

# Markus Lindemann

## List of Publications by Year in descending order

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15  
papers

365  
citations

1307594

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h-index

1474206

9  
g-index

15  
all docs

15  
docs citations

15  
times ranked

263  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast spin-lasers. Nature, 2019, 568, 212-215.	27.8	134
2	Frequency tuning of polarization oscillations: Toward high-speed spin-lasers. Applied Physics Letters, 2016, 108, .	3.3	56
3	Controlled switching of ultrafast circular polarization oscillations in spin-polarized vertical-cavity surface-emitting lasers. Applied Physics Letters, 2014, 104, .	3.3	44
4	Vertical-cavity surface-emitting lasers with birefringence splitting above 250 GHz. Electronics Letters, 2015, 51, 1600-1602.	1.0	41
5	Spin-lasers: spintronics beyond magnetoresistance. Solid State Communications, 2020, 316-317, 113949.	1.9	30
6	Monolithic vertical-cavity surface-emitting laser with thermally tunable birefringence. Applied Physics Letters, 2017, 110, .	3.3	21
7	Vertical-cavity surface-emitting laser with integrated surface grating for high birefringence splitting. Electronics Letters, 2019, 55, 1055-1057.	1.0	18
8	Spin-Lasing in Bimodal Quantum Dot Micropillar Cavities. Laser and Photonics Reviews, 2022, 16, .	8.7	7
9	Bias current and temperature dependence of polarization dynamics in spin-lasers with electrically tunable birefringence. AIP Advances, 2020, 10, 035211.	1.3	6
10	Birefringence tuning of VCSELs. , 2016, , .		5
11	Thermally-induced birefringence in VCSELs: approaching the limits. , 2018, , .		2
12	Birefringent Surface Gratings for Ultrafast Spin-VCSELs. , 2019, , .		1
13	Tunable polarization oscillations in resonantly pumped spin-VCSELs. , 2017, , .		0
14	Thermally induced birefringence tuning of 37 GHz in VCSELs. , 2017, , .		0
15	Integrated spin-lasers for ultrafast polarization modulation. , 2021, , .		0