

Kristina R Rusimova

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

227
citations

1307543

7
h-index

1281846

11
g-index

12
all docs

12
docs citations

12
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	“Hot” Plasmonics: Temperature-Related Concepts and Applications of Metal Nanostructures. <i>Advanced Optical Materials</i> , 2020, 8, 1901166.	7.3	69
2	Atomically resolved real-space imaging of hot electron dynamics. <i>Nature Communications</i> , 2015, 6, 8365.	12.8	37
3	Regulating the femtosecond excited-state lifetime of a single molecule. <i>Science</i> , 2018, 361, 1012-1016.	12.6	30
4	Birefringent Anti-Resonant Hollow-Core Fiber. <i>Journal of Lightwave Technology</i> , 2020, 38, 5157-5162.	4.6	30
5	Initiating and imaging the coherent surface dynamics of charge carriers in real space. <i>Nature Communications</i> , 2016, 7, 12839.	12.8	22
6	Molecular and atomic manipulation mediated by electronic excitation of the underlying Si(111)-7x7 surface. <i>Nanotechnology</i> , 2017, 28, 054002.	2.6	12
7	Modifying light-matter interactions with perovskite nanocrystals inside antiresonant photonic crystal fiber. <i>Photonics Research</i> , 2021, 9, 1462.	7.0	10
8	Atomic dispensers for thermoplasmonic control of alkali vapor pressure in quantum optical applications. <i>Nature Communications</i> , 2019, 10, 2328.	12.8	6
9	Common source of light emission and nonlocal molecular manipulation on the Si(111)-7x7 surface. <i>Journal of Physics Communications</i> , 2019, 3, 095010.	1.2	4
10	Passive, Broadband, and Low-Frequency Suppression of Laser Amplitude Noise to the Shot-Noise Limit Using a Hollow-Core Fiber. <i>Physical Review Applied</i> , 2019, 12, .	3.8	4
11	The nanometre limits of ballistic and diffusive hot-hole mediated nonlocal molecular manipulation. <i>Nanotechnology</i> , 2020, 31, 105401.	2.6	3