

# Christopher J Kaplan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10429894/publications.pdf>

Version: 2024-02-01

8  
papers

405  
citations

1162367  
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1588620  
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all docs

8  
docs citations

8  
times ranked

735  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Coherent energy exchange between carriers and phonons in Peierls-distorted bismuth unveiled by broadband XUV pulses. <i>Physical Review Research</i> , 2021, 3, .   | 1.3 | 8         |
| 2 | Attosecond Time-Domain Measurement of Core-Level-Exciton Decay in Magnesium Oxide. <i>Physical Review Letters</i> , 2020, 124, 207401.  | 2.9 | 34        |
| 3 | Attosecond transient absorption instrumentation for thin film materials: Phase transitions, heat dissipation, signal stabilization, timing correction, and rapid sample rotation. <i>Review of Scientific Instruments</i> , 2018, 89, 013109.         | 0.6 | 13        |
| 4 | Hot phonon and carrier relaxation in Si(100) determined by transient extreme ultraviolet spectroscopy. <i>Structural Dynamics</i> , 2018, 5, 054302.  | 0.9 | 39        |
| 5 | Femtosecond tracking of carrier relaxation in germanium with extreme ultraviolet transient reflectivity. <i>Physical Review B</i> , 2018, 97, .   | 1.1 | 40        |
| 6 | Direct and simultaneous observation of ultrafast electron and hole dynamics in germanium. <i>Nature Communications</i> , 2017, 8, 15734.  | 5.8 | 117       |
| 7 | Ultrafast carrier thermalization and trapping in silicon-germanium alloy probed by extreme ultraviolet transient absorption spectroscopy. <i>Structural Dynamics</i> , 2017, 4, 044029.   | 0.9 | 42        |
| 8 | Tracking the insulator-to-metal phase transition in VO <sub>2</sub> with few-femtosecond extreme UV transient absorption spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9558-9563. | 3.3 | 112       |