

# Nathan C Henry

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5762024/publications.pdf>

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