

# Gmh Knippels

## List of Publications by Year in descending order

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13  
papers

90  
citations

1684188

5  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

56  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequential detection technique to measure the shape of short THz pulses in the presence of a large jitter in the trigger signal. IEE Proceedings: Optoelectronics, 2002, 149, 99-104.	0.8	0
2	Optical parametric generation in CGA crystal. Optics Communications, 2002, 202, 205-208.	2.1	31
3	Application of electro-optic sampling in FEL diagnostics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 475, 504-508.	1.6	3
4	Pulse shape measurements using differential optical gating of a picosecond free electron laser source with an unsynchronized femtosecond Ti:sapphire gate. Optics Communications, 1998, 157, 335-342.	2.1	12
5	Generation of frequency-chirped optical pulses in a large-slippage free-electron laser. IEEE Journal of Quantum Electronics, 1997, 33, 10-17.	1.9	5
6	Differences between intra- and extra-cavity pulse time structure in a hole-coupled free-electron laser. IEEE Journal of Quantum Electronics, 1997, 33, 314-323.	1.9	0
7	Influence of a step-tapered undulator field on the optical pulse shape of a far-infrared free-electron laser. IEEE Journal of Quantum Electronics, 1996, 32, 896-904.	1.9	2
8	Feasibility of a far-infrared free-electron laser as voltage-controlled optical oscillator. Infrared Physics and Technology, 1996, 37, 285-294.	2.9	5
9	Influence of the cavity geometry on the micropulse output of FELIX in the limit-cycle regime. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 375, ABS75-ABS76.	1.6	0
10	Step-tapered operation of the FEL: efficiency enhancement and two-colour operation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 375, 647-650.	1.6	8
11	Generation of frequency-chirped optical pulses with FELIX. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 375, 150-155.	1.6	3
12	Generation of frequency-chirped pulses in the far-infrared by means of a sub-picosecond free-electron laser and an external pulse shaper. Optics Communications, 1995, 118, 546-550.	2.1	18
13	Experimental indications for non-Gaussian transverse modes in the hole-coupled, short-pulse free-electron lasers of FELIX. Optics Communications, 1995, 118, 551-556.	2.1	3