

Antti Härkönen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Time-Resolved Raman Spectrometer With High Fluorescence Rejection Based on a CMOS SPAD Line Sensor and a 573-nm Pulsed Laser. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	13
2	Sub-60 fs SESAM Mode-Locked Tm:LuYO3 Ceramic Laser. , 2019, , .		0
3	Sub-100 ps Monolithic Diamond Raman Laser Emitting at 573 nm. IEEE Photonics Technology Letters, 2018, 30, 981-984.	2.5	6
4	Ho:KY(WO ₄) ₂ thin-disk laser passively Q-switched by a GaSb-based SESAM. Optics Express, 2018, 26, 9011.	3.4	5
5	Sub-10 optical-cycle passively mode-locked Tm:(Lu _{2/3} Sc _{1/3}) ₂ O ₃ ceramic laser at 2 μm. Optics Express, 2018, 26, 10299.	3.4	59
6	134-μm VECSEL mode-locked with a GaSb-based SESAM. Optics Letters, 2018, 43, 3353.	3.3	10
7	Thulium doped LuAG ceramics for passively mode locked lasers. Optics Express, 2017, 25, 7084.	3.4	17
8	Sub-50 ps pulses at 620 nm obtained from frequency doubled 1240 nm diamond Raman laser. Optics Express, 2017, 25, 30365.	3.4	8
9	SESAM mode-locked Tm:CALGO laser at 2 μm. Optical Materials Express, 2016, 6, 131.	3.0	59
10	Broadly tunable mode-locked Ho:YAG ceramic laser around 21 μm. Optics Express, 2016, 24, 18003.	3.4	31
11	Mode-locked Tm,Ho:KLu(WO ₄) ₂ laser at 2060 nm using InGaSb-based SESAMs. Optics Express, 2015, 23, 4614.	3.4	20
12	GaSb-based SESAM mode-locked Tm:YAG ceramic laser at 2 μm. Optics Express, 2015, 23, 1361.	3.4	48
13	Absorption recovery dynamics in 2-μm GaSb-based SESAMs. Journal Physics D: Applied Physics, 2014, 47, 065102.	2.8	31
14	Mode-locked VECSEL emitting 5-ps pulses at 675-nm. Optics Letters, 2013, 38, 2289.	3.3	33
15	GaSb-based semiconductor saturable absorber mirrors for mode-locking 2 μm semiconductor disk lasers. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 294-297.	0.8	23