiO <sub>5</sub> :Ce <sup>3+</sup> Scintillation Detectors. <i>Physica Status Solidi - Rapid Research Letters</i> , 2019, 13, 1800472.	2.4	16
28	Tailoring the Properties of Europium-Doped Potassium Calcium Iodide Scintillators Through Defect Engineering. <i>Physica Status Solidi - Rapid Research Letters</i> , 2018, 12, 1700403.	2.4	7
29	DOA Estimation for Echo Signals and Experimental Results in the AM Radio-Based Passive Radar. <i>IEEE Access</i> , 2018, 6, 73316-73327.	4.2	7
30	Discovery of New Compounds and Scintillators of the A <sub>4</sub> BX <sub>6</sub> Family: Crystal Structure, Thermal, Optical, and Scintillation Properties. <i>Crystal Growth and Design</i> , 2018, 18, 5220-5230.	3.0	7
31	Zero-dimensional Cs <sub>4</sub> EuX <sub>6</sub> (X = Br, I) all-inorganic perovskite single crystals for gamma-ray spectroscopy. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6647-6655.	5.5	66
32	Neighbors isometric embedding nonnegative matrix factorization for image representation. <i>Multidimensional Systems and Signal Processing</i> , 2017, 28, 529-547.	2.6	2
33	Single crystal and optical ceramic multicomponent garnet scintillators: A comparative study. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 780, 45-50.	1.6	40
34	A novel LiCl <sub>2</sub> -BaCl <sub>2</sub> :Eu <sup>2+</sup> eutectic scintillator for thermal neutron detection. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 797, 319-323.	1.6	7
35	R-D Frequency estimation of multidimensional sinusoids based on eigenvalues and eigenvectors. <i>Multidimensional Systems and Signal Processing</i> , 2015, 26, 777-786.	2.6	3
36	Ultralow-concentration Sm codoping in CsI:Tl scintillator: A case of little things can make a big difference. <i>Optical Materials</i> , 2014, 38, 297-300.	3.6	13

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37	Multiple near-field source localisation with uniform circular array. Electronics Letters, 2013, 49, 1509-1510.	1.0	22
38	Using cloud computing platform to implement Air Quality Monitoring System. , 2013, , .		0
39	Joint frequency-elevation-azimuth estimation without pairing using L-shaped array. , 2012, , .		1
40	Multidimensional Sinusoidal Frequency Estimation Using Subspace and Projection Separation Approaches. IEEE Transactions on Signal Processing, 2012, 60, 5536-5543.	5.3	22
41	A Cooperative Semantic Caching Scheme for Super-Peer Networks. , 2009, , .		0
42	Subspace-Based Algorithm for Parameter Estimation of Polynomial Phase Signals. IEEE Transactions on Signal Processing, 2008, 56, 4977-4983.	5.3	34
43	Multiple-input multiple-output with frequency diverse array radar transmit beamforming design for low-probability-of-intercept in cluttered environments. IET Signal Processing, 0, , .	1.5	2