

# Neil V Sapra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9141210/publications.pdf>

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9  
papers

763  
citations

1040056

9  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

682  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inverse Design and Demonstration of a Compact on-Chip Narrowband Three-Channel Wavelength Demultiplexer. ACS Photonics, 2018, 5, 301-305.	6.6	183
2	On-chip integrated laser-driven particle accelerator. Science, 2020, 367, 79-83.	12.6	141
3	Fully-automated optimization of grating couplers. Optics Express, 2018, 26, 4023.	3.4	115
4	Nanophotonic inverse design with SPINS: Software architecture and practical considerations. Applied Physics Reviews, 2020, 7, .	11.3	92
5	Analytical level set fabrication constraints for inverse design. Scientific Reports, 2019, 9, 8999.	3.3	76
6	Inverse Design and Demonstration of Broadband Grating Couplers. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-7.	2.9	67
7	On-Chip Laser-Power Delivery System for Dielectric Laser Accelerators. Physical Review Applied, 2018, 9, .	3.8	37
8	Dispersion Engineering With Photonic Inverse Design. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-6.	2.9	29
9	Inverse-Designed Photonic Crystal Circuits for Optical Beam Steering. ACS Photonics, 2021, 8, 3085-3093.	6.6	23