

Nicolas Bergeard

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

485
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

854
citing authors

#	ARTICLE	IF	CITATIONS
1	Hot-Electron-Induced Ultrafast Demagnetization in Co/Pt Multilayers. Physical Review Letters, 2016, 117, 147203.	7.8	101
2	Ultrafast angular momentum transfer in multisublattice ferrimagnets. Nature Communications, 2014, 5, 3466.	12.8	91
3	TEMPO: a New Insertion Device Beamline at SOLEIL for Time Resolved Photoelectron Spectroscopy Experiments on Solids and Interfaces. AIP Conference Proceedings, 2010, , .	0.4	84
4	Time-resolved photoelectron spectroscopy using synchrotron radiation time structure. Journal of Synchrotron Radiation, 2011, 18, 245-250.	2.4	67
5	Role of critical spin fluctuations in ultrafast demagnetization of transition-metal rare-earth alloys. Physical Review B, 2013, 87, .	3.2	50
6	Role of spin-lattice coupling in the ultrafast demagnetization of Gd . Physical Review B, 2014, 89, .	3.2	36
7	Hot-electron transport and ultrafast magnetization dynamics in magnetic multilayers and nanostructures following femtosecond laser pulse excitation. European Physical Journal B, 2018, 91, 1.	1.5	19
8	Correlation between structure, electronic properties, and magnetism in $\text{Co}_{x_2}\text{M}_{1-x_2}$ thin amorphous films. Physical Review B, 2017, 96, .	3.2	17
9	Ultrafast hot-electron induced quenching of Tb magnetic order. Physical Review B, 2017, 96, .	3.2	17
10	Tailoring femtosecond hot-electron pulses for ultrafast spin manipulation. Applied Physics Letters, 2020, 117, .	3.3	4
11	Ultrafast demagnetization in buried $\text{Co}_{80}\text{Dy}_{20}$ as fingerprint of hot-electron transport. Journal of Magnetism and Magnetic Materials, 2019, 485, 320-324.	2.3	3
12	Laser induced ultrafast 3d and 4f spin dynamics in CoDy ferrimagnetic alloys as a function of temperature. Journal of Magnetism and Magnetic Materials, 2021, 530, 167883.	2.3	1