

Fumiya Sekiguchi

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

181
citations

1162367

8
h-index

1199166

12
g-index

13
all docs

13
docs citations

13
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	Slowdown of photoexcited spin dynamics in the non-collinear spin-ordered phases in skyrmion host GaV4S8. Nature Communications, 2022, 13, .	5.8	3
2	Size-controlled quantum dots reveal the impact of intraband transitions on high-order harmonic generation in solids. Nature Physics, 2022, 18, 874-878.	6.5	17
3	Nonequilibrium quasistationary spin disordered state in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{\pm} \langle \text{mml:mi} \rangle \langle \text{mml:mtext} \rangle \hat{\alpha} \langle \text{mml:mtext} \rangle \langle \text{mml:msub} \rangle$ Physical Review B, 2022, 105, .		
4	Interference effects in high-order harmonics from colloidal perovskite nanocrystals excited by an elliptically polarized laser. Physical Review Materials, 2021, 5, .	0.9	11
5	Enhancing the Hot-Phonon Bottleneck Effect in a Metal Halide Perovskite by Terahertz Phonon Excitation. Physical Review Letters, 2021, 126, 077401.	2.9	34
6	Ultrastrong coupling between THz phonons and photons caused by an enhanced vacuum electric field. Physical Review Research, 2021, 3, .	1.3	9
7	Generation of wavelength-tunable few-cycle pulses in the mid-infrared at repetition rates up to 10 ⁶ kHz. Optics Letters, 2021, 46, 5280.	1.7	9
8	Terahertz field-induced ionization and perturbed free induction decay of excitons in bulk GaAs. Journal Physics D: Applied Physics, 2018, 51, 114001.	1.3	6
9	Anomalous Metal Phase Emergent on the Verge of an Exciton Mott Transition. Physical Review Letters, 2017, 118, 067401.	2.9	18
10	Exciton Mott transition in GaAs studied by terahertz spectroscopy. , 2017, , .		2
11	Rate Equation Analysis of the Dynamics of First-order Exciton Mott Transition. Journal of the Physical Society of Japan, 2017, 86, 103702.	0.7	7
12	Single-shot terahertz time-domain spectroscopy in pulsed high magnetic fields. Optics Express, 2016, 24, 30328.	1.7	34
13	Excitonic correlation in the Mott crossover regime in Ge. Physical Review B, 2015, 91, .	1.1	27