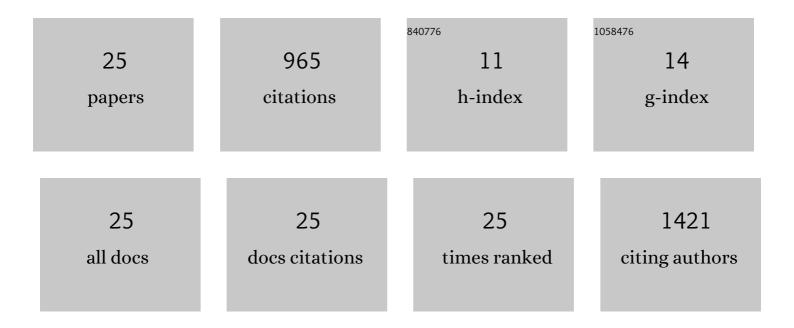
Michael Krause

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	On-Chip Preconcentration Microchip Capillary Electrophoresis Based CE-PRM-LIVE for High-Throughput Selectivity Profiling of Deubiquitinase Inhibitors. Analytical Chemistry, 2022, 94, 9508-9513.	6.5	2
2	PRM-LIVE with Trapped Ion Mobility Spectrometry and Its Application in Selectivity Profiling of Kinase Inhibitors. Analytical Chemistry, 2021, 93, 13791-13799.	6.5	20
3	Online Parallel Accumulation–Serial Fragmentation (PASEF) with a Novel Trapped Ion Mobility Mass Spectrometer. Molecular and Cellular Proteomics, 2018, 17, 2534-2545.	3.8	602
4	Cascading Raman lasers for reducing their threshold. , 2013, , .		2
5	Measurement of nonreciprocal stimulated Raman scattering in silicon photonic wires. , 2012, , .		2
6	Nonreciprocal light transmission in silicon by Raman-induced asymmetry of the permittivity tensor. Journal of Applied Physics, 2012, 111, 093107.	2.5	4
7	Finite-Difference Mode Solver for Curved Waveguides With Angled and Curved Dielectric Interfaces. Journal of Lightwave Technology, 2011, 29, 691-699.	4.6	25
8	Active and tunable waveguide devices based on silicon and silica for use in optical communication systems. , 2010, , .		0
9	Nonreciprocal Raman scattering in silicon waveguides. , 2010, , .		2
10	Measurement of nonreciprocal spontaneous Raman scattering in Silicon photonic wires. Optics Express, 2010, 18, 19532.	3.4	9
11	Resonance splitting in gyrotropic ring resonators. Optics Letters, 2010, 35, 3438.	3.3	23
12	Backscattering and disorder limits in slow light photonic crystal waveguides. Optics Express, 2009, 17, 8676.	3.4	38
13	Tunable Bragg reflectors on silicon-on-insulator rib waveguides. Optics Express, 2009, 17, 18518.	3.4	64
14	Strong enhancement of Raman-induced nonreciprocity in silicon waveguides by alignment with the crystallographic axes. Applied Physics Letters, 2009, 95, .	3.3	16
15	Total gain of silicon Raman amplifiers: Scaling with group velocity in slow-light waveguides. , 2009, , .		0
16	Disorder limits in passive and amplifying slow light waveguides. , 2009, , .		0
17	Gain Enhancement in Cladding-Pumped Silicon Raman Amplifiers. IEEE Journal of Quantum Electronics, 2008, 44, 692-704.	1.9	24
18	Raman amplification and lasing in cladding-pumped silicon waveguides. , 2008, , .		0

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#	Article	IF	CITATIONS
19	Polarization-Dependent Curvature Loss in Silicon Rib Waveguides. IEEE Journal of Selected Topics in Quantum Electronics, 2006, 12, 1359-1362.	2.9	14
20	Maximal total gain of non-tapered silicon-on-insulator Raman amplifiers. , 2006, , .		9
21	Numerical calculation of the linewidth of Raman fiber lasers due to spontaneous Raman scattering. AEU - International Journal of Electronics and Communications, 2005, 59, 502-509.	2.9	0
22	Maximal gain and optimal taper design for Raman amplifiers in silicon-on-insulator waveguides. , 2005, , .		7
23	Analysis of Raman lasing characteristics in silicon-on-insulator waveguides. Optics Express, 2004, 12, 5703.	3.4	91
24	Stabilizing effect of line broadening in Raman fiber lasers. Optics Communications, 2003, 227, 355-361.	2.1	11
25	Integrated Non Reciprocal Ring Resonators. Advanced Materials Research, 0, 216, 533-538.	0.3	0