

Sajad Jahanbakht

List of Publications by Year in descending order

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17
papers

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1478280

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17
all docs

17
docs citations

17
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32
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Noise spectrum characterization of optoelectronic oscillators in the presence of laser frequency noise. Applied Optics, 2016, 55, 1854.	2.1	12
3	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
4	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
5	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
6	Q -factor of optical delay-line based cavities and oscillators. Optics Communications, 2018, 407, 349-354.	1.0	6
7	Frequency domain computation of steady state modes of optoelectronic oscillators with stability analysis. Applied Optics, 2017, 56, 975.	2.1	5
8	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
9	Frequency domain phase noise analysis of dual injection-locked optoelectronic oscillators. Applied Optics, 2016, 55, 7900.	2.1	5
10	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
11	Dispersion effects on the performance of whispering gallery mode based optoelectronic oscillators. Optics and Laser Technology, 2021, 135, 106665.	2.2	2
12	Frequency domain behavioural noise analysis of analogue phase-locked loops. IET Microwaves, Antennas and Propagation, 2020, 14, 1909-1917.	0.7	2
13	Phase noise characterization of oscillators through Ito calculus. International Journal of Circuit Theory and Applications, 2015, 43, 1581-1596.	1.3	1
14	Frequency domain approach to the steady state and stability analysis of dual injection-locked optoelectronic oscillators. Applied Optics, 2017, 56, 5705.	0.9	1
15	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
16	Frequency-domain analysis of dual-loop optoelectronic oscillators. Applied Optics, 2021, 60, 11125-11133.	0.9	1
17	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