

# Gerhard M Sessler

## List of Publications by Year in descending order

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171  
papers

7,733  
citations

41258

49  
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66788

78  
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205  
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205  
docs citations

205  
times ranked

2458  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferroelectrets: Soft Electroactive Foams for Transducers. <i>Physics Today</i> , 2004, 57, 37-43.	0.3	475
2	Piezoelectricity in polyvinylidene fluoride. <i>Journal of the Acoustical Society of America</i> , 1981, 70, 1596-1608.	0.5	388
3	Electromechanical response of cellular electret films. <i>Applied Physics Letters</i> , 1999, 75, 3405-3407.	1.5	300
4	High-Resolution Laser-Pulse Method for Measuring Charge Distributions in Dielectrics. <i>Physical Review Letters</i> , 1982, 48, 563-566.	2.9	207
5	Piezoelectricity in cellular electret films. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2000, 7, 537-542.	1.8	185
6	Charge dynamics for electron-irradiated polymer-foil electrets. <i>Journal of Applied Physics</i> , 1974, 45, 2841-2851.	1.1	165
7	Large and broadband piezoelectricity in smart polymer-foam space-charge electrets. <i>Applied Physics Letters</i> , 2000, 77, 3827-3829.	1.5	162
8	Self-Biased Condenser Microphone with High Capacitance. <i>Journal of the Acoustical Society of America</i> , 1962, 34, 1787-1788.	0.5	146
9	Schallausbreitung in Gasen bei hohen Frequenzen und sehr niedrigen Drucken. <i>European Physical Journal A</i> , 1957, 149, 15-39.	1.0	143
10	Electrical conduction in polyimide films. <i>Journal of Applied Physics</i> , 1986, 60, 318-326.	1.1	141
11	Piezoelectric d33 coefficient of cellular polypropylene subjected to expansion by pressure treatment. <i>Applied Physics Letters</i> , 2004, 85, 1226-1228.	1.5	124
12	High-sensitivity piezoelectric microphones based on stacked cellular polymer films (L). <i>Journal of the Acoustical Society of America</i> , 2004, 116, 3267-3270.	0.5	122
13	Improvement of piezoelectric activity of cellular polymers using a double-expansion process. <i>Journal Physics D: Applied Physics</i> , 2004, 37, 2146-2150.	1.3	121
14	Charge distribution and transport in polymers. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 1997, 4, 614-628.	1.8	119
15	Electret transducers: a review. <i>Journal of the Acoustical Society of America</i> , 1973, 53, 1589-1600.	0.5	118
16	Space-charge electrets. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 1996, 3, 607-623.	1.8	112
17	Ferroelectrets with improved thermal stability made from fused fluorocarbon layers. <i>Journal of Applied Physics</i> , 2007, 101, 054114.	1.1	110
18	Electrets: recent developments. <i>Journal of Electrostatics</i> , 2001, 51-52, 137-145.	1.0	99

#	ARTICLE	IF	CITATIONS
19	Foilâ€Electret Microphones. Journal of the Acoustical Society of America, 1966, 40, 1433-1440.	0.5	97
20	Thermally stable fluorocarbon ferroelectrets with high piezoelectric coefficient. Applied Physics A: Materials Science and Processing, 2006, 84, 139-142.	1.1	97
21	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
22	CHARGING OF POLYMER FOILS WITH MONOENERGETIC LOWâ€ENERGY ELECTRON BEAMS. Applied Physics Letters, 1970, 17, 507-509.	1.5	92
23	Nondestructive Laser Method for Measuring Charge Profiles in Irradiated Polymer Films. IEEE Transactions on Nuclear Science, 1982, 29, 1644-1649.	1.2	91
24	Models of charge transport in electron-beam irradiated insulators. IEEE Transactions on Dielectrics and Electrical Insulation, 2004, 11, 192-202.	1.8	91
25	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
26	Additives to improve the electret properties of isotactic polypropylene. Polymer, 2007, 48, 1612-1619.	1.8	85
27	Determination of Spatial Distribution of Charges in Thin Dielectrics. Physical Review Letters, 1977, 38, 368-371.	2.9	82
28	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
29	Vibration-based energy harvesting with stacked piezoelectrets. Applied Physics Letters, 2014, 104, .	1.5	80
30	Charge storage behavior of isotropic and biaxially-oriented polypropylene films containing $\hat{1}\pm$ - and $\hat{1}^2$ -nucleating agents. Journal of Applied Polymer Science, 2006, 99, 650-658.	1.3	77
31	Fluoroethylenepropylene ferroelectret films with cross-tunnel structure for piezoelectric transducers and micro energy harvesters. Journal of Applied Physics, 2014, 116, .	1.1	76
32	Ferroelectret nanogenerator with large transverse piezoelectric activity. Nano Energy, 2018, 50, 52-61.	8.2	75
33	Electrostatic Microphones with Electret Foil. Journal of the Acoustical Society of America, 1963, 35, 1354-1357.	0.5	69
34	Location of charge centroid in electronâ€beamâ€charged polymer films. Journal of Applied Physics, 1977, 48, 4303-4306.	1.1	69
35	Verification of a model for the piezoelectric $d_{33}$ coefficient of cellular electret films. Journal of Applied Physics, 2005, 98, 064105.	1.1	68
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

#	ARTICLE	IF	CITATIONS
37	Electron-beam poling of piezoelectric polymer electrets. Journal of Applied Physics, 1987, 62, 1429-1432.	1.1	64
38	Trap-modulated mobility of electrons and holes in Teflon FEP. Journal of Applied Physics, 1976, 47, 3480-3484.	1.1	63
39	Selective poling of nonlinear optical polymer films by means of a monoenergetic electron beam. Applied Physics Letters, 1994, 64, 22-24.	1.5	62
40	Thermally poled silica glass: Laser induced pressure pulse probe of charge distribution. Applied Physics Letters, 1996, 68, 269-271.	1.5	62
41	TSC studies of carrier trapping in electron- and $\beta$ -irradiated Teflon. Journal of Applied Physics, 1976, 47, 968-975.	1.1	61
42	Electric Fields and Forces due to Charged Dielectrics. Journal of Applied Physics, 1972, 43, 405-408.	1.1	60
43	Charge diagnostics for electron-irradiated polymer foils. Applied Physics Letters, 1973, 22, 315-316.	1.5	59
44	Nucleation of isotactic polypropylene by triphenylamine-based trisamide derivatives and their influence on charge-storage properties. Polymer, 2004, 45, 6655-6663.	1.8	53
45	DC-biased ferroelectrets with large piezoelectric $d_{33}$ -coefficients. Journal of Applied Physics, 2008, 103, .	1.1	53
46	Electret transducer for vibration-based energy harvesting. Applied Physics Letters, 2015, 106, .	1.5	53
47	Sound Transmission over Theatre Seats. Journal of the Acoustical Society of America, 1964, 36, 1725-1732.	0.5	52
48	Spatial Depth and Density of Charge in Electrets. Journal of Applied Physics, 1972, 43, 408-411.	1.1	52
49	Hole transit in Teflon films. Applied Physics Letters, 1979, 34, 555-557.	1.5	52
50	Electret properties of biaxially stretched polypropylene films containing various additives. Journal Physics D: Applied Physics, 2006, 39, 535-540.	1.3	50
51	Energy harvesting from vibration with cross-linked polypropylene piezoelectrets. AIP Advances, 2015, 5, .	0.6	50
52	Vibration-based energy harvesting with piezoelectrets having high $d_{31}$ activity. Applied Physics Letters, 2016, 108, .	1.5	49
53	Propagation of Ion Waves in Weakly Ionized Gases. Physical Review, 1967, 162, 108-116.	2.7	48
54	Measurement of charge distribution in polymer electrets by a new pressure-pulse method. Polymer Bulletin, 1981, 6, 109.	1.7	46

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55	Foil Electrets and Their Use in Condenser Microphones. <i>Journal of the Electrochemical Society</i> , 1968, 115, 836.	1.3	44
56	Radiation-induced conductivity in electron-beam irradiated insulating polymer films. <i>IEEE Transactions on Electrical Insulation</i> , 1992, 27, 843-848.	0.8	44
57	Improvement of piezoelectric coefficient of cellular polypropylene films by repeated expansions. <i>Journal of Electrostatics</i> , 2007, 65, 94-100.	1.0	44
58	Electron beam method for detecting charge distributions in thin Polyethyleneterephthalate films. <i>Journal of Applied Physics</i> , 1982, 53, 4320-4327.	1.1	42
59	Electric-field profiles in electron-beam-charged polymer electrets. <i>Journal Physics D: Applied Physics</i> , 1983, 16, 2247-2256.	1.3	41
60	Penetration of sulfur hexafluoride into cellular polypropylene films and its effect on the electric charging and electromechanical response of ferroelectrets. <i>Journal Physics D: Applied Physics</i> , 2005, 38, 649-654.	1.3	41
61	Temperature shift of short-circuit thermally-stimulated-current peaks of Teflon electrets with time after electron injection. <i>Physical Review B</i> , 1974, 10, 4488-4491.	1.1	40
62	High-sensitivity piezoelectret-film accelerometers. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2010, 17, 1021-1027.	1.8	37
63	Quasi-static and dynamic piezoelectric responses of layered polytetrafluoroethylene ferroelectrets. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 015501.	1.3	37
64	Low-Cost, Large-Area, Stretchable Piezoelectric Films Based on Irradiation-Crosslinked Poly(propylene). <i>Macromolecular Materials and Engineering</i> , 2014, 299, 290-295.	1.7	36
65	Method for Measurement of Surface Charge Densities on Electrets. <i>Review of Scientific Instruments</i> , 1971, 42, 15-19.	0.6	35
66	Increase of gold-Teflon FEP joint strength by removal of deposited aluminum prior to gold deposition for electret applications. <i>Journal of Applied Polymer Science</i> , 1976, 20, 255-265.	1.3	34
67	Microphones with rigidly supported piezopolymer membranes. <i>Journal of the Acoustical Society of America</i> , 1980, 67, 1379-1381.	0.5	33
68	Charge distribution in Teflon FEP (fluoroethylenepropylene) negatively corona-charged to high potentials. <i>Journal of Applied Physics</i> , 1992, 71, 2280-2284.	1.1	33
69	Propagation of Longitudinal Waves in a Weakly Ionized Gas. <i>Physics of Fluids</i> , 1964, 7, 90.	1.4	32
70	Physical principles of electrets. <i>Topics in Applied Physics</i> , 1980, , 13-80.	0.4	32
71	Optoacoustic generation and electrical detection of subnanosecond acoustic pulses. <i>Journal of Applied Physics</i> , 1985, 58, 119-121.	1.1	32
72	Biodegradable cellular polylactic acid ferroelectrets with strong longitudinal and transverse piezoelectricity. <i>Applied Physics Letters</i> , 2020, 117, .	1.5	32

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73	An experimental study of charge distributions in electron-beam irradiated polypropylene films. IEEE Transactions on Electrical Insulation, 1991, 26, 228-235.	0.8	31
74	Energy harvesting with single-layer and stacked piezoelectret films. IEEE Transactions on Dielectrics and Electrical Insulation, 2015, 22, 1470-1476.	1.8	31
75	Charge and Polarization Profiles in Polymer Electrets. IEEE Transactions on Electrical Insulation, 1986, EI-21, 411-415.	0.8	30
76	Charge dynamics in silicon nitride/silicon oxide double layers. Applied Physics Letters, 2001, 78, 2757-2759.	1.5	29
77	Heat sealing of Teflon electrets by annealing. Journal of Applied Physics, 1975, 46, 4674-4677.	1.1	28
78	Plasma deposition of low-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
79	Compact electret energy harvester with high power output. Applied Physics Letters, 2016, 109, .	1.5	28
80	Increase of gold-Teflon FEP joint strength by electron bombardment. Journal of Applied Polymer Science, 1973, 17, 3199-3209.	1.3	27
81	LIPP investigation of piezoelectricity distributions in PVDF poled with various methods. Ferroelectrics, 1987, 76, 489-496.	0.3	27
82	Figure of merit of piezoelectret transducers for pulse-echo or transmit-receive systems for airborne ultrasound. Applied Physics Letters, 2013, 103, .	1.5	27
83	Directional transducers. IEEE Transactions on Audio and Electroacoustics, 1971, 19, 19-23.	1.0	26
84	Second-order gradient unidirectional microphones utilizing an electret transducer. Journal of the Acoustical Society of America, 1975, 58, 273-278.	0.5	26
85	Charge storage in dielectrics. IEEE Transactions on Electrical Insulation, 1989, 24, 395-402.	0.8	26
86	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
87	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
88	Stacked and folded piezoelectrets for vibration-based energy harvesting. Phase Transitions, 2016, 89, 667-677.	0.6	26
89	Charge dynamics in electron-irradiated polymers. Brazilian Journal of Physics, 1999, 29, .	0.7	26
90	Bending piezoelectricity in monomorph polymer films. Journal of Applied Physics, 1987, 62, 3643-3646.	1.1	25

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91	Space-charge distributions in electron-beam charged Mylar and Kapton films. IEEE Transactions on Electrical Insulation, 1989, 24, 533-536.	0.8	25
92	Silicon subminiature microphones with organic piezoelectric layers-fabrication and acoustical behavior. IEEE Transactions on Electrical Insulation, 1992, 27, 867-871.	0.8	25
93	High performance fluorinated polyethylene propylene ferroelectrets with an air-filled parallel-tunnel structure. Smart Materials and Structures, 2021, 30, 015002.	1.8	25
94	Charge dynamics and morphology of Ultem 1000 and Ultem 5000 PEI grade films. Polymer International, 1998, 46, 59-64.	1.6	24
95	Radiation hardening and pressure-actuated charge release of electron-irradiated Teflon electrets. Applied Physics Letters, 1974, 24, 351-353.	1.5	23
96	The effect of additives on charge decay in electron-beam charged polypropylene films. Journal Physics D: Applied Physics, 2009, 42, 065410.	1.3	23
97	Cantilever-based ferroelectret energy harvesting. Applied Physics Letters, 2020, 116, 243901.	1.5	23
98	Microenergy Harvesters Based on Fluorinated Ethylene Propylene Piezotubes. Advanced Engineering Materials, 2020, 22, 1901399.	1.6	23
99	Acoustical Measurements in Philharmonic Hall (New York). Journal of the Acoustical Society of America, 1966, 40, 434-440.	0.5	22
100	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
101	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
102	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
103	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
104	Morphology and electret behaviour of microcellular high glass temperature films. Applied Physics A: Materials Science and Processing, 2006, 85, 87-93.	1.1	20
105	Acoustic energy harvesting with irradiated cross-linked polypropylene piezoelectret films. Physica Scripta, 2019, 94, 095002.	1.2	19
106	First-Order Gradient Microphone Based on the Foil-Electret Principle: Discrimination against Air-Borne and Solid-Borne Noises. Journal of the Acoustical Society of America, 1969, 46, 1081-1086.	0.5	17
107	Mechanical energy harvesting with ferroelectrets. IEEE Electrical Insulation Magazine, 2020, 36, 47-58.	1.1	17
108	Radiation-induced conductivity and charge storage in irradiated dielectrics. Journal Physics D: Applied Physics, 1993, 26, 1298-1300.	1.3	16

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109	The influence of electron-beam irradiation on the volume resistivity of polyethylene and kapton. Journal of Electrostatics, 2005, 63, 749-754.	1.0	16
110	Energy harvesters based on fluorinated ethylene propylene unipolar ferroelectrets with negative charges. AIP Advances, 2019, 9, .	0.6	16
111	Observation of Ion Plasma Waves at Frequencies Higher than the Ion Plasma Frequency. Physical Review Letters, 1966, 17, 243-245.	2.9	15
112	Electret-thermal analysis of blood. Medical Engineering and Physics, 2002, 24, 361-364.	0.8	14
113	Influence of electron-beam irradiation on electric parameters of dielectric materials. Journal of Electrostatics, 2001, 51-52, 146-152.	1.0	13
114	Population and temperature shift of TSC peaks of electron-beam-charged Teflon FEP. Journal of Applied Physics, 1979, 50, 3328-3330.	1.1	12
115	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
116	Electret accelerometers: Physics and dynamic characterization. Journal of the Acoustical Society of America, 2011, 129, 3682-3689.	0.5	12
117	DC-Biased Piezoelectret Film Transducers for Airborne Ultrasound. Ferroelectrics, 2014, 472, 77-89.	0.3	12
118	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
119	Free-Molecule Propagation in Rarefied Gases. Journal of the Acoustical Society of America, 1965, 38, 974-977.	0.5	10
120	Recent progress in electret research. Topics in Applied Physics, 1980, , 383-431.	0.4	10
121	Unidirectional, second-order gradient microphone. Journal of the Acoustical Society of America, 1989, 86, 2063-2066.	0.5	10
122	Bernhard Gross and the evolution of modern electret research. Brazilian Journal of Physics, 1999, 29, 220.	0.7	10
123	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
124	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
125	Highly Efficient Piezoelectrets through Ultra-Soft Elastomeric Spacers. Polymers, 2021, 13, 3751.	2.0	10
126	Stacked piezoelectret microphones of simple design and high sensitivity. IEEE Transactions on Dielectrics and Electrical Insulation, 2006, 13, 973-978.	1.8	9



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127	Excitation and Measurement of Acoustic Ion Waves. Journal of the Acoustical Society of America, 1967, 42, 360-366.	0.5	8
128	Toroidal Microphones. Journal of the Acoustical Society of America, 1969, 46, 28-36.	0.5	8
129	Charge decay on polymers subjected to ageing by partial discharges. Polymer International, 1998, 46, 47-53.	1.6	8
130	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
131	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
132	Physical Principles of Electrets. Topics in Applied Physics, 1980, , 13-80.	0.4	8
133	Foil-Electret Transducer Arrays for Real-Time Acoustical Holography. , 1972, , 173-194.		8
134	Condensera€transducer array for acoustical holography. Applied Physics Letters, 1972, 21, 229-231.	1.5	7
135	Electret microphones with stiff diaphragms. Journal of the Acoustical Society of America, 2013, 134, EL499-EL505.	0.5	7
136	High Sensitivity Electret Accelerometer With Integrated FET. IEEE Sensors Journal, 2014, 14, 1770-1777.	2.4	7
137	Tuneable resonance frequency vibrational energy harvester with electreta€embedded variable capacitor. IET Nanodielectrics, 2021, 4, 53-62.	2.0	7
138	Dispersion of ion-acoustic waves. Physics Letters, Section A: General, Atomic and Solid State Physics, 1968, 28, 367-368.	0.9	5
139	Energy scavenging from vibration with two-layer laminated fluoroethylenepropylene piezoelectret films. , 2015, , .		5
140	Condenser Earphones with Multiple Layers of Solid Dielectric. Journal of the Acoustical Society of America, 1962, 34, 1774-1779.	0.5	4
141	The electret microphone. IEEE Transactions on Broadcast and Television Receivers, 1964, BTR-10, 73-76.	0.1	4
142	Novel Polymer Electrets. Materials Research Society Symposia Proceedings, 1999, 600, 143.	0.1	4
143	Broadband ferroelectret transducers. , 2009, , .		4
144	Dependence of reverberation time on stagea€enclosure configuration in the Philadelphia Academy of Music. Journal of the Acoustical Society of America, 1974, 55, 1022-1027.	0.5	3

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145	Piezoelectric performance of polytetrafluoroethylene ferroelectrets. , 2013, , .		3
146	Modeling of piezoelectric coupling coefficients of soft ferroelectrets for energy harvesting. , 2019, , .		3
147	Nondestructive High-Resolution Measurement of Charge, Polarization and Piezoelectricity Distributions in Thin Dielectric Films. , 1987, , 387-393.		3
148	Biodegradable 3D-printed ferroelectret ultrasonic transducer with large output pressure. , 2021, , .		3
149	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
150	Charging and charge-detection methods and their use in the characterization of polymer-electret materials. , 1998, , 81-87.		2
151	Neuartige Polymer- und Siliziumsensoren in der Akustik (Novel Polymer and Silicon Sensors in) Tj ETQq1 1 0.784314 rgBT /Overlock 107	0.3	2
152	Biodegradable additive manufactured ferroelectret as mechanical sensor. , 2021, , .		2
153	Study of carrier mobilities by a thermally-stimulated-current technique. Journal of Electrostatics, 1977, 3, 181-185.	1.0	1
154	High-resolution probing of space-charge densities in Mylar electrets. , 1981, , .		1
155	Space-charge dispersive transport in corona-charged dielectrics. Journal of Electrostatics, 1993, 31, 21-26.	1.0	1
156	Neue Mikrofone: Ein aktuelles Gebiet der physikalischen Sensorik. Physik Journal, 1993, 49, 109-114.	0.1	1
157	Piezoelectret-microphones with coiled film stacks. , 2008, , .		1
158	Transducer Research at Bell Laboratories Under Manfred Schroeder. , 2015, , 213-228.		1
159	Electret Tablet for On-Line Encoding of Graphical Data. Journal of the Acoustical Society of America, 1974, 55, 444-444.	0.5	0
160	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
161	Investigation of piezoelectricity distribution in PVDF by means of pressure-pulse techniques. Ferroelectrics, 1984, 60, 77-77.	0.3	0
162	The importance of the orientation of the polymer membrane hydrophone in the acoustic field. , 1992, , .		0

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163	Reply to "Comments on 'Unidirectional, second-order gradient microphone'" [J. Acoust. Soc. Am. 92, 583-584 (1992)]. Journal of the Acoustical Society of America, 1992, 92, 584-584.	0.5	0
164	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
165	Charge decay of electron-beam irradiated polypropylene films containing additives. , 2008, , .		0
166	Increased piezoelectric $d_{33}$ -coefficients of ferroelectrets with high external DC-voltages. , 2008, , .		0
167	History of the formation of the Deutsche Gesellschaft für Akustik (DEGA) Die Entstehungsgeschichte der Deutschen Gesellschaft für Akustik (DEGA). Acta Acustica United With Acustica, 2010, 96, 967-972.	0.8	0
168	Close-talking piezoelectret microphone-arrays. , 2011, , .		0
169	Voltage sensitivity of electret- and piezoelectret-accelerometers. , 2011, , .		0
170	Vibration energy harvesting with piezoelectrets and electrets. Journal of Physics: Conference Series, 2018, 1052, 012140.	0.3	0
171	Improved Unidirectional Microphone. Journal of the Acoustical Society of America, 1974, 55, 444-444.	0.5	0