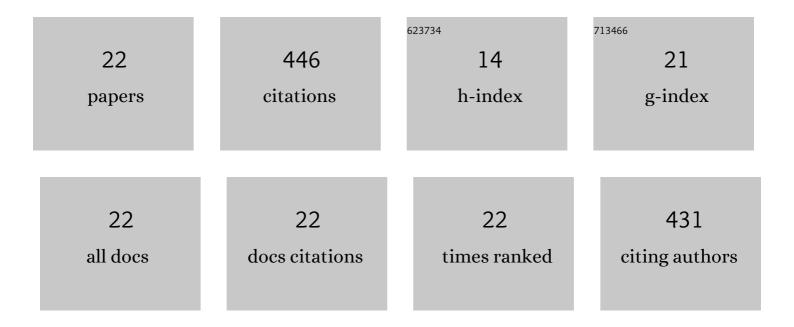
Helene Seiler

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Two-dimensional electronic spectroscopy reveals liquid-like lineshape dynamics in CsPbI3 perovskite nanocrystals. Nature Communications, 2019, 10, 4962.	12.8	63
2	Seeing Multiexcitons through Sample Inhomogeneity: Band-Edge Biexciton Structure in CdSe Nanocrystals Revealed by Two-Dimensional Electronic Spectroscopy. Nano Letters, 2018, 18, 2999-3006.	9.1	44
3	Nuclear dynamics of singlet exciton fission in pentacene single crystals. Science Advances, 2021, 7, .	10.3	31
4	Investigating the electronic structure of confined multiexcitons with nonlinear spectroscopies. Journal of Chemical Physics, 2020, 152, 104710.	3.0	29
5	Atomic fluctuations in electronic materials revealed by dephasing. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11940-11946.	7.1	27
6	Anisotropic Nonequilibrium Lattice Dynamics of Black Phosphorus. Nano Letters, 2020, 20, 3728-3733.	9.1	27
7	Electron Dynamics at the Surface of Semiconductor Nanocrystals. Journal of Physical Chemistry C, 2017, 121, 26519-26527.	3.1	26
8	Accessing the Anisotropic Nonthermal Phonon Populations in Black Phosphorus. Nano Letters, 2021, 21, 6171-6178.	9.1	25
9	Simple fiber-based solution for coherent multidimensional spectroscopy in the visible regime. Optics Letters, 2017, 42, 643.	3.3	23
10	Investigating exciton structure and dynamics in colloidal CdSe quantum dots with two-dimensional electronic spectroscopy. Journal of Chemical Physics, 2018, 149, 074702.	3.0	22
11	Lattice dynamics and ultrafast energy flow between electrons, spins, and phonons in a 3d ferromagnet. Physical Review Research, 2021, 3, .	3.6	21
12	Efficient First-Principles Methodology for the Calculation of the All-Phonon Inelastic Scattering in Solids. Physical Review Letters, 2021, 127, 207401.	7.8	18
13	Fifth-order two-quantum absorptive two-dimensional electronic spectroscopy of CdSe quantum dots. Journal of Chemical Physics, 2020, 153, 234703.	3.0	16
14	Multiphonon diffuse scattering in solids from first principles: Application to layered crystals and two-dimensional materials. Physical Review B, 2021, 104, .	3.2	16
15	Coherent multi-dimensional spectroscopy at optical frequencies in a single beam with optical readout. Journal of Chemical Physics, 2017, 147, 094203.	3.0	14
16	Intrinsic energy flow in laser-excited <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mn>3</mml:mn><mml:mi>d</mml:mi></mml:math ferromagnets. Physical Review Research, 2022, 4, .	> 3.6	11
17	Exchange-Striction Driven Ultrafast Nonthermal Lattice Dynamics in NiO. Physical Review Letters, 2021, 126, 147202.	7.8	10
18	Kilohertz generation of high contrast polarization states for visible femtosecond pulses via phase-locked acousto-optic pulse shapers. Journal of Applied Physics, 2015, 118, .	2.5	7

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#	Article	IF	CITATIONS
19	Ultrafast lattice dynamics and electron–phonon coupling in platinum extracted with a global fitting approach for time-resolved polycrystalline diffraction data. Structural Dynamics, 2021, 8, 064301.	2.3	6
20	Traversing Double-Well Potential Energy Surfaces: Photoinduced Concurrent Intralayer and Interlayer Structural Transitions in XTe ₂ (X = Mo, W). ACS Nano, 2022, 16, 11124-11135.	14.6	5
21	An analysis of hollow-core fiber for applications in coherent femtosecond spectroscopies. Journal of Applied Physics, 2020, 128, .	2.5	4
22	Investigating Reliability on Fuel Cell Model Identification. Part II: An Estimation Method for Stochastic Parameters. Fuel Cells, 2012, 12, 685-708.	2.4	1