Hussein Taleb

List of Publications by Year
in descending order

13 papers	74 citations	1478505 6 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	67 citing authors

#	Article	IF	Citations
1	Phase Recovery Acceleration in Quantum-Dot Semiconductor Optical Amplifiers. Journal of Lightwave Technology, 2012, , .	4.6	16
2	Optimal Design of Large Mode Area Photonic Crystal Fibers Using a Multiobjective Gray Wolf Optimization Technique. Journal of Lightwave Technology, 2018, 36, 5626-5632.	4.6	15
3	Homogeneous and inhomogeneous broadening effects on static and dynamic responses of quantum-dot semiconductor optical amplifiers. Frontiers of Optoelectronics, 2012, 5, 445-456.	3.7	10
4	Ultrafast All-Optical Signal Processing Using Optically Pumped QDSOA-Based Mach–Zehnder Interferometers. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 1-8.	2.9	9
5	Optimal Pulse-Shaping in Actively Q-Switched Ytterbium-Doped Fiber Lasers. IEEE Access, 2020, 8, 77716-77724.	4.2	8
6	Modeling and Design of Photonic Crystal Quantum-Dot Semiconductor Optical Amplifiers. IEEE Transactions on Electron Devices, 2014, 61, 2419-2426.	3.0	6
7	Optical Gain, Phase, and Refractive Index Dynamics in Photonic Crystal Quantum-Dot Semiconductor Optical Amplifiers. IEEE Journal of Quantum Electronics, 2014, 50, 605-612.	1.9	4
8	Designing a low-threshold quantum-dot laser based on a slow-light photonic crystal waveguide. Applied Optics, 2017, 56, 9629.	1.8	3
9	Suppression of the Stimulated Brillouin and Raman Scattering in Actively Q–switched Fiber Lasers through Temporal Pulse Shaping. Annalen Der Physik, 2021, 533, 2000541.	2.4	2
10	Design optimization of orbital angular momentum fibers using the gray wolf optimizer. Applied Optics, 2020, 59, 6181.	1.8	1
11	Dynamic response of quantum-dot semiconductor optical amplifiers electrical, optical, and electro-optical pumping schemes. , 2012, , .		0
12	Design of optical pumping scheme for quantum–dot semiconductor optical amplifiers. IET Optoelectronics, 2013, 7, 42-50.	3.3	0
13	A simple and accurate dynamical modeling of quantum–dot semiconductor optical amplifiers. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2014, 27, 79-88.	1.9	0