

# Ori Henderson-Sapir

## List of Publications by Year in descending order

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24  
papers

609  
citations

933447

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h-index

1281871

11  
g-index

24  
all docs

24  
docs citations

24  
times ranked

394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mid-infrared fiber lasers at and beyond 3.5 $\mu\text{m}$ using dual-wavelength pumping. Optics Letters, 2014, 39, 493.	3.3	150
2	Versatile and widely tunable mid-infrared erbium doped ZBLAN fiber laser. Optics Letters, 2016, 41, 1676.	3.3	131
3	Recent Advances in 3.5 $\mu\text{m}$ Erbium-Doped Mid-Infrared Fiber Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 6-14.	2.9	59
4	New energy-transfer upconversion process in $\text{Er}^{3+}$ :ZBLAN mid-infrared fiber lasers. Optics Express, 2016, 24, 6869.	3.4	52
5	Actively Q-switched dual-wavelength pumped $\text{Er}^{3+}$ :ZBLAN fiber laser at 3.47 $\mu\text{m}$ . Optics Letters, 2018, 43, 2724.	3.3	49
6	Mode-locked and tunable fiber laser at the 3.5 $\mu\text{m}$ band using frequency-shifted feedback. Optics Letters, 2020, 45, 224.	3.3	44
7	Numerical Modeling of $3.5\text{-}\mu\text{m}$ Dual-Wavelength Pumped Erbium-Doped Mid-Infrared Fiber Lasers. IEEE Journal of Quantum Electronics, 2016, 52, 1-12.	1.9	36
8	Two-photon absorption and saturable absorption of mid-IR in graphene. Applied Physics Letters, 2019, 114, .	3.3	29
9	Ultrafast 3.5 $\mu\text{m}$ fiber laser. Optics Letters, 2021, 46, 1636.	3.3	27
10	Self-pulsing in Tm-doped $\text{YAlO}_3$ Excited-state absorption and chaos. Physical Review A, 2015, 91, .	2.5	18
11	In-fiber measurement of the erbium-doped ZBLAN $4\text{-}13/2$ state energy transfer parameter. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 415.	2.1	7
12	A Higher Power 3.5 $\mu\text{m}$ Fibre Laser. , 2014, , .		5
13	Q-switched dual-wavelength pumped 3.5 $\mu\text{m}$ erbium-doped mid-infrared fiber laser. , 2018, , .		4
14	Modelling and optimisation of a dual-wavelength pumped 3.5 $\mu\text{m}$ fibre laser at the watt level. , 2016, , .		1
15	Wavelength Tunable Mid-infrared $\text{Er}^{3+}$ :ZBLAN Fiber Laser at 3.5 $\mu\text{m}$ using Dual Wavelength Pumping. , 2015, , .		1
16	Erbium-doped mid-infrared fiber lasers. , 2019, , .		1
17	Mid-Infrared $\text{Er}^{3+}$ :ZBLAN Waveguide Using ZBLAN Glass Extrusion, Femto-Second Inscription and Dual-Wavelength Pumping for the Generation of 3.5 $\mu\text{m}$ Lasing. , 2020, , .		0
18	Sub-picosecond Fiber Laser at 3.5 $\mu\text{m}$ . , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Development of Efficient Mid-infrared 3.5 $\mu$ m Fiber Laser. , 2013, , .		0
20	Erbium-doped Mid-Infrared Fiber Lasers. , 2016, , .		0
21	Q-switched and Mode-locked 3.5 $\mu$ m Fiber Laser. , 2020, , .		0
22	Spectroscopy of the rare-earth-ion transitions in fluoride glasses. , 2022, , 333-399.		0
23	High-power continuous wave mid-infrared fluoride glass fiber lasers. , 2022, , 505-595.		0
24	Numerical optimization of high power 3.5 $\mu$ m erbium-doped mid-infrared fiber laser and amplifiers. , 2022, , .		0