

J D Gavenda

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Evidence for Anisotropy of the Superconducting Energy Gap from Ultrasonic attenuation. Physical Review Letters, 1959, 3, 15-16.	2.9	73
2	Magnetic Oscillations of Ultrasonic Attenuation in a Copper Crystal at Low Temperatures. Physical Review Letters, 1959, 2, 250-252.	2.9	45
3	Electron Resonances with Ultrasonic Waves in Copper. Physical Review, 1958, 109, 1394-1396.	2.7	43
4	Electron Relaxation Time Anisotropy in Copper. Physical Review, 1963, 129, 1990-1994.	2.7	43
5	Resonant Absorption of Ultrasound by Open-Orbit Electrons in Cadmium. Physical Review Letters, 1962, 8, 208-209.	2.9	33
6	Attenuation and Rotation of Plane-Polarized Ultrasound in Copper in a Longitudinal Magnetic Field. Physical Review, 1966, 152, 645-658.	2.7	33
7	Newton's cradle and scientific explanation. Physics Teacher, 1997, 35, 411-417.	0.2	23
8	Ultrasonic Investigation of Open Orbits in Cadmium and Zinc. Physical Review, 1964, 136, A1096-A1101.	2.7	20
9	Magnetic Field Dependence of the Velocity of Sound in Ultrapure Cd and Cu. Physical Review, 1968, 175, 805-812.	2.7	16
10	Magnetoacoustic Effects in Very Pure Cd. Physical Review, 1969, 186, 630-641.	2.7	14
11	Rotation and Attenuation of Shear Sound Waves in Copper. Physical Review Letters, 1965, 15, 364-367.	2.9	12
12	Magnetoacoustic Effects with Finite Omega-Tau. Physical Review Letters, 1966, 16, 228-230.	2.9	12
13	Gantmakher Oscillations in the Neighborhood of a Helicon Window in Copper. Physical Review Letters, 1968, 21, 998-1001.	2.9	12
14	Size Effects and Doppler-Shifted Cyclotron Resonance of Helicons in Copper. Physical Review B, 1970, 2, 1492-1506.	1.1	11
15	Polarization Dependence of Shear-Wave Attenuation by Open-Orbit Electrons in Cu. Physical Review B, 1972, 6, 4392-4395.	1.1	7
16	Temperature Dependence of Electron Mean Free Paths in Cadmium and Copper. Physical Review B, 1971, 3, 3577-3579.	1.1	6
17	High-Field Saturation of Ultrasonic Attenuation in Copper and Potassium. Physical Review B, 1971, 3, 324-331.	1.1	6
18	Attenuation and velocity of sound near the open-orbit resonances in copper. Physical Review B, 1974, 9, 1240-1245.	1.1	6

#	ARTICLE	IF	CITATIONS
19	Anomalous propagation of ultrasound at Doppler-shifted cyclotron resonances. Physical Review B, 1979, 19, 4331-4332.	1.1	5
20	Interpolation functions for Fermi surfaces in strained metals. Physical Review B, 1980, 21, 2096-2103.	1.1	5
21	Anomalous Propagation of Ultrasound in Metals by Open-Orbit Electrons. Physical Review Letters, 1978, 40, 1211-1214.	2.9	4
22	Dispersion of ultrasound by conduction electrons calculated from the deformation coefficient. Physical Review B, 1983, 27, 1997-2004.	1.1	4
23	Doppler-Shifted Open-Orbit Resonance and High-Field Magnetoacoustic Oscillations in Ultrapure Copper. Physical Review B, 1971, 3, 231-237.	1.1	3
24	Role of the deformation potential in ultrasonic attenuation by open-orbit electrons in copper. Physical Review B, 1979, 19, 3857-3867.	1.1	3
25	Generation of ultrasonic replica wave packets. Physical Review B, 1985, 32, 1887-1891.	1.1	3
26	Electron lifetimes from magnetoacoustic open-orbit resonances. European Physical Journal B, 1975, 19, 79-85.	0.6	2
27	Ultrasonic shear-wave attenuation by open-orbit electrons in Cu, Ag, and Au. Physical Review B, 1975, 12, 1167-1171.	1.1	2
28	Low-field magnetoacoustic dispersion in metals. Physical Review B, 1980, 22, 1789-1792.	1.1	2
29	Large dynamic range technique for magnetoacoustic measurements. Review of Scientific Instruments, 2001, 72, 2498-2499.	0.6	2
30	Magnetoacoustic effects caused by surface-scattered conduction electrons in copper. Physical Review B, 1992, 45, 3669-3673.	1.1	1
31	Comment on "Ultrasonic studies of the spin-triplet order parameter and the collective mode in Sr ₂ RuO ₄ ", Physical Review B, 2002, 66, .	1.1	1
32	Magnetoacoustic effects in copper using surface acoustic waves. Physical Review B, 2004, 70, .	1.1	1
33	A Method for Digital Measurement of Attenuation. Review of Scientific Instruments, 1971, 42, 1881-1882.	0.6	0