

J D Gavenda

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Magnetoacoustic effects in copper using surface acoustic waves. <i>Physical Review B</i> , 2004, 70, .	1.1	1
2	Comment on "Ultrasonic studies of the spin-triplet order parameter and the collective mode in Sr ₂ RuO ₄ ": <i>Physical Review B</i> , 2002, 66, .	1.1	1
3	Large dynamic range technique for magnetoacoustic measurements. <i>Review of Scientific Instruments</i> , 2001, 72, 2498-2499.	0.6	2
4	Newton's cradle and scientific explanation. <i>Physics Teacher</i> , 1997, 35, 411-417.	0.2	23
5	Magnetoacoustic effects caused by surface-scattered conduction electrons in copper. <i>Physical Review B</i> , 1992, 45, 3669-3673.	1.1	1
6	Generation of ultrasonic replica wave packets. <i>Physical Review B</i> , 1985, 32, 1887-1891.	1.1	3
7	Dispersion of ultrasound by conduction electrons calculated from the deformation coefficient. <i>Physical Review B</i> , 1983, 27, 1997-2004.	1.1	4
8	Low-field magnetoacoustic dispersion in metals. <i>Physical Review B</i> , 1980, 22, 1789-1792.	1.1	2
9	Interpolation functions for Fermi surfaces in strained metals. <i>Physical Review B</i> , 1980, 21, 2096-2103.	1.1	5
10	Role of the deformation potential in ultrasonic attenuation by open-orbit electrons in copper. <i>Physical Review B</i> , 1979, 19, 3857-3867.	1.1	3
11	Anomalous propagation of ultrasound at Doppler-shifted cyclotron resonances. <i>Physical Review B</i> , 1979, 19, 4331-4332.	1.1	5
12	Anomalous Propagation of Ultrasound in Metals by Open-Orbit Electrons. <i>Physical Review Letters</i> , 1978, 40, 1211-1214.	2.9	4
13	Electron lifetimes from magnetoacoustic open-orbit resonances. <i>European Physical Journal B</i> , 1975, 19, 79-85.	0.6	2
14	Ultrasonic shear-wave attenuation by open-orbit electrons in Cu, Ag, and Au. <i>Physical Review B</i> , 1975, 12, 1167-1171.	1.1	2
15	Attenuation and velocity of sound near the open-orbit resonances in copper. <i>Physical Review B</i> , 1974, 9, 1240-1245.	1.1	6
16	Polarization Dependence of Shear-Wave Attenuation by Open-Orbit Electrons in Cu. <i>Physical Review B</i> , 1972, 6, 4392-4395.	1.1	7
17	Temperature Dependence of Electron Mean Free Paths in Cadmium and Copper. <i>Physical Review B</i> , 1971, 3, 3577-3579.	1.1	6
18	High-Field Saturation of Ultrasonic Attenuation in Copper and Potassium. <i>Physical Review B</i> , 1971, 3, 324-331.	1.1	6

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19	Doppler-Shifted Open-Orbit Resonance and High-Field Magnetoacoustic Oscillations in Ultrapure Copper. <i>Physical Review B</i> , 1971, 3, 231-237.	1.1	3
20	A Method for Digital Measurement of Attenuation. <i>Review of Scientific Instruments</i> , 1971, 42, 1881-1882.	0.6	0
21	Size Effects and Doppler-Shifted Cyclotron Resonance of Helicons in Copper. <i>Physical Review B</i> , 1970, 2, 1492-1506.	1.1	11
22	Magnetoacoustic Effects in Very Pure Cd. <i>Physical Review</i> , 1969, 186, 630-641.	2.7	14
23	Magnetic Field Dependence of the Velocity of Sound in Ultrapure Cd and Cu. <i>Physical Review</i> , 1968, 175, 805-812.	2.7	16
24	Gantmakher Oscillations in the Neighborhood of a Helicon Window in Copper. <i>Physical Review Letters</i> , 1968, 21, 998-1001.	2.9	12
25	Attenuation and Rotation of Plane-Polarized Ultrasound in Copper in a Longitudinal Magnetic Field. <i>Physical Review</i> , 1966, 152, 645-658.	2.7	33
26	Magnetoacoustic Effects with Finite Omega-Tau. <i>Physical Review Letters</i> , 1966, 16, 228-230.	2.9	12
27	Rotation and Attenuation of Shear Sound Waves in Copper. <i>Physical Review Letters</i> , 1965, 15, 364-367.	2.9	12
28	Ultrasonic Investigation of Open Orbits in Cadmium and Zinc. <i>Physical Review</i> , 1964, 136, A1096-A1101.	2.7	20
29	Electron Relaxation Time Anisotropy in Copper. <i>Physical Review</i> , 1963, 129, 1990-1994.	2.7	43
30	Resonant Absorption of Ultrasound by Open-Orbit Electrons in Cadmium. <i>Physical Review Letters</i> , 1962, 8, 208-209.	2.9	33
31	Magnetic Oscillations of Ultrasonic Attenuation in a Copper Crystal at Low Temperatures. <i>Physical Review Letters</i> , 1959, 2, 250-252.	2.9	45
32	Evidence for Anisotropy of the Superconducting Energy Gap from Ultrasonic attenuation. <i>Physical Review Letters</i> , 1959, 3, 15-16.	2.9	73
33	Electron Resonances with Ultrasonic Waves in Copper. <i>Physical Review</i> , 1958, 109, 1394-1396.	2.7	43