

Kyu-Tae Lee

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1360370/kyu-tae-lee-publications-by-year.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Reversible Photochemical Switching via Plasmonically Enhanced Upconversion Photoluminescence. <i>Advanced Optical Materials</i> , 2021 , 9, 2100776	8.1	3
18	Photocarrier-Induced Active Control of Second-Order Optical Nonlinearity in Monolayer MoS. <i>Small</i> , 2020 , 16, e1906347	11	16
17	Epitaxial KNbO ₃ :Yb ³⁺ ,Er ³⁺ nanopattern for enhanced upconversion photoluminescence. <i>Journal of Alloys and Compounds</i> , 2020 , 813, 152238	5.7	1
16	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
15	Compounding Meta-Atoms into Metamolecules with Hybrid Artificial Intelligence Techniques. <i>Advanced Materials</i> , 2020 , 32, e1904790	24	55
14	Comparative Chemico-Physical Analyses of Strain-Free GaAs/AlGaAs Quantum Dots Grown by Droplet Epitaxy. <i>Nanomaterials</i> , 2020 , 10,	5.4	5
13	Metasurfaces for Near-Eye Augmented Reality. <i>ACS Photonics</i> , 2019 , 6, 864-870	6.3	23
12	All-solution-processed Si films with broadband and omnidirectional light absorption. <i>Nanotechnology</i> , 2019 , 30, 405202	3.4	
11	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
10	Hot-Electron-Assisted Femtosecond All-Optical Modulation in Plasmonics. <i>Advanced Materials</i> , 2018 , 30, 1704915	24	37
9	Ultrafast Control of Phase and Polarization of Light Expedited by Hot-Electron Transfer. <i>Nano Letters</i> , 2018 , 18, 5544-5551	11.5	37
8	Generative Model for the Inverse Design of Metasurfaces. <i>Nano Letters</i> , 2018 , 18, 6570-6576	11.5	323
7	Long-term efficient organic photovoltaics based on quaternary bulk heterojunctions. <i>Nature Communications</i> , 2017 , 8, 14068	17.4	54
6	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
5	Multi-Functional Transparent Luminescent Configuration for Advanced Photovoltaics. <i>Advanced Energy Materials</i> , 2016 , 6, 1502404	21.8	8
4	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
3	Simultaneous enhancement of upconversion and downshifting luminescence via plasmonic structure. <i>Nano Letters</i> , 2015 , 15, 2491-7	11.5	53

- | | | | |
|---|---|------|----|
| 2 | Optically Switchable Smart Windows with Integrated Photovoltaic Devices. <i>Advanced Energy Materials</i> , 2015 , 5, 1401347 | 21.8 | 61 |
| 1 | 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 |