

# Antti Rantamäki

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15  
papers

236  
citations

10  
h-index

15  
g-index

16  
ext. papers

311  
ext. citations

2.8  
avg, IF

3.08  
L-index

#	Paper	IF	Citations
15	Optically pumped VECSELS: review of technology and progress. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 383001	3	86
14	3 W of 650 nm red emission by frequency doubling of wafer-fused semiconductor disk laser. <i>Optics Express</i> , <b>2010</b> , 18, 21645-50	3.3	31
13	1 W at 785 nm from a frequency-doubled wafer-fused semiconductor disk laser. <i>Optics Express</i> , <b>2012</b> , 20, 9046-51	3.3	20
12	High power semiconductor disk laser with a semiconductor-dielectric-metal compound mirror. <i>Applied Physics Letters</i> , <b>2014</b> , 104, 101110	3.4	14
11	Low Temperature Gold-to-Gold Bonded Semiconductor Disk Laser. <i>IEEE Photonics Technology Letters</i> , <b>2013</b> , 25, 1062-1065	2.2	12
10	Thermal Management in Long-Wavelength Flip-Chip Semiconductor Disk Lasers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2015</b> , 21, 336-342	3.8	11
9	750 nm 1.5 W frequency-doubled semiconductor disk laser with a 44 nm tuning range. <i>Optics Letters</i> , <b>2015</b> , 40, 4380-3	3	11
8	High-power flip-chip semiconductor disk laser in the 1.3 $\mu$ m wavelength band. <i>Optics Letters</i> , <b>2014</b> , 39, 4855-8	3	11
7	1.56 $\mu$ m 1 watt single frequency semiconductor disk laser. <i>Optics Express</i> , <b>2013</b> , 21, 2355-60	3.3	11
6	. <i>IEEE Photonics Technology Letters</i> , <b>2012</b> , 24, 1378-1380	2.2	11
5	1.34 $\mu$ m VECSEL mode-locked with a GaSb-based SESAM. <i>Optics Letters</i> , <b>2018</b> , 43, 3353-3356	3	10
4	Multi-Watt Semiconductor Disk Laser by Low Temperature Wafer Bonding. <i>IEEE Photonics Technology Letters</i> , <b>2013</b> , 25, 2233-2235	2.2	6
3	Towards high power flip-chip long-wavelength semiconductor disk lasers <b>2015</b> ,		1
2	Wafer-fused VECSELS emitting in the 1310nm waveband <b>2014</b> ,		1
1	VECSELS in the Wavelength Range 1.18 $\mu$ m-1.55 $\mu$ m <b>2021</b> , 27-62		