Sajad Jahanbakht

List of Publications by Year
in descending order

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17	82	1478280 6	1474057 9
papers	citations	h-index	g-index

17	17	17	32
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The mode generation due to the wave transmission phenomena from a loss free isotropic cylindrical metallic waveguide to the semi-bounded plasma waveguide. Waves in Random and Complex Media, 2021, 31, 1287-1302.	1.6	5
2	Dispersion effects on the performance of whispering gallery mode based optoelectronic oscillators. Optics and Laser Technology, 2021, 135, 106665.	2.2	2
3	Frequency domain analysis of optoelectronic oscillators utilizing optical and RF resonators with arbitrary transfer functions. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 2813.	0.9	7
4	Frequency-domain analysis of dual-loopoptoelectronic oscillators. Applied Optics, 2021, 60, 11125-11133.	0.9	1
5	Frequencyâ€domain behavioural noise analysis of analogue phaseâ€locked loops. IET Microwaves, Antennas and Propagation, 2020, 14, 1909-1917.	0.7	2
6	Frequency domain signal and noise analysis of optoelectronic oscillators under the effects of modulator frequency chirping and fiber dispersion. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 2678.	0.9	4
7	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si5.gif" display="inline" id="mml5" overflow="scroll"><mml:mi>Q</mml:mi></mml:math>-factor of optical delay-line based cavities and oscillators. Optics Communications, 2018, 407, 349-354.	1.0	6
8	Modeling of a bimetallic eccentric cylindrical plasma waveguide based on a transmission line for TEM-mode. Waves in Random and Complex Media, 2018, 28, 488-507.	1.6	0
9	Theoretical Modeling of Average Force Acted on Nano Plasma Spheres in Presence of Radiation of Long Wavelength Point Source. Plasmonics, 2017, 12, 1245-1255.	1.8	6
10	Frequency domain computation of steady state modes of optoelectronic oscillators with stability analysis. Applied Optics, 2017, 56, 975.	2.1	5
11	Frequency domain approach to the steady state and stability analysis of dual injection-locked optoelectronic oscillators. Applied Optics, 2017, 56, 5705.	0.9	1
12	IMPROVED PERFORMANCE OF DOUBLE-T MONOPOLE ANTENNA FOR 2.4/5.6 GHZ DUAL-BAND WLAN OPERATION USING ARTIFICIAL MAGNETIC CONDUCTORS. Progress in Electromagnetics Research M, 2017, 61, 205-213.	0.5	1
13	Noise spectrum characterization of optoelectronic oscillators in the presence of laser frequency noise. Applied Optics, 2016, 55, 1854.	2.1	12
14	Frequency domain noise analysis of optoelectronic oscillators considering the nonlinearity of the RF amplifier. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 548.	0.9	7
15	Frequency domain phase noise analysis of dual injection-locked optoelectronic oscillators. Applied Optics, 2016, 55, 7900.	2.1	5
16	Phase noise characterization of oscillators through Ito calculus. International Journal of Circuit Theory and Applications, 2015, 43, 1581-1596.	1.3	1
17	Prediction of the noise spectrum in optoelectronic oscillators: an analytical conversion matrix approach. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 1915.	0.9	17