

Nathan C Henry

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

108
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

148
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitigating offset frequency drift in frequency combs using a customized power law dispersion. Optics Letters, 2020, 45, 3525.	3.3	0
2	Study of Spatio-Temporal Character of Frequency Combs Generated by Quantum Cascade Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-9.	2.9	9
3	Microelectromechanical control of the state of quantum cascade laser frequency combs. Applied Physics Letters, 2019, 115, 021105.	3.3	6
4	Bonding of cysteamine on InAs surfaces. Applied Surface Science, 2018, 462, 489-501.	6.1	5
5	Linewidth of the laser optical frequency comb with arbitrary temporal profile. Applied Physics Letters, 2018, 113, 131104.	3.3	5
6	Temporal characteristics of quantum cascade laser frequency modulated combs in long wave infrared and THz regions. Optics Express, 2018, 26, 14201.	3.4	16
7	Pseudorandom dynamics of frequency combs in free-running quantum cascade lasers. Optical Engineering, 2017, 57, 1.	1.0	17
8	Surface conductivity of InAs/GaSb superlattice infrared detectors treated with thiolated self assembled monolayers. Applied Physics Letters, 2016, 108, .	3.3	16
9	Low operating bias InAs/GaSb strain layer superlattice LWIR detector. Infrared Physics and Technology, 2015, 70, 58-61.	2.9	8
10	Chemical and physical passivation of type II strained-layer superlattice devices by means of thiolated self-assembled monolayers and polymer encapsulates. Infrared Physics and Technology, 2015, 70, 48-52.	2.9	5
11	First principles investigation of water adsorption and charge transfer on III-V(110) semiconductor surfaces. Surface Science, 2014, 622, 71-82.	1.9	10
12	Use of 3-aminopropyltriethoxysilane deposited from aqueous solution for surface modification of III-V materials. Applied Surface Science, 2014, 320, 414-428.	6.1	11