

Asghar Gholami

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

411
citations

840776

11
h-index

794594

19
g-index

30
all docs

30
docs citations

30
times ranked

399
citing authors

#	ARTICLE	IF	CITATIONS
1	Special Issue on Light Communications: Latest Advances and Prospects. Applied Sciences (Switzerland), 2022, 12, 2349.	2.5	1
2	The effect of exposure time on the performance of an underwater optical camera communication system. , 2022, , .		1
3	Investigation of the Scattering Noise in Underwater Optical Wireless Communications. Sci, 2021, 3, 27.	3.0	4
4	Fundamental Analysis of Vehicular Light Communications and the Mitigation of Sunlight Noise. IEEE Transactions on Vehicular Technology, 2021, 70, 5932-5943.	6.3	7
5	Modeling turbulence in underwater wireless optical communications based on Monte Carlo simulation: erratum. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2021, 38, 1130.	1.5	5
6	Experimental Investigation of the Photocapacitance Effect in Organic Heterojunction Devices. Transactions on Electrical and Electronic Materials, 2020, 21, 394-398.	1.9	5
7	Investigation of a WDM M-QAM RoF-RoFSO System. , 2020, , .		3
8	Investigation of a High-Power Low-Threshold Single-Mode Microsphere Laser Using a Serially Coupled Double Microsphere Structure. Journal of Lightwave Technology, 2019, 37, 3273-3279.	4.6	6
9	The Channel Impulse Response of SIMO Underwater Optical Wireless Communication Link based on Monte Carlo Simulation. , 2019, , .		2
10	Investigation of Infrared Silicon-Organic Photodetectors. , 2019, , .		2
11	System parameters effect on the turbulent underwater optical wireless communications link. Optik, 2019, 198, 163153.	2.9	13
12	Experimental Demonstration of Vehicle to Road Side Infrastructure Visible Light Communications. , 2019, , .		20
13	Variational Bayesian adaptive Kalman filter for asynchronous multirate multi-sensor integrated navigation system. Ocean Engineering, 2019, 174, 108-116.	4.3	26
14	Investigation of Serially Coupled Double Microsphere Sensor for Detection of Biomolecules. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-7.	2.9	1
15	An Image Sensor Based Indoor VLP System. , 2018, , .		6
16	Receiver Parameters Effect on Underwater Optical Wireless Communication Performance in the Presence of Transmitted Gaussian Beam. , 2018, , .		0
17	A Complete Model for Underwater Optical Wireless Communications System. , 2018, , .		17
18	Experimental study of the turbulence effect on underwater optical wireless communications. Applied Optics, 2018, 57, 8314.	1.8	50

#	ARTICLE	IF	CITATIONS
19	Multirate Adaptive Kalman Filter for Marine Integrated Navigation System. Journal of Navigation, 2017, 70, 628-647.	1.7	13
20	An Asynchronous Adaptive Direct Kalman Filter Algorithm to Improve Underwater Navigation System Performance. IEEE Sensors Journal, 2017, 17, 1061-1068.	4.7	45
21	Use of Gaussian beam divergence to compensate for misalignment of underwater wireless optical communication links. IET Optoelectronics, 2017, 11, 171-175.	3.3	19
22	Experimental Investigation of Environment Effects on the FSO Link With Turbulence. IEEE Photonics Technology Letters, 2017, 29, 1435-1438.	2.5	33
23	Modeling turbulence in underwater wireless optical communications based on Monte Carlo simulation. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2017, 34, 1187.	1.5	47
24	Investigation of a serially coupled double microsphere resonator to expand resonance frequency spacing of microsphere resonators. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 1993.	2.1	4
25	Improved Underwater Integrated Navigation System using Unscented Filtering Approach. Journal of Navigation, 2016, 69, 561-581.	1.7	12
26	Experimental investigation of scintillation effect on FSO channel. , 2016, , .		9
27	Asynchronous direct Kalman filtering approach for underwater integrated navigation system. Nonlinear Dynamics, 2015, 80, 71-85.	5.2	32
28	Optimizing Optical Output Power of Single-Mode VCSELs Using Multiple Oxide Layers. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 1701708-1701708.	2.9	2
29	Thermal Effects of Laser-osteotomy on Bone: Mathematical Computation Using Maple. Journal of Medical Signals and Sensors, 2013, 3, 262-8.	1.0	2
30	Physical Modeling of 10 GbE Optical Communication Systems. Journal of Lightwave Technology, 2011, 29, 115-123.	4.6	24