

# John RÃ¶nn

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/235649/publications.pdf>

Version: 2024-02-01

5  
papers

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1936888

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2053342

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docs citations

5  
times ranked

240  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-high on-chip optical gain in erbium-based hybrid slot waveguides. Nature Communications, 2019, 10, 432.	5.8	100
2	Atomic Layer Engineering of Er-Ion Distribution in Highly Doped Er:Al <sub>2</sub> O <sub>3</sub> for Photoluminescence Enhancement. ACS Photonics, 2016, 3, 2040-2048.	3.2	27
3	Erbium-doped hybrid waveguide amplifiers with net optical gain on a fully industrial 300 mm silicon nitride photonic platform. Optics Express, 2020, 28, 27919.	1.7	20
4	Nonlinear refraction in semitransparent pyrolytic carbon films. Optical Materials Express, 2012, 2, 1822.	1.6	16
5	Potential for sub-mm long erbium-doped composite silicon waveguide DFB lasers. Scientific Reports, 2020, 10, 10878.	1.6	4