

Kyu-Tae Lee

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

991
citations

13
h-index

25
g-index

25
ext. papers

1,278
ext. citations

12.9
avg, IF

4.41
L-index

#	Paper	IF	Citations
19	Generative Model for the Inverse Design of Metasurfaces. <i>Nano Letters</i> , 2018 , 18, 6570-6576	11.5	323
18	Alternative Patterning Process for Realization of Large-Area, Full-Color, Active Quantum Dot Display. <i>Nano Letters</i> , 2016 , 16, 6946-6953	11.5	121
17	Preserving Spin States upon Reflection: Linear and Nonlinear Responses of a Chiral Meta-Mirror. <i>Nano Letters</i> , 2017 , 17, 7102-7109	11.5	85
16	Additive-free hollow-structured Co ₃ O ₄ nanoparticle Li-ion battery: the origins of irreversible capacity loss. <i>ACS Nano</i> , 2014 , 8, 6701-12	16.7	83
15	Optically Switchable Smart Windows with Integrated Photovoltaic Devices. <i>Advanced Energy Materials</i> , 2015 , 5, 1401347	21.8	61
14	Compounding Meta-Atoms into Metamolecules with Hybrid Artificial Intelligence Techniques. <i>Advanced Materials</i> , 2020 , 32, e1904790	24	55
13	Long-term efficient organic photovoltaics based on quaternary bulk heterojunctions. <i>Nature Communications</i> , 2017 , 8, 14068	17.4	54
12	Simultaneous enhancement of upconversion and downshifting luminescence via plasmonic structure. <i>Nano Letters</i> , 2015 , 15, 2491-7	11.5	53
11	Hot-Electron-Assisted Femtosecond All-Optical Modulation in Plasmonics. <i>Advanced Materials</i> , 2018 , 30, 1704915	24	37
10	Ultrafast Control of Phase and Polarization of Light Expedited by Hot-Electron Transfer. <i>Nano Letters</i> , 2018 , 18, 5544-5551	11.5	37
9	Metasurfaces for Near-Eye Augmented Reality. <i>ACS Photonics</i> , 2019 , 6, 864-870	6.3	23
8	Photocurrent-Induced Active Control of Second-Order Optical Nonlinearity in Monolayer MoS ₂ . <i>Small</i> , 2020 , 16, e1906347	11	16
7	Electrically Biased Silicon Metasurfaces with Magnetic Mie Resonance for Tunable Harmonic Generation of Light. <i>ACS Photonics</i> , 2019 , 6, 2663-2670	6.3	13
6	Transient Second-Order Nonlinear Media: Breaking the Spatial Symmetry in the Time Domain via Hot-Electron Transfer. <i>Physical Review Letters</i> , 2020 , 124, 013901	7.4	10
5	Multi-Functional Transparent Luminescent Configuration for Advanced Photovoltaics. <i>Advanced Energy Materials</i> , 2016 , 6, 1502404	21.8	8
4	Comparative Chemico-Physical Analyses of Strain-Free GaAs/AlGaAs Quantum Dots Grown by Droplet Epitaxy. <i>Nanomaterials</i> , 2020 , 10,	5.4	5
3	Reversible Photochemical Switching via Plasmonically Enhanced Upconversion Photoluminescence. <i>Advanced Optical Materials</i> , 2021 , 9, 2100776	8.1	3

- 2 Epitaxial KNbO₃:Yb³⁺,Er³⁺ nanopattern for enhanced upconversion photoluminescence. *Journal of Alloys and Compounds*, **2020**, 813, 152238 5-7 1
- 1 All-solution-processed Si films with broadband and omnidirectional light absorption. *Nanotechnology*, **2019**, 30, 405202 3-4