

A Survey on Ultraviolet C-Band (UV-C) Communication

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Citation Report

#	ARTICLE	IF	CITATIONS
1	High-Speed Ultraviolet-C Photodetector Based on Frequency Down-Converting CsPbBr ₃ Perovskite Nanocrystals on Silicon Platform. , 2019, , .		1
2	Artificial neural network-based threshold detection for OOK-VLC Systems. Optics Communications, 2020, 460, 125107.	1.0	5
3	Superior Deep-Ultraviolet Source Pumped by an Electron Beam for NLOS Communication. IEEE Transactions on Electron Devices, 2020, 67, 3391-3394.	1.6	5
4	Ultraviolet optoelectronic devices based on AlGa _N -SiC platform: Towards monolithic photonics integration system. Nano Energy, 2020, 77, 105149.	8.2	94
5	Optimum Cooperative Spectrum Sensing Technique for Multiuser Ultraviolet Wireless Communications. , 2020, , .		2
6	Polarization detection in deep-ultraviolet light with monoclinic gallium oxide nanobelts. Nanoscale Advances, 2020, 2, 2705-2712.	2.2	18
7	Outdoor Optical Wireless Communication: potentials, standardization and challenges for Smart Cities. , 2020, , .		9
8	Non-Coherent Detection for Ultraviolet Communications With Inter-Symbol Interference. Journal of Lightwave Technology, 2020, 38, 4699-4707.	2.7	9
9	Performance Modeling of Ultraviolet Atmospheric Scattering of Different Light Sources Based on Monte Carlo Method. Applied Sciences (Switzerland), 2020, 10, 3564.	1.3	5
10	Novel Indoor Ultraviolet Wireless Communication: Design Implementation, Channel Modeling, and Challenges. IEEE Systems Journal, 2021, 15, 2349-2360.	2.9	23
11	AlGa _N -based thin-film ultraviolet laser diodes and light-emitting diodes. Semiconductors and Semimetals, 2021, 107, 345-391.	0.4	0
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17	High Data Transfer Rate Spatial Division Multiplexing for Short Range non-Line-of-Sight Ultraviolet Optical Transmission. IEEE Photonics Journal, 2021, 13, 1-19.	1.0	2
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19	Ultraviolet communication technique and its application. Journal of Semiconductors, 2021, 42, 081801.	2.0	34
20	Single-scatter path loss model of LED-based non-line-of-sight ultraviolet communications. Optics Letters, 2021, 46, 4013.	1.7	8
21	Modeling of UV diffused-LOS communication channel incorporating obstacle and its applicability analysis. Optics Letters, 2021, 46, 4578.	1.7	4
22	The realization of a wide-angle voice transmission non-line-of-sight ultraviolet communication system. Journal of Semiconductors, 2021, 42, 092301.	2.0	8
23	Performance of Multiple Relay DF NLOS UVC System With CSI Imperfections. IEEE Open Journal of the Communications Society, 2021, 2, 602-616.	4.4	6
24	Ultraviolet-to-blue color-converting scintillating-fibers photoreceiver for 375-nm laser-based underwater wireless optical communication. Optics Express, 2019, 27, 30450.	1.7	52
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26	Modeling of ultraviolet scattering propagation and its applicability analysis. Optics Letters, 2019, 44, 4953.	1.7	10
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36	High-Dimensional Feature Based Non-Coherent Detection for Multi-Intensity Modulated Ultraviolet Communications. Journal of Lightwave Technology, 2022, 40, 1879-1887.	2.7	9

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42	Modeling of ultraviolet propagation from air to human epidermis with wavelength range of 200â€‰â€‰300Ânm. Optics Letters, 2022, 47, 1662.	1.7	1
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45	Communication based on scattered laser radiation in a medium with high turbidity or in the presence of a noise source. Journal of Physics: Conference Series, 2021, 2140, 012009.	0.3	0
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47	Surmounting the interband threshold limit by the hot electron excitation of multi-metallic plasmonic AgAuCu NPs for UV photodetector application. CrystEngComm, 2022, 24, 4134-4143.	1.3	3
48	Highly efficient UV detection in a metalâ€‰â€‰semiconductorâ€‰â€‰metal detector with epigraphene. Applied Physics Letters, 2022, 120, .	1.5	6
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84	A 1 km Line-of-Sight Ultraviolet Communication System with a Data Rate of 26.6kbps. , 2023, , .		0
87	Gigabit Per Second UV-C LEDs for Communications. , 2023, , .		0