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List of articles citing

A flexible solar-blind 2D boron nitride nanopaper-based photodetector with high thermal resistance

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#	Paper	IF	Citations
55	Orthogonal Lithography for Halide Perovskite Optoelectronic Nanodevices. <i>ACS Nano</i> , 2019 , 13, 1168-1176	17.7	74
54	Simultaneous production and functionalization of hexagonal boron nitride nanosheets by solvent-free mechanical exfoliation for superlubricant water-based lubricant additives. <i>Npj 2D Materials and Applications</i> , 2019 , 3,	8.8	37
53	High-speed colour-converting photodetector with all-inorganic CsPbBr perovskite nanocrystals for ultraviolet light communication. <i>Light: Science and Applications</i> , 2019 , 8, 94	16.7	125
52	Wearable Gallium Oxide Solar-Blind Photodetectors on Muscovite Mica Having Ultrahigh Photoresponsivity and Detectivity with Added High-Temperature Functionalities. <i>ACS Applied Electronic Materials</i> , 2019 , 1, 2463-2470	4	25
51	Kinking effects and transport properties of coaxial BN-C nanotubes as revealed by in situ transmission electron microscopy and theoretical analysis. <i>APL Materials</i> , 2019 , 7, 101118	5.7	
50	Highly Efficient and Stable White Light-Emitting Diodes Using Perovskite Quantum Dot Paper. <i>Advanced Science</i> , 2019 , 6, 1902230	13.6	37
49	Mass fabrication and superior microwave absorption property of multilayer graphene/hexagonal boron nitride nanoparticle hybrids. <i>Npj 2D Materials and Applications</i> , 2019 , 3,	8.8	32
48	Hydrothermal Synthesis of Boron Nitride Quantum Dots/Poly(Luminol) Nanocomposite for Selective Detection of Ascorbic Acid. <i>Journal of the Electrochemical Society</i> , 2019 , 166, B3017-B3024	3.9	35
47	Production of large-area 2D materials for high-performance photodetectors by pulsed-laser deposition. <i>Progress in Materials Science</i> , 2019 , 106, 100573	42.2	94
46	2D semiconductors towards high-performance ultraviolet photodetection. <i>Journal Physics D: Applied Physics</i> , 2019 , 52, 303002	3	14
45	Deep-ultraviolet integrated photonic and optoelectronic devices: A prospect of the hybridization of group IIIbtrides, IIIbixides, and two-dimensional materials. <i>Journal of Semiconductors</i> , 2019 , 40, 121801	2.3	17
44	Flexible Photodetector Based on 2D Materials: Processing, Architectures, and Applications. <i>Advanced Materials Interfaces</i> , 2020 , 7, 1901657	4.6	50
43	Facile fabrication of Hildewintera-colademonis-like hexagonal boron nitride/carbon nanotube composite having light weight and enhanced microwave absorption. <i>Journal of Colloid and Interface Science</i> , 2020 , 564, 454-466	9.3	26
42	Fast-Response, Highly Air-Stable, and Water-Resistant Organic Photodetectors Based on a Single-Crystal Pt Complex. <i>Advanced Materials</i> , 2020 , 32, e1904634	24	41
41	BN/NiO nanocomposites: Structural, defect chemistry and electrical properties in hydrogen gas atmosphere. <i>Ceramics International</i> , 2020 , 46, 26233-26237	5.1	3
40	Highly UV Resistant Inch-Scale Hybrid Perovskite Quantum Dot Papers. <i>Advanced Science</i> , 2020 , 7, 1902439	13.6	19
39	Flexible crystalline EGa2O3 solar-blind photodetectors. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 14732-14739	14.7	14

38	Aqueous-Phase Exfoliation and Functionalization of Boron Nitride Nanosheets Using Tannic Acid for Thermal Management Applications. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 16273-16282	3.9	13
37	Synergistic Enhanced Thermal Conductivity of Epoxy Composites with Boron Nitride Nanosheets and Microspheres. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 12723-12733	3.8	38
36	Deep Ultraviolet Photodetectors Based on Carbon-Doped Two-Dimensional Hexagonal Boron Nitride. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 27361-27367	9.5	16
35	Structural, morphological and temperature-dependent electrical properties of BN/NiO nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 13158-13166	2.1	5
34	Giant Optical Anisotropy of Perovskite Nanowire Array Films. <i>Advanced Functional Materials</i> , 2020 , 30, 1909275	15.6	64
33	Designed growth and patterning of perovskite nanowires for lasing and wide color gamut phosphors with long-term stability. <i>Nano Energy</i> , 2020 , 73, 104801	17.1	39
32	Recent Progress in Short- to Long-Wave Infrared Photodetection Using 2D Materials and Heterostructures. <i>Advanced Optical Materials</i> , 2021 , 9, 2001708	8.1	59
31	Effect of ammonia gas on electrical properties of boron nitride/nickel oxide (BN80/NiO20) nanocomposite. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 5556-5566	2.1	1
30	A progressive journey into 2D-chalcogenide/carbide/nitride-based broadband photodetectors: recent developments and future perspectives. <i>Journal of Materials Chemistry C</i> ,	7.1	3
29	Evolution of low-dimensional material-based field-effect transistors. <i>Nanoscale</i> , 2021 , 13, 5162-5186	7.7	14
28	Cross-Substitution Promoted Ultrawide Bandgap up to 4.5 eV in a 2D Semiconductor: Gallium Thiophosphate. <i>Advanced Materials</i> , 2021 , 33, e2008761	24	13
27	Direct Growth of Hexagonal Boron Nitride Thick Films on Dielectric Substrates by Ion Beam Assisted Deposition for Deep-UV Photodetectors. <i>Advanced Optical Materials</i> , 2021 , 9, 2100342	8.1	4
26	High-responsivity flexible ultraviolet photodetector via single aluminum nitride nanowire. <i>Optical Engineering</i> , 2021 , 60,	1.1	
25	Comprehensive characterization and analysis of hexagonal boron nitride on sapphire. <i>AIP Advances</i> , 2021 , 11, 055008	1.5	3
24	One-Dimensional Molecular Metal Halide Materials: Structures, Properties, and Applications. <i>Small Structures</i> , 2021 , 2, 2000062	8.7	18
23	Emerging 2D Organic-Inorganic Heterojunctions. <i>Cell Reports Physical Science</i> , 2020 , 1, 100166	6.1	9
22	Single crystalline boron rich B(Al)N alloys grown by MOVPE. <i>Applied Physics Letters</i> , 2020 , 116, 042101	3.4	7
21	2D materials inks toward smart flexible electronics. <i>Materials Today</i> , 2021 , 50, 116-116	21.8	14

20	Interfacial crosslinking for highly thermally conductive and mechanically strong boron nitride/aramid nanofiber composite film. <i>Composites Communications</i> , 2021 , 28, 100962	6.7	3
19	Perovskite Quantum Dot Photodetectors. <i>Springer Series in Materials Science</i> , 2020 , 181-218	0.9	
18	Semipolar (11 $\bar{0}$ 2) AlN Grown on m-Plane Sapphire by Flow-Rate Modulation Epitaxy for Vacuum-Ultraviolet Photodetection. <i>Crystal Growth and Design</i> ,	3.5	0
17	Advanced porous borocarbonitride nanoarchitectonics: Their structural designs and applications. <i>Carbon</i> , 2022 , 190, 142-169	10.4	2
16	Plasmonic enhancement in deep ultraviolet photoresponse of hexagonal boron nitride thin films. <i>Applied Physics Letters</i> , 2022 , 120, 091109	3.4	2
15	2D Ultrawide Bandgap Semiconductors: Odyssey and Challenges.. <i>Small Methods</i> , 2022 , e2101348	12.8	2
14	Printed graphene and hybrid conductive inks for flexible, stretchable, and wearable electronics: Progress, opportunities, and challenges. <i>Journal of Science: Advanced Materials and Devices</i> , 2022 , 7, 100435	4.3	1
13	Semipolar (112 $\bar{2}$) AlGa _N -Based Solar-Blind Ultraviolet Photodetectors with Fast Response.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	3
12	Aqueous-Printed Ga ₂ O ₃ Films for High-Performance Flexible and Heat-Resistant Deep Ultraviolet Photodetector and Array. <i>Advanced Optical Materials</i> , 2200512	8.1	3
11	Low-Power Operating Aluminum Nitride Nanowire-Film Ultraviolet Photodetector. <i>Journal of Nano Research</i> , 74, 25-34	1	
10	High-temperature flexible WSe ₂ photodetectors with ultrahigh photoresponsivity. 2022 , 13,		2
9	Topological insulators photodetectors: Preparation, advances and application challenges. 2022 , 33, 104190		1
8	Fabrication, material regulation, and healthcare applications of flexible photodetectors. 2022 , 10, 12511-12523		0
7	GaN-Djoser Pyramidal Self Powered UV Photodetector for Optical Signal Detection in Rugged Environments. 2023 , 930, 167267		2
6	Van der Waals interfaces in multilayer junctions for ultraviolet photodetection. 2022 , 6,		0
5	Nanopapers toward Green Photonic and Optical Applications. 2022 , 10, 16995-17026		0
4	Borophene Embedded Cellulose Paper for Enhanced Photothermal Water Evaporation and Prompt Bacterial Killing. 2205809		0
3	Research and technology on smart supercapacitors. 2023 , 101-136		0

2 Highly stable, substrate-free, and flexible broadband halide perovskite paper photodetectors. **2023**
, 15, 6581-6587 ○

1 Nanopaper Electronics. ○