Hassan M Oubei

List of Publications by Year
in descending order

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29 papers	1,786 citations	516710 16 h-index	839539 18 g-index
29 all docs	29 docs citations	29 times ranked	1211 citing authors

#	Article	IF	Citations
1	Spectrally Resolved Characterization of Thermally Induced Underwater Turbulence Using a Broadband White-Light Interrogator. IEEE Photonics Journal, 2019, 11, 1-9.	2.0	6
2	Unified Statistical Channel Model for Turbulence-Induced Fading in Underwater Wireless Optical Communication Systems. IEEE Transactions on Communications, 2019, 67, 2893-2907.	7.8	158
3	Large intermixing in the InGaP/InAlGaP laser structure using stress engineering at elevated temperature. , 2019, , .		1
4	Enhanced performance of 450 nm GaN laser diodes with an optical feedback for high bit-rate visible light communication. , 2018, , .		1
5	Scintillations of RGB laser beams in weak temperature and salinity-induced oceanic turbulence. , 2018, , .		13
6	Investigation of Self-Injection Locked Visible Laser Diodes for High Bit-Rate Visible Light Communication. IEEE Photonics Journal, 2018, 10, 1-11.	2.0	25
7	375-nm ultraviolet-laser based non-line-of-sight underwater optical communication. Optics Express, 2018, 26, 12870.	3.4	50
8	Light based underwater wireless communications. Japanese Journal of Applied Physics, 2018, 57, 08PA06.	1.5	89
9	High Performance self-injection locked 524 nm green laser diode for high bitrate visible light communications. , 2018, , .		0
10	A Novel Mirror-Aided Non-Imaging Receiver for Indoor $2imes 2$ MIMO-Visible Light Communication Systems. IEEE Transactions on Wireless Communications, 2017, 16, 5630-5643.	9.2	15
11	Performance Evaluation of Underwater Wireless Optical Communications Links in the Presence of Different Air Bubble Populations. IEEE Photonics Journal, 2017, 9, 1-9.	2.0	79
12	Real-Time Video Transmission Over Different Underwater Wireless Optical Channels Using a Directly Modulated 520â€‰â€‰nm Laser Diode. Journal of Optical Communications and Networking, 2017, 9, 826.	4.8	60
13	Nanomembraneâ€Based, Thermalâ€Transport Biosensor for Living Cells. Small, 2017, 13, 1603080.	10.0	19
14	Efficient Weibull channel model for salinity induced turbulent underwater wireless optical communications. , 2017, , .		33
15	Performance evaluation of underwater wireless optical communications links in the presence of different air bubble populations. , 2017, , .		3
16	Underwater wireless optical communications: From system-level demonstrations to channel modelling. , 2017, , .		6
17	A New Simple Model for Underwater Wireless Optical Channels in the Presence of Air Bubbles. , 2017, , .		32
18	Simple statistical channel model for weak temperature-induced turbulence in underwater wireless optical communication systems. Optics Letters, 2017, 42, 2455.	3.3	99

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19	20-meter underwater wireless optical communication link with 15 Gbps data rate. Optics Express, 2016, 24, 25502.	3.4	234
20	Design and experimental demonstration of mirror-aided non-imaging receiver for indoor MIMO-VLC systems. , 2016, , .		3
21	Ultrabroad linewidth orange-emitting nanowires LED for high CRI laser-based white lighting and gigahertz communications. Optics Express, 2016, 24, 19228.	3.4	20
22	First demonstration of orange-yellow light emitter devices in InGaP/InAlGaP laser structure using strain-induced quantum well intermixing technique. , 2016, , .		5
23	High-Modulation-Efficiency, Integrated Waveguide Modulatorâ€“Laser Diode at 448 nm. ACS Photonics, 2016, 3, 262-268.	6.6	73
24	2 Gbit/s data transmission from an unfiltered laser-based phosphor-converted white lighting communication system. Optics Express, 2015, 23, 29779.	3.4	103
25	4-Gbit/s visible light communication link based on 16-QAM OFDM transmission over remote phosphor-film converted white light by using blue laser diode. Optics Express, 2015, 23, 33656.	3.4	87
26	Low modulation bias InGaN-based integrated EA-modulator-laser on semipolar GaN substrate. , 2015, , .		1
27	Going beyond 4 Gbps data rate by employing RGB laser diodes for visible light communication. Optics Express, 2015, 23, 18746.	3.4	127
28	48 Gbit/s 16-QAM-OFDM transmission based on compact 450-nm laser for underwater wireless optical communication. Optics Express, 2015, 23, 23302.	3.4	266
29	23 Gbit/s underwater wireless optical communications using directly modulated 520 nm laser diode. Optics Express, 2015, 23, 20743.	3.4	178