Gerhard M Sessler

List of Publications by Year
in descending order

171 papers	7,733 citations	41258 49 h-index	66788 78 g-index
205 all docs	205 docs citations	205 times ranked	2458 citing authors

#	Article	IF	Citations
1	Tuneable resonance frequency vibrational energy harvester with electretâ€embedded variable capacitor. IET Nanodielectrics, 2021, 4, 53-62.	2.0	7
2	High performance fluorinated polyethylene propylene ferroelectrets with an air-filled parallel-tunnel structure. Smart Materials and Structures, 2021, 30, 015002.	1.8	25
3	Highly Efficient Piezoelectrets through Ultra-Soft Elastomeric Spacers. Polymers, 2021, 13, 3751.	2.0	10
4	Biodegradable 3D-printed ferroelectret ultrasonic transducer with large output pressure. , 2021, , .		3
5	Biodegradable additive manufactured ferroelectret as mechanical sensor. , 2021, , .		2
6	Comparative analysis of isothermal decay of the surface potential of fluoroethylenepropylene electrets and of the sensitivity of electret microphones at elevated temperature. AIP Advances, 2020, 10, .	0.6	8
7	Mechanical energy harvesting with ferroelectrets. IEEE Electrical Insulation Magazine, 2020, 36, 47-58.	1.1	17
8	Biodegradable cellular polylactic acid ferroelectrets with strong longitudinal and transverse piezoelectricity. Applied Physics Letters, 2020, 117, .	1.5	32
9	Ferroelectret-based flexible transducers: A strategy for acoustic levitation and manipulation of particles. Journal of the Acoustical Society of America, 2020, 147, EL421-EL427.	0.5	10
10	Cantilever-based ferroelectret energy harvesting. Applied Physics Letters, 2020, 116, 243901.	1.5	23
11	Microenergy Harvesters Based on Fluorinated Ethylene Propylene Piezotubes. Advanced Engineering Materials, 2020, 22, 1901399.	1.6	23
12	Acoustic energy harvesting with irradiated cross-linked polypropylene piezoelectret films. Physica Scripta, 2019, 94, 095002.	1.2	19
13	Modeling of piezoelectric coupling coefficients of soft ferroelectrets for energy harvesting. , 2019, , .		3
14	Energy harvesters based on fluorinated ethylene propylene unipolar ferroelectrets with negative charges. AIP Advances, 2019, 9, .	0.6	16
15	Broad bandwidth vibration energy harvester based on thermally stable wavy fluorinated ethylene propylene electret films with negative charges. Journal of Micromechanics and Microengineering, 2018, 28, 065012.	1.5	11
16	Vibration energy harvesting with piezoelectrets and electrets. Journal of Physics: Conference Series, 2018, 1052, 012140.	0.3	0
17	Ferroelectret nanogenerator with large transverse piezoelectric activity. Nano Energy, 2018, 50, 52-61.	8.2	75
18	Vibration-based energy harvesting with piezoelectrets having high d31 activity. Applied Physics Letters, 2016, 108, .	1.5	49

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19	Compact electret energy harvester with high power output. Applied Physics Letters, 2016, 109, .	1.5	28
20	Stacked and folded piezoelectrets for vibration-based energy harvesting. Phase Transitions, 2016, 89, 667-677.	0.6	26
21	Audio and ultrasonic responses of laminated fluoroethylenepropylene and porous polytetrafluoroethylene films with different charge distributions. Journal Physics D: Applied Physics, 2016, 49, 205502.	1.3	21
22	Energy harvesting from vibration with cross-linked polypropylene piezoelectrets. AIP Advances, 2015, 5, .	0.6	50
23	Electret transducer for vibration-based energy harvesting. Applied Physics Letters, 2015, 106, .	1.5	53
24	Energy harvesting with single-layer and stacked piezoelectret films. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 1470-1476.	1.8	31
25	Energy scavenging from vibration with two-layer laminated fluoroethylenepropylene piezoelectret films. , 2015, , .		5
26	Transducer Research at Bell Laboratories Under Manfred Schroeder. , 2015, , 213-228.		1
27	DC-Biased Piezoelectret Film Transducers for Airborne Ultrasound. Ferroelectrics, 2014, 472, 77-89.	0.3	12
28	Low-Cost, Large-Area, Stretchable Piezoelectric Films Based on Irradiation-Crosslinked Poly(propylene). Macromolecular Materials and Engineering, 2014, 299, 290-295.	1.7	36
29	Vibration-based energy harvesting with stacked piezoelectrets. Applied Physics Letters, 2014, 104, .	1.5	80
30	Fluoroethylenepropylene ferroelectret films with cross-tunnel structure for piezoelectric transducers and micro energy harvesters. Journal of Applied Physics, 2014, 116, .	1.1	76
31	Quasi-static and dynamic piezoelectric responses of layered polytetrafluoroethylene ferroelectrets. Journal Physics D: Applied Physics, 2014, 47, 015501.	1.3	37
32	High Sensitivity Electret Accelerometer With Integrated FET. IEEE Sensors Journal, 2014, 14, 1770-1777.	2.4	7
33	Piezoelectric performance of polytetrafluoroethylene ferroelectrets. , 2013, , .		3
34	Figure of merit of piezoelectret transducers for pulse-echo or transmit-receive systems for airborne ultrasound. Applied Physics Letters, 2013, 103, .	1.5	27
35	Electret microphones with stiff diaphragms. Journal of the Acoustical Society of America, 2013, 134, EL499-EL505.	0.5	7
36	Fluoroethylenepropylene ferroelectrets with patterned microstructure and high, thermally stable piezoelectricity. Applied Physics A: Materials Science and Processing, 2012, 107, 621-629.	1.1	65

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37	Close-talking piezoelectret microphone-arrays. , 2011, , .		0
38	Voltage sensitivity of electret- and piezoelectret-accelerometers. , 2011, , .		0
39	Electret accelerometers: Physics and dynamic characterization. Journal of the Acoustical Society of America, 2011, 129, 3682-3689.	0.5	12
40	History of the formation of the Deutsche Gesellschaft fÃ¼r Akustik (DEGA) Die Entstehungsgeschichte der Deutschen Gesellschaft fÃ¼r Akustik (DEGA). Acta Acustica United With Acustica, 2010, 96, 967-972.	0.8	0
41	High-sensitivity piezoelectret-film accelerometers. IEEE Transactions on Dielectrics and Electrical Insulation, 2010, 17, 1021-1027.	1.8	37
42	Broadband ferroelectret transducers. , 2009, , .		4
43	The effect of additives on charge decay in electron-beam charged polypropylene films. Journal Physics D: Applied Physics, 2009, 42, 065410.	1.3	23
44	Charge decay of electron-beam irradiated polypropylene films containing additives. , 2008, , .		0
45	Piezoelectret-microphones with coiled film stacks. , 2008, , .		1
46	Increased piezoelectric d<inf>33</inf>-coefficients of ferroelectrets with high external DC-voltages. , 2008, , .		0
47	DC-biased ferroelectrets with large piezoelectric d33-coefficients. Journal of Applied Physics, 2008, 103, .	1.1	53
48	Ferroelectrets with improved thermal stability made from fused fluorocarbon layers. Journal of Applied Physics, 2007, 101, 054114.	1.1	110
49	Improvement of piezoelectric coefficient of cellular polypropylene films by repeated expansions. Journal of Electrostatics, 2007, 65, 94-100.	1.0	44
50	Additives to improve the electret properties of isotactic polypropylene. Polymer, 2007, 48, 1612-1619.	1.8	85
51	Development of porous polypropylene blends with NA11 particles and glass hollow spheres by biaxial stretching for electret applications. IEEE Transactions on Dielectrics and Electrical Insulation, 2006, 13, 992-1000.	1.8	10
52	Stacked piezoelectret microphones of simple design and high sensitivity. IEEE Transactions on Dielectrics and Electrical Insulation, 2006, 13, 973-978.	1.8	9
53	Bernhard Gross and electret research: his contributions, our collaboration, and what followed. IEEE Transactions on Dielectrics and Electrical Insulation, 2006, 13, 942-952.	1.8	0
54	Thermally stable fluorocarbon ferroelectrets with high piezoelectric coefficient. Applied Physics A: Materials Science and Processing, 2006, 84, 139-142.	1.1	97

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55	Morphology and electret behaviour of microcellular high glass temperature films. Applied Physics A: Materials Science and Processing, 2006, 85, 87-93.	1.1	20
56	Charge storage behavior of isotropic and biaxially-oriented polypropylene films containing Î±- and Î²-nucleating agents. Journal of Applied Polymer Science, 2006, 99, 650-658.	1.3	77
57	Electret properties of biaxially stretched polypropylene films containing various additives. Journal Physics D: Applied Physics, 2006, 39, 535-540.	1.3	50
58	The influence of electron-beam irradiation on the volume resistivity of polyethylene and kapton. Journal of Electrostatics, 2005, 63, 749-754.	1.0	16
59	Penetration of sulfur hexafluoride into cellular polypropylene films and its effect on the electric charging and electromechanical response of ferroelectrets. Journal Physics D: Applied Physics, 2005, 38, 649-654.	1.3	41
60	Verification of a model for the piezoelectric d33 coefficient of cellular electret films. Journal of Applied Physics, 2005, 98, 064105.	1.1	68
61	Neuartige Polymer- und Siliziumsensoren in der Akustik (Novel Polymer and Silicon Sensors in) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.3	2
62	High-sensitivity piezoelectric microphones based on stacked cellular polymer films (L). Journal of the Acoustical Society of America, 2004, 116, 3267-3270.	0.5	122
63	Piezoelectric d33 coefficient of cellular polypropylene subjected to expansion by pressure treatment. Applied Physics Letters, 2004, 85, 1226-1228.	1.5	124
64	Improvement of piezoelectric activity of cellular polymers using a double-expansion process. Journal Physics D: Applied Physics, 2004, 37, 2146-2150.	1.3	121
65	Nucleation of isotactic polypropylene by triphenylamine-based trisamide derivatives and their influence on charge-storage properties. Polymer, 2004, 45, 6655-6663.	1.8	53
66	Quasistatic and dynamic piezoelectric coefficients of polymer foams and polymer film systems. IEEE Transactions on Dielectrics and Electrical Insulation, 2004, 11, 72-79.	1.8	94
67	Models of charge transport in electron-beam irradiated insulators. IEEE Transactions on Dielectrics and Electrical Insulation, 2004, 11, 192-202.	1.8	91
68	Ferroelectrets: Soft Electroactive Foams for Transducers. Physics Today, 2004, 57, 37-43.	0.3	475
69	Electret-thermal analysis of blood. Medical Engineering and Physics, 2002, 24, 361-364.	0.8	14
70	Electrets: recent developments. Journal of Electrostatics, 2001, 51-52, 137-145.	1.0	99
71	Influence of electron-beam irradiation on electric parameters of dielectric materials. Journal of Electrostatics, 2001, 51-52, 146-152.	1.0	13
72	Charge dynamics in silicon nitride/silicon oxide double layers. Applied Physics Letters, 2001, 78, 2757-2759.	1.5	29

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73	Thermal and acoustic pulse studies of space-charge profiles in electron-irradiated fluoroethylene propylene. Journal Physics D: Applied Physics, 2000, 33, 430-436.	1.3	8
74	Large and broadband piezoelectricity in smart polymer-foam space-charge electrets. Applied Physics Letters, 2000, 77, 3827-3829.	1.5	162
75	Piezoelectricity in cellular electret films. IEEE Transactions on Dielectrics and Electrical Insulation, 2000, 7, 537-542.	1.8	185
76	Bernhard Gross and the evolution of modern electret research. Brazilian Journal of Physics, 1999, 29, 220.	0.7	10
77	Electromechanical response of cellular electret films. Applied Physics Letters, 1999, 75, 3405-3407.	1.5	300
78	Novel Polymer Electrets. Materials Research Society Symposia Proceedings, 1999, 600, 143.	0.1	4
79	Charge dynamics in electron-irradiated polymers. Brazilian Journal of Physics, 1999, 29, .	0.7	26
80	Charging and charge-detection methods and their use in the characterization of polymer-electret materials. , 1998, , 81-87.		2
81	Charge decay on polymers subjected to ageing by partial discharges. Polymer International, 1998, 46, 47-53.	1.6	8
82	Charge dynamics and morphology of Ultem 1000 and Ultem 5000 PEI grade films. Polymer International, 1998, 46, 59-64.	1.6	24
83	A comparison of space-charge distributions in electron-beam irradiated FEP obtained by using heat-wave and pressure-pulse techniques. Journal Physics D: Applied Physics, 1997, 30, 1668-1675.	1.3	26
84	Charge distribution and transport in polymers. IEEE Transactions on Dielectrics and Electrical Insulation, 1997, 4, 614-628.	1.8	119
85	Thermally poled silica glass: Laser induced pressure pulse probe of charge distribution. Applied Physics Letters, 1996, 68, 269-271.	1.5	62
86	Space-charge electrets. IEEE Transactions on Dielectrics and Electrical Insulation, 1996, 3, 607-623.	1.8	112
87	Plasma deposition of lowâ€stress electret films for electroacoustic and solar cell applications. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1996, 14, 2775-2779.	0.9	28
88	Determination of the polarization distribution in electron-beam-poled PVDF using heat wave and pressure pulse techniques. IEEE Transactions on Dielectrics and Electrical Insulation, 1996, 3, 182-190.	1.8	22
89	Comparison of charge distributions in FEP measured with thermal wave and pressure pulse techniques. Journal Physics D: Applied Physics, 1996, 29, 3113-3116.	1.3	26
90	Selective poling of nonlinear optical polymer films by means of a monoenergetic electron beam. Applied Physics Letters, 1994, 64, 22-24.	1.5	62

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91	Space-charge dispersive transport in corona-charged dielectrics. Journal of Electrostatics, 1993, 31, 21-26.	1.0	1
92	Radiation-induced conductivity and charge storage in irradiated dielectrics. Journal Physics D: Applied Physics, 1993, 26, 1298-1300.	1.3	16
93	Neue Mikrofone: Ein aktuelles Gebiet der physikalischen Sensorik. Physik Journal, 1993, 49, 109-114.	0.1	1
94	The importance of the orientation of the polymer membrane hydrophone in the acoustic field. , 1992, , .		0
95	Reply to â€˜â€˜Comments on â€˜Unidirectional, secondâ€order gradient microphoneâ€™â€‰â€™ [J. Acoust. Soc. Am. 92, 583 x584 (1992)]. Journal of the Acoustical Society of America, 1992, 92, 584-584.	0.5	0
96	Charge distribution in Teflon FEP (fluoroethylenepropylene) negatively coronaâ€charged to high potentials. Journal of Applied Physics, 1992, 71, 2280-2284.	1.1	33
97	The influence of spatial polarization distribution on spot poled PVDF membrane hydrophone performance. Ultrasound in Medicine and Biology, 1992, 18, 625-635.	0.7	12
98	Radiation-induced conductivity in electron-beam irradiated insulating polymer films. IEEE Transactions on Electrical Insulation, 1992, 27, 843-848.	0.8	44
99	Silicon subminiature microphones with organic piezoelectric layers-fabrication and acoustical behavior. IEEE Transactions on Electrical Insulation, 1992, 27, 867-871.	0.8	25
100	An experimental study of charge distributions in electron-beam irradiated polypropylene films. IEEE Transactions on Electrical Insulation, 1991, 26, 228-235.	0.8	31
101	Unidirectional, secondâ€order gradient microphone. Journal of the Acoustical Society of America, 1989, 86, 2063-2066.	0.5	10
102	Charge storage in dielectrics. IEEE Transactions on Electrical Insulation, 1989, 24, 395-402.	0.8	26
103	Space-charge distributions in electron-beam charged Mylar and Kapton films. IEEE Transactions on Electrical Insulation, 1989, 24, 533-536.	0.8	25
104	Bending piezoelectricity in monomorph polymer films. Journal of Applied Physics, 1987, 62, 3643-3646.	1.1	25
105	LIPP investigation of piezoelectricity distributions in PVDF poled with various methods. Ferroelectrics, 1987, 76, 489-496.	0.3	27
106	Electronâ€beam poling of piezoelectric polymer electrets. Journal of Applied Physics, 1987, 62, 1429-1432.	1.1	64
107	Nondestructive High-Resolution Measurement of Charge, Polarization and Piezoelectricity Distributions in Thin Dielectric Films. , 1987, , 387-393.		3
108	Electrical conduction in polyimide films. Journal of Applied Physics, 1986, 60, 318-326.	1.1	141

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109	Charge and Polarization Profiles in Polymer Electrets. IEEE Transactions on Electrical Insulation, 1986, EI-21, 411-415.	0.8	30
110	Optoacoustic generation and electrical detection of subnanosecond acoustic pulses. Journal of Applied Physics, 1985, 58, 119-121.	1.1	32
111	Investigation of piezoelectricity distributions in poly(vinylidene fluoride) by means of quartzâ€•or laserâ€generated pressure pulses. Journal of Applied Physics, 1984, 55, 2769-2775.	1.1	87
112	Investigation of piezoelectricity distribution in PVDF by means of pressure-pulse techniques. Ferroelectrics, 1984, 60, 77-77.	0.3	0
113	Electric-field profiles in electron-beam-charged polymer electrets. Journal Physics D: Applied Physics, 1983, 16, 2247-2256.	1.3	41
114	Electron beam method for detecting charge distributions in thinPolyethyleneterephthalatefilms. Journal of Applied Physics, 1982, 53, 4320-4327.	1.1	42
115	High-Resolution Laser-Pulse Method for Measuring Charge Distributions in Dielectrics. Physical Review Letters, 1982, 48, 563-566.	2.9	207
116	Nondestructive Laser Method for Measuring Charge Profiles in Irradiated Polymer Films. IEEE Transactions on Nuclear Science, 1982, 29, 1644-1649.	1.2	91
117	Piezoelectricity in polyvinylidenefluoride. Journal of the Acoustical Society of America, 1981, 70, 1596-1608.	0.5	388
118	High-resolution probing of space-charge densities in Mylar electrets. , 1981, , .		1
119	Measurement of charge distribution in polymer electrets by a new pressure-pulse method. Polymer Bulletin, 1981, 6, 109.	1.7	46
120	Microphones with rigidly supported piezopolymer membranes. Journal of the Acoustical Society of America, 1980, 67, 1379-1381.	0.5	33
121	Physical principles of electrets. Topics in Applied Physics, 1980, , 13-80.	0.4	32
122	Recent progress in electret research. Topics in Applied Physics, 1980, , 383-431.	0.4	10
123	Physical Principles of Electrets. Topics in Applied Physics, 1980, , 13-80.	0.4	8
124	Population and temperature shift of TSC peaks of electronâ€beamâ€charged Teflon FEP. Journal of Applied Physics, 1979, 50, 3328-3330.	1.1	12
125	Hole transit in Teflon films. Applied Physics Letters, 1979, 34, 555-557.	1.5	52
126	Location of charge centroid in electronâ€beamâ€charged polymer films. Journal of Applied Physics, 1977, 48, 4303-4306.	1.1	69

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127	Determination of Spatial Distribution of Charges in Thin Dielectrics. Physical Review Letters, 1977, 38, 368-371.	2.9	82
128	Study of carrier mobilities by a thermally-stimulated-current technique. Journal of Electrostatics, 1977, 3, 181-185.	1.0	1
129	Increase of goldâ€“Teflon FEP joint strength by removal of deposited aluminum prior to gold deposition for electret applications. Journal of Applied Polymer Science, 1976, 20, 255-265.	1.3	34
130	Trapâ€•modulated mobility of electrons and holes in Teflon FEP. Journal of Applied Physics, 1976, 47, 3480-3484.	1.1	63
131	TSC studies of carrier trapping in electronâ€•and Î³â€•irradiated Teflon. Journal of Applied Physics, 1976, 47, 968-975.	1.1	61
132	Secondâ€•order gradient unidirectional microphones utilizing an electret transducer. Journal of the Acoustical Society of America, 1975, 58, 273-278.	0.5	26
133	Heat sealing of Teflon electrets by annealing. Journal of Applied Physics, 1975, 46, 4674-4677.	1.1	28
134	Dependence of reverberation time on stageâ€•enclosure configuration in the Philadelphia Academy of Music. Journal of the Acoustical Society of America, 1974, 55, 1022-1027.	0.5	3
135	Analysis of the operation of electret transducers subject to large electrode displacements. Journal of the Acoustical Society of America, 1974, 55, 345-349.	0.5	2
136	Radiation hardening and pressureâ€•actuated charge release of electronâ€•irradiated Teflon electrets. Applied Physics Letters, 1974, 24, 351-353.	1.5	23
137	Charge dynamics for electronâ€•irradiated polymerâ€•foil electrets. Journal of Applied Physics, 1974, 45, 2841-2851.	1.1	165
138	Electret Tablet for On-Line Encoding of Graphical Data. Journal of the Acoustical Society of America, 1974, 55, 444-444.	0.5	0
139	Noise Due to Brownian Motion of the Diaphragm, of Electret Microphones. Journal of the Acoustical Society of America, 1974, 55, 444-444.	0.5	0
140	Temperature shift of short-circuit thermally-stimulated-current peaks of Teflon electrets with time after electron injection. Physical Review B, 1974, 10, 4488-4491.	1.1	40
141	Improved Unidirectional Microphone. Journal of the Acoustical Society of America, 1974, 55, 444-444.	0.5	0
142	Increase of goldâ€“Teflon FEP joint strength by electron bombardment. Journal of Applied Polymer Science, 1973, 17, 3199-3209.	1.3	27
143	Charge diagnostics for electronâ€•irradiated polymer foils. Applied Physics Letters, 1973, 22, 315-316.	1.5	59
144	Electret transducers: a review. Journal of the Acoustical Society of America, 1973, 53, 1589-1600.	0.5	118

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145	Condenserâ€transducer array for acoustical holography. Applied Physics Letters, 1972, 21, 229-231.	1.5	7
146	Production of High Quasipermanent Charge Densities on Polymer Foils by Application of Breakdown Fields. Journal of Applied Physics, 1972, 43, 922-926.	1.1	81
147	Electric Fields and Forces due to Charged Dielectrics. Journal of Applied Physics, 1972, 43, 405-408.	1.1	60
148	Spatial Depth and Density of Charge in Electrets. Journal of Applied Physics, 1972, 43, 408-411.	1.1	52
149	Foil-Electret Transducer Arrays for Real-Time Acoustical Holography. , 1972, , 173-194.		8
150	Directional transducers. IEEE Transactions on Audio and Electroacoustics, 1971, 19, 19-23.	1.0	26
151	Method for Measurement of Surface Charge Densities on Electrets. Review of Scientific Instruments, 1971, 42, 15-19.	0.6	35
152	CHARGING OF POLYMER FOILS WITH MONOENERGETIC LOWâ€ENERGY ELECTRON BEAMS. Applied Physics Letters, 1970, 17, 507-509.	1.5	92
153	Toroidal Microphones. Journal of the Acoustical Society of America, 1969, 46, 28-36.	0.5	8
154	Studies of electret charges produced on polymer films by electron bombardment. Journal of Polymer Science Part B: Polymer Letters, 1969, 7, 367-370.	0.9	21
155	Firstâ€Order Gradient Microphone Based on the Foilâ€Electret Principle: Discrimination against Airâ€Borne and Solidâ€Borne Noises. Journal of the Acoustical Society of America, 1969, 46, 1081-1086.	0.5	17
156	Dispersion of ion-acoustic waves. Physics Letters, Section A: General, Atomic and Solid State Physics, 1968, 28, 367-368.	0.9	5
157	Foil Electrets and Their Use in Condenser Microphones. Journal of the Electrochemical Society, 1968, 115, 836.	1.3	44
158	Propagation of Ion Waves in Weakly Ionized Gases. Physical Review, 1967, 162, 108-116.	2.7	48
159	Excitation and Measurement of Acoustic Ion Waves. Journal of the Acoustical Society of America, 1967, 42, 360-366.	0.5	8
160	Foilâ€Electret Microphones. Journal of the Acoustical Society of America, 1966, 40, 1433-1440.	0.5	97
161	Acoustical Measurements in Philharmonic Hall (New York). Journal of the Acoustical Society of America, 1966, 40, 434-440.	0.5	22
162	Evaluation of Acoustic Properties of Enclosures by Means of Digital Computers. Journal of the Acoustical Society of America, 1966, 40, 428-433.	0.5	20

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163	Observation of Ion Plasma Waves at Frequencies Higher than the Ion Plasma Frequency. Physical Review Letters, 1966, 17, 243-245.	2.9	15
164	Freeâ€Molecule Propagation in Rarefied Gases. Journal of the Acoustical Society of America, 1965, 38, 974-977.	0.5	10
165	Propagation of Longitudinal Waves in a Weakly Ionized Gas. Physics of Fluids, 1964, 7, 90.	1.4	32
166	Sound Transmission over Theatre Seats. Journal of the Acoustical Society of America, 1964, 36, 1725-1732.	0.5	52
167	The electret microphone. IEEE Transactions on Broadcast and Television Receivers, 1964, BTR-10, 73-76.	0.1	4
168	Electrostatic Microphones with Electret Foil. Journal of the Acoustical Society of America, 1963, 35, 1354-1357.	0.5	69
169	Selfâ€Biased Condenser Microphone with High Capacitance. Journal of the Acoustical Society of America, 1962, 34, 1787-1788.	0.5	146
170	Condenser Earphones with Multiple Layers of Solid Dielectric. Journal of the Acoustical Society of America, 1962, 34, 1774-1779.	0.5	4
171	Schallausbreitung in Gasen bei hohen Frequenzen und sehr niedrigen Drucken. European Physical Journal A, 1957, 149, 15-39.	1.0	143