

Erika Penzo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12188004/publications.pdf>

Version: 2024-02-01

21
papers

1,102
citations

623734

14
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

1758
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-range charge transport in single G-quadruplex DNA molecules. <i>Nature Nanotechnology</i> , 2014, 9, 1040-1046.	31.5	218
2	Label-free sensing of ultralow-weight molecules with all-dielectric metasurfaces supporting bound states in the continuum. <i>Photonics Research</i> , 2018, 6, 726.	7.0	209
3	Optical Biosensors Based on Photonic Crystals Supporting Bound States in the Continuum. <i>Materials</i> , 2018, 11, 526.	2.9	89
4	Surface-Enhanced Raman and Fluorescence Spectroscopy with an All-Dielectric Metasurface. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19738-19745.	3.1	75
5	Tuning the exponential sensitivity of a bound-state-in-continuum optical sensor. <i>Optics Express</i> , 2019, 27, 18776.	3.4	71
6	Ultrasensitive Surface Refractive Index Imaging Based on Quasi-Bound States in the Continuum. <i>ACS Nano</i> , 2020, 14, 15417-15427.	14.6	67
7	Tunable Anisotropic Photon Emission from Self-Organized CsPbBr ₃ Perovskite Nanocrystals. <i>Nano Letters</i> , 2017, 17, 4534-4540.	9.1	66
8	Manipulating the Transition Dipole Moment of CsPbBr ₃ Perovskite Nanocrystals for Superior Optical Properties. <i>Nano Letters</i> , 2019, 19, 2489-2496.	9.1	60
9	Long-Range Exciton Diffusion in Two-Dimensional Assemblies of Cesium Lead Bromide Perovskite Nanocrystals. <i>ACS Nano</i> , 2020, 14, 6999-7007.	14.6	57
10	Directed Assembly of Single Wall Carbon Nanotube Field Effect Transistors. <i>ACS Nano</i> , 2016, 10, 2975-2981.	14.6	39
11	Controlled Formation of Carbon Nanotube Junctions via Linker-Induced Assembly in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2013, 135, 8440-8443.	13.7	29
12	Directed Assembly of End-Functionalized Single Wall Carbon Nanotube Segments. <i>Nano Letters</i> , 2015, 15, 6547-6552.	9.1	29
13	Observation of spin-polarized directive coupling of light at bound states in the continuum. <i>Optica</i> , 2019, 6, 1305.	9.3	29
14	Selective placement of DNA origami on substrates patterned by nanoimprint lithography. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2011, 29, 06F205.	1.2	25
15	Light-Driven Permanent Charge Separation across a Hybrid Zero-Dimensional/Two-Dimensional Interface. <i>Journal of Physical Chemistry C</i> , 2020, 124, 8000-8007.	3.1	14
16	OD Nanocrystals as Light-Driven, Localized Charge-Injection Sources for the Contactless Manipulation of Atomically Thin 2D Materials. <i>Advanced Photonics Research</i> , 2021, 2, 2000151.	3.6	9
17	Lithographically directed assembly of one-dimensional DNA nanostructures via bivalent binding interactions. <i>Nano Research</i> , 2013, 6, 409-417.	10.4	8
18	Improved Stability and Exciton Diffusion of Self-Assembled 2D Lattices of Inorganic Perovskite Nanocrystals by Atomic Layer Deposition. <i>Advanced Optical Materials</i> , 2020, 8, 2000900.	7.3	6

#	ARTICLE	IF	CITATIONS
19	Bound-state in the continuum of a photonic crystal metasurface: a platform for ultrasensitive sensing and near field amplification. Journal of Physics: Conference Series, 2020, 1461, 012138.	0.4	1
20	Enhancing light-matter interaction in all-dielectric photonic crystal metasurfaces. , 2019, , .		1
21	Quantum spin Hall effect in bound states in continuum. , 2019, , .		0