

# Martin Teichmann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9199778/publications.pdf>

Version: 2024-02-01

6  
papers

296  
citations

1478505

6  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

560  
citing authors

#	ARTICLE	IF	CITATIONS
1	Disparate ultrafast dynamics of itinerant and localized magnetic moments in gadolinium metal. Nature Communications, 2015, 6, 8262.	12.8	80
2	Femtosecond Laser Excitation Drives Ferromagnetic Gadolinium out of Magnetic Equilibrium. Physical Review Letters, 2012, 109, 057401.	7.8	77
3	A high-order harmonic generation apparatus for time- and angle-resolved photoelectron spectroscopy. Review of Scientific Instruments, 2013, 84, 075106.	1.3	71
4	The role of ultrafast magnon generation in the magnetization dynamics of rare-earth metals. Science Advances, 2020, 6, .	10.3	39
5	Transient band structures in the ultrafast demagnetization of ferromagnetic gadolinium and terbium. Physical Review B, 2015, 91, .	3.2	19
6	Nonequilibrium sub-10 nm spin-wave soliton formation in FePt nanoparticles. Science Advances, 2022, 8, eabn0523.	10.3	10