

Chris P Weber

List of Publications by Year in descending order

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14
papers

937
citations

933447

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1058476

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14
all docs

14
docs citations

14
times ranked

1110
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast investigation and control of Dirac and Weyl semimetals. Journal of Applied Physics, 2021, 129, .	2.5	33
2	Transient Drude Response Dominates Near-Infrared Pump-Probe Reflectivity in Nodal-Line Semimetals ZrSiS and ZrSiSe. Journal of Physical Chemistry Letters, 2020, 11, 6105-6111.	4.6	13
3	Directly photoexcited Dirac and Weyl fermions in ZrSiS and NbAs. Applied Physics Letters, 2018, 113, .	3.3	13
4	Using coherent phonons for ultrafast control of the Dirac node of SrMnSb ₂ . Physical Review B, 2018, 98, .	3.2	14
5	Room-temperature self-powered energy photodetector based on optically induced Seebeck effect in Cd ₃ As ₂ . Applied Physics Express, 2017, 10, 052201.	2.4	24
6	Ambipolar spin diffusion in p-type GaAs: A case where spin diffuses more than charge. Journal of Applied Physics, 2017, 122, 095703.	2.5	3
7	Similar ultrafast dynamics of several dissimilar Dirac and Weyl semimetals. Journal of Applied Physics, 2017, 122, .	2.5	33
8	Transient reflectance of photoexcited Cd ₃ As ₂ . Applied Physics Letters, 2015, 106, .	3.3	37
9	Diffusion of degenerate minority carriers in a p-type semiconductor. Journal of Applied Physics, 2013, 113, 053711.	2.5	3
10	Rapid diffusion of electrons in GaMnAs. Applied Physics Letters, 2013, 102, 182402.	3.3	4
11	Picosecond Single-Shot X-ray Absorption Spectroscopy for Warm and Dense Matter. Synchrotron Radiation News, 2012, 25, 12-16.	0.8	6
12	Emergence of the persistent spin helix in semiconductor quantum wells. Nature, 2009, 458, 610-613.	27.8	474
13	Nondiffusive Spin Dynamics in a Two-Dimensional Electron Gas. Physical Review Letters, 2007, 98, 076604.	7.8	79
14	Observation of spin Coulomb drag in a two-dimensional electron gas. Nature, 2005, 437, 1330-1333.	27.8	201