

J D Gavenda

List of Publications by Citations

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papers

425
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33
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443
ext. citations

4
avg, IF

2.26
L-index

#	Paper	IF	Citations
31	Evidence for Anisotropy of the Superconducting Energy Gap from Ultrasonic attenuation. <i>Physical Review Letters</i> , 1959 , 3, 15-16	7.4	70
30	Electron Relaxation Time Anisotropy in Copper. <i>Physical Review</i> , 1963 , 129, 1990-1994		43
29	Magnetic Oscillations of Ultrasonic Attenuation in a Copper Crystal at Low Temperatures. <i>Physical Review Letters</i> , 1959 , 2, 250-252	7.4	42
28	Electron Resonances with Ultrasonic Waves in Copper. <i>Physical Review</i> , 1958 , 109, 1394-1396		41
27	Attenuation and Rotation of Plane-Polarized Ultrasound in Copper in a Longitudinal Magnetic Field. <i>Physical Review</i> , 1966 , 152, 645-658		32
26	Resonant Absorption of Ultrasound by Open-Orbit Electrons in Cadmium. <i>Physical Review Letters</i> , 1962 , 8, 208-209	7.4	31
25	Newton's cradle and scientific explanation. <i>Physics Teacher</i> , 1997 , 35, 411-417	0.4	19
24	Ultrasonic Investigation of Open Orbits in Cadmium and Zinc. <i>Physical Review</i> , 1964 , 136, A1096-A1101		19
23	Magnetic Field Dependence of the Velocity of Sound in Ultrapure Cd and Cu. <i>Physical Review</i> , 1968 , 175, 805-812		15
22	Magnetoacoustic Effects in Very Pure Cd. <i>Physical Review</i> , 1969 , 186, 630-641		14
21	Gantmakher Oscillations in the Neighborhood of a Helicon Window in Copper. <i>Physical Review Letters</i> , 1968 , 21, 998-1001	7.4	12
20	Rotation and Attenuation of Shear Sound Waves in Copper. <i>Physical Review Letters</i> , 1965 , 15, 364-367	7.4	12
19	Size Effects and Doppler-Shifted Cyclotron Resonance of Helicons in Copper. <i>Physical Review B</i> , 1970 , 2, 1492-1506	3.3	11
18	Magnetoacoustic Effects with Finite Omega-Tau. <i>Physical Review Letters</i> , 1966 , 16, 228-230	7.4	10
17	Temperature Dependence of Electron Mean Free Paths in Cadmium and Copper. <i>Physical Review B</i> , 1971 , 3, 3577-3579	3.3	6
16	Polarization Dependence of Shear-Wave Attenuation by Open-Orbit Electrons in Cu. <i>Physical Review B</i> , 1972 , 6, 4392-4395	3.3	6
15	Attenuation and velocity of sound near the open-orbit resonances in copper. <i>Physical Review B</i> , 1974 , 9, 1240-1245	3.3	6

14	Interpolation functions for Fermi surfaces in strained metals. <i>Physical Review B</i> , 1980 , 21, 2096-2103	3-3	5
13	Anomalous propagation of ultrasound at Doppler-shifted cyclotron resonances. <i>Physical Review B</i> , 1979 , 19, 4331-4332	3-3	5
12	Anomalous Propagation of Ultrasound in Metals by Open-Orbit Electrons. <i>Physical Review Letters</i> , 1978 , 40, 1211-1214	7-4	4
11	High-Field Saturation of Ultrasonic Attenuation in Copper and Potassium. <i>Physical Review B</i> , 1971 , 3, 324-331	3-3	4
10	Dispersion of ultrasound by conduction electrons calculated from the deformation coefficient. <i>Physical Review B</i> , 1983 , 27, 1997-2004	3-3	3
9	Role of the deformation potential in ultrasonic attenuation by open-orbit electrons in copper. <i>Physical Review B</i> , 1979 , 19, 3857-3867	3-3	3
8	Doppler-Shifted Open-Orbit Resonance and High-Field Magnetoacoustic Oscillations in Ultrapure Copper. <i>Physical Review B</i> , 1971 , 3, 231-237	3-3	3
7	Generation of ultrasonic replica wave packets. <i>Physical Review B</i> , 1985 , 32, 1887-1891	3-3	2
6	Low-field magnetoacoustic dispersion in metals. <i>Physical Review B</i> , 1980 , 22, 1789-1792	3-3	2
5	Electron lifetimes from magnetoacoustic open-orbit resonances. <i>European Physical Journal B</i> , 1975 , 19, 79-85	1-2	2
4	Ultrasonic shear-wave attenuation by open-orbit electrons in Cu, Ag, and Au. <i>Physical Review B</i> , 1975 , 12, 1167-1171	3-3	2
3	Large dynamic range technique for magnetoacoustic measurements. <i>Review of Scientific Instruments</i> , 2001 , 72, 2498-2499	1-7	1
2	Magnetoacoustic effects caused by surface-scattered conduction electrons in copper. <i>Physical Review B</i> , 1992 , 45, 3669-3673	3-3	0
1	A Method for Digital Measurement of Attenuation. <i>Review of Scientific Instruments</i> , 1971 , 42, 1881-1882 _{1.7}		