

# Acousto-optic modulation of photonic bound state in th

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Chip-scale nonlinear photonics for quantum light generation. <i>AVS Quantum Science</i> , 2020, 2, .	1.8	47
2	Optically Stimulated Luminescence Phosphors: Principles, Applications, and Prospects. <i>Laser and Photonics Reviews</i> , 2020, 14, 2000123.	4.4	73
3	Growth process control produces high-crystallinity and complete-reaction perovskite solar cells. <i>RSC Advances</i> , 2020, 10, 35898-35905.	1.7	4
4	Short-wave IR ultrafast fiber laser systems: Current challenges and prospective applications. <i>Journal of Applied Physics</i> , 2020, 128, .	1.1	29
5	Recent Advances in Luminescent Zero-Dimensional Organic Metal Halide Hybrids. <i>Advanced Optical Materials</i> , 2021, 9, 2001766.	3.6	118
6	Thermoplasmonic-biosensing demonstration based on the photothermal response of metallic nanoparticles. <i>Journal of Applied Physics</i> , 2020, 128, 164302.	1.1	1
7	Nonlinear Bound States in the Continuum of Etchless Lithium Niobate Metasurfaces. <i>IEEE Photonics Journal</i> , 2020, 12, 1-9.	1.0	13
8	Design of a human eye retinal camera optical system with dual-wavelength coaxial astigmatism correction. <i>Optical and Quantum Electronics</i> , 2020, 52, 1.	1.5	0
9	Bound-States-in-Continuum Hybrid Integration of 2D Platinum Diselenide on Silicon Nitride for High-Speed Photodetectors. <i>ACS Photonics</i> , 2020, 7, 2643-2649.	3.2	32
10	Dynamical quantum phase transitions in a spin chain with deconfined quantum critical points. <i>Physical Review B</i> , 2020, 102, .	1.1	14
11	Genetically optimized dual-wavelength all-dielectric metasurface based on double-layer epsilon-near-zero indium-tin-oxide films. <i>Journal of Applied Physics</i> , 2020, 128, .	1.1	15
12	Normal-Incidence-Excited Strong Coupling between Excitons and Symmetry-Protected Quasi-Bound States in the Continuum in Silicon Nitride $\text{WS}_2$ Heterostructures at Room Temperature. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4631-4638.	2.1	43
13	Photoacoustic and ultrasound (PAUS) dermoscope with high sensitivity and penetration depth by using a bimorph transducer. <i>Journal of Biophotonics</i> , 2020, 13, e202000145.	1.1	16
14	Bandwidth Enhancement of Planar Terahertz Metasurfaces via Overlapping of Dipolar Modes. <i>Plasmonics</i> , 2020, 15, 1925-1934.	1.8	14
15	Machine learning enables design of on-chip integrated silicon T-junctions with footprint of $1.2 \times 1.2 \mu\text{m}^2$ . <i>Nano Communication Networks</i> , 2020, 25, 100312.	1.6	11
16	Photonic Bound States in the Continuum: From Basics to Applications. <i>Advanced Optical Materials</i> , 2021, 9, .	3.6	237
17	2D MOF-derived porous NiCoSe nanosheet arrays on Ni foam for overall water splitting. <i>CrystEngComm</i> , 2021, 23, 69-81.	1.3	37
18	2D $\text{WS}_2$ Based Asymmetric Schottky Photodetector with High Performance. <i>Advanced Electronic Materials</i> , 2021, 7, 2000964.	2.6	68

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19	Tunable Optical Properties of 2D Materials and Their Applications. <i>Advanced Optical Materials</i> , 2021, 9, 2001313.	3.6	100
20	Hidden Structural Evolution and Bond Valence Control in Near-Infrared Phosphors for Light-Emitting Diodes. <i>ACS Energy Letters</i> , 2021, 6, 109-114.	8.8	110
21	Fabrication and performances of double-sided HfO <sub>2</sub> anti-reflection films with ultra-high infrared transmittance. <i>Journal of Alloys and Compounds</i> , 2021, 858, 158337.	2.8	19
22	Pseudo-Waveform-Selective Metasurfaces and their Limited Performance. <i>Advanced Theory and Simulations</i> , 2021, 4, 2000187.	1.3	3
23	A Journey of Nanomotors for Targeted Cancer Therapy: Principles, Challenges, and a Critical Review of the State-of-the-Art. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001236.	3.9	45
24	A Quasi-classical Model for Delineation of Dynamical States and Chaotic Maps in a Spaser. <i>Plasmonics</i> , 2021, 16, 97-105.	1.8	2
25	TM-polarized angle-dispersive metasurface for axisymmetric extension of beam steering angles. <i>Optics Express</i> , 2021, 29, 3211.	1.7	3
26	Formation of laser-induced periodic surface nanometric concentric ring structures on silicon surfaces through single-spot irradiation with orthogonally polarized femtosecond laser double-pulse sequences. <i>Nanophotonics</i> , 2021, 10, 1273-1283.	2.9	10
27	Halide perovskites scintillators: unique promise and current limitations. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11588-11604.	2.7	43
28	A thermally robust and optically transparent infrared selective emitter for compatible camouflage. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15018-15025.	2.7	20
29	Frontiers of light manipulation in natural, metallic, and dielectric nanostructures. <i>Rivista Del Nuovo Cimento</i> , 2021, 44, 1-68.	2.0	28
30	Controllable two-dimensional Kerr and Raman-Kerr frequency combs in microbottle resonators with selectable dispersion. <i>Photonics Research</i> , 2021, 9, 171.	3.4	10
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34	Distinguishing wavelength using two parallelly stacking graphene/thin Si/graphene heterojunctions. <i>Journal of Materials Chemistry C</i> , 0, , .	2.7	6
35	Precise dynamic characterization of microcombs assisted by an RF spectrum analyzer with THz bandwidth and MHz resolution. <i>Optics Express</i> , 2021, 29, 2153.	1.7	7
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37	AlN nonlinear optics and integrated photonics. Semiconductors and Semimetals, 2021, 107, 223-281.	0.4	1
38	Polymerization mechanisms initiated by spatio-temporally confined light. Nanophotonics, 2021, 10, 1211-1242.	2.9	71
39	Demonstration of on-chip gigahertz acousto-optic modulation at near-visible wavelengths. , 2021, , .		1
40	Super-linear Behavior of Exciton Emission in Electrically-gated Two-dimensional Material. , 2021, , .		0
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50	Single-shot three-dimensional imaging with a scattering layer [Invited]. Applied Optics, 2021, 60, B32.	0.9	3
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52	Supercontinuum generation in silicon Bragg grating waveguide. Applied Physics Letters, 2021, 118, 071106.	1.5	7
53	Enhancement in external quantum efficiency of AlGaInP red $\lambda$ -LED using chemical solution treatment process. Scientific Reports, 2021, 11, 4535.	1.6	22
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63	Merging Bound States in the Continuum at Off-High Symmetry Points. Physical Review Letters, 2021, 126, 117402.	2.9	107
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75	Enhancing single photon emission through quasi-bound states in the continuum of monolithic hexagonal boron nitride metasurface. <i>JPhys Materials</i> , 2021, 4, 035001.	1.8	6
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86	Tunable THz Switch-Filter Based on Magneto-Plasmonic Graphene Nanodisk. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-9.	1.2	5
87	Experimental Evidence of the Existence of Bound States in the Continuum and Fano Resonances in Solid-Liquid Layered Media. <i>Physical Review Applied</i> , 2021, 15, .	1.5	14
88	54â€²: Displays with Integrated Microcamera Arrays for Image Capture and Sensing. <i>Digest of Technical Papers SID International Symposium</i> , 2021, 52, 745-748.	0.1	1
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