

Flexoelectronics of centrosymmetric semiconductors

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Enhanced Spin-Orbit Coupled Photoluminescence of Perovskite CsPbBr ₃ Quantum Dots by Piezo-Phototronic Effect. Nano Letters, 2020, 20, 8298-8304.	9.1	19
2	Flexoelectricity in thin films and membranes of complex oxides. APL Materials, 2020, 8, .	5.1	14
3	The impact of flexoelectricity on materials, devices, and physics. Journal of Applied Physics, 2020, 128, .	2.5	50
4	Nanogenerators facilitated piezoelectric and flexoelectric characterizations for bioinspired energy harvesting materials. Nano Energy, 2021, 81, 105607.	16.0	18
5	Inverse Flexoelectret Effect: Bending Dielectrics by a Uniform Electric Field. Physical Review Applied, 2021, 15, .	3.8	13
6	Improved anisotropy and piezoelectricity by applying in-plane deformation in monolayer WS ₂ . Journal of Materials Chemistry C, 2021, 9, 1396-1400.	5.5	8
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9	Statistical Piezotronic Effect in Nanocrystal Bulk by Anisotropic Geometry Control. Advanced Functional Materials, 2021, 31, 2010339.	14.9	4
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11	Large Magnetic Moment in Flexoelectronic Silicon at Room Temperature. Nano Letters, 2021, 21, 2939-2945.	9.1	8
12	A non-classical theory of elastic dielectrics incorporating couple stress and quadrupole effects: part I – reconsideration of curvature-based flexoelectricity theory. Mathematics and Mechanics of Solids, 2021, 26, 1647-1659.	2.4	30
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18	Mechanical Manipulation of Silicon-based Schottky Diodes via Flexoelectricity. Nano Energy, 2021, 83, 105855.	16.0	41

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20	Controllable, Selfâ€‘Powered, and Highâ€‘Performance Shortâ€‘Wavelength Infrared Photodetector Driven by Coupled Flexoelectricity and Strain Effect. Small Methods, 2021, 5, e2100342.	8.6	16
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