Arnold Tubis

List of Publications by Year
in descending order

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46	1,970	279798	243625
papers	citations	23 h-index	44 g-index

59	59	59	424
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modeling otoacoustic emission and hearing threshold fine structures. Journal of the Acoustical Society of America, 1998, 104, 1517-1543.	1.1	263
2	Experimental confirmation of the two-source interference model for the fine structure of distortion product otoacoustic emissions. Journal of the Acoustical Society of America, 1999, 105, 275-292.	1.1	210
3	Modification of spontaneous and evoked otoacoustic emissions and associated psychoacoustic microstructure by aspirin consumption. Journal of the Acoustical Society of America, 1988, 84, 1343-1353.	1.1	147
4	Incidence of spontaneous otoacoustic emissions in children and infants. Journal of the Acoustical Society of America, 1985, 78, 931-935.	1.1	104
5	Modeling the combined effects of basilar membrane nonlinearity and roughness on stimulus frequency otoacoustic emission fine structure. Journal of the Acoustical Society of America, 2000, 108, 2911-2932.	1.1	94
6	Coherent reflection in a two-dimensional cochlea: Short-wave versus long-wave scattering in the generation of reflection-source otoacoustic emissions. Journal of the Acoustical Society of America, 2005, 118, 287-313.	1.1	83
7	Investigations into the nature of the association between threshold microstructure and otoacoustic emissions. Hearing Research, 1988, 36, 125-138.	2.0	82
8	Interactions among spontaneous otoacoustic emissions. I. Distortion products and linked emissions. Hearing Research, 1984, 16, 271-278.	2.0	76
9	Multiple internal reflections in the cochlea and their effect on DPOAE fine structure. Journal of the Acoustical Society of America, 2002, 112, 2882-2897.	1.1	74
10	Phase Representation of Analytic Functions. Physical Review, 1963, 130, 2127-2131.	2.7	71
11	Initial development of noncircular jets leading to axis switching. AIAA Journal, 1989, 27, 411-419.	2.6	70
12	Modeling synchronization and suppression of spontaneous otoacoustic emissions using Van der Pol oscillators: Effects of aspirin administration. Journal of the Acoustical Society of America, 1991, 89, 1201-1212.	1.1	67
13	Interrelations among distortion-product phase-gradient delays: Their connection to scaling symmetry and its breaking. Journal of the Acoustical Society of America, 2000, 108, 2933-2948.	1.1	57
14	Testing coherent reflection in chinchilla: Auditory-nerve responses predict stimulus-frequency emissions. Journal of the Acoustical Society of America, 2008, 124, 381-395.	1.1	55
15	The effect of stimulus-frequency ratio on distortion product otoacoustic emission components. Journal of the Acoustical Society of America, 2005, 117, 3766-3776.	1.1	50
16	Wiener kernel analysis of inner ear function in the American bullfrog. Journal of the Acoustical Society of America, 1994, 95, 904-919.	1.1	43
17	Effects of air loading on timpani membrane vibrations. Journal of the Acoustical Society of America, 1984, 76, 1336-1345.	1.1	42
18	Are spontaneous otoacoustic emissions generated by self-sustained cochlear oscillators?. Journal of the Acoustical Society of America, 1991, 89, 2391-2399.	1.1	42

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19	Allenâ€“Fahey and related experiments support the predominance of cochlear slow-wave otoacoustic emissions. Journal of the Acoustical Society of America, 2007, 121, 1564-1575.	1.1	35
20	Wave structures in jets of arbitrary shape. III. Triangular jets. Physics of Fluids, 1988, 31, 1410.	1.4	34
21	Wave structures in jets of arbitrary shape. I. Linear inviscid spatial instability analysis. Physics of Fluids, 1986, 29, 3982.	1.4	27
22	On the relationships between the fixed-f1, fixed-f2, and fixed-ratio phase derivatives of the 2f1â€“f2 distortion product otoacoustic emission. Journal of the Acoustical Society of America, 2000, 108, 1772-1785.	1.1	25
23	Do Forward- and Backward-Traveling Waves Occur Within the Cochlea? Countering the Critique of Nobili et al.. JARO - Journal of the Association for Research in Otolaryngology, 2004, 5, 349-359.	1.8	24
24	Wave structures in jets of arbitrary shape. II. Application of a generalized shooting method to linear instability analysis. Physics of Fluids, 1987, 30, 1715.	1.4	20
25	Correlation between amplitude and frequency fluctuations of spontaneous otoacoustic emissions. Journal of the Acoustical Society of America, 1994, 96, 163-169.	1.1	20
26	Modeling the temporal behavior of distortion product otoacoustic emissions. Journal of the Acoustical Society of America, 2000, 107, 2112-2127.	1.1	17
27	Nucleon as a Composite Particle State. Physical Review, 1966, 142, 1072-1081.	2.7	15
28	Implications of causality, timeâ€translation invariance, linearity, and minimumâ€phase behavior for basilarâ€membrane response functions. Journal of the Acoustical Society of America, 1982, 71, 1194-1200.	1.1	14
29	Interactions Among Multiple Spontaneous Otoacoustic Emissions. Lecture Notes in Biomathematics, 1986, , 266-273.	0.3	12
30	FOUR COUNTER-ARGUMENTS FOR SLOW-WAVE OAEs. , 2006, , .		11
31	Vortex deformation in ellipticâ€core jets from the perspective of linear instability analysis. Physics of Fluids, 1988, 31, 2504-2517.	1.4	10
32	Ear canal reflectance in the presence of spontaneous otoacoustic emissions. I. Limit-cycle oscillator model. Journal of the Acoustical Society of America, 1998, 103, 454-461.	1.1	10
33	High-Energy Limit of Pion-Nucleon Total Cross Section. Physical Review, 1965, 138, B242-B245.	2.7	8
34	Effects of perilymph viscosity on lowâ€frequency intracochlear pressures and the cochlear input impedance of the cat. Journal of the Acoustical Society of America, 1983, 74, 486-492.	1.1	8
35	Effect of a Castillejo-Dalitz-Dyson Pole in theÏ€NI=12,J=12+Amplitude. Physical Review, 1967, 154, 1322-1325.	2.7	7
36	Crossing Relations and Legendre Expansions in Pion-Pion Scattering. Physical Review, 1964, 136, B723-B732.	2.7	5

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37	Invariance Principles in Classical and Quantum Mechanics. American Journal of Physics, 1967, 35, 254-270.	0.7	5
38	Application of Modified Dispersion Relations to the ForwardKNCrossing-Even Scattering Amplitude. Physical Review, 1968, 174, 1871-1874.	2.7	5
39	Regge Parameters in Crossing-EvenKNScattering. Physical Review, 1968, 174, 1875-1876.	2.7	5
40	Frequencyâ€domain investigations of cochlear stability in the presence of active elements. Journal of the Acoustical Society of America, 1983, 73, 1244-1248.	1.1	4
41	New Superconvergent Dispersion Relations for the ForwardÏ€NCrossing-Even Amplitude. Physical Review, 1968, 168, 1924-1925.	2.7	3
42	TEMPORAL ASPECTS OF OTOACOUSTIC EMISSIONS. , 2000, , .		2
43	Self-Consistent Determination of the Position and Width of the 33Ï€NResonance. Physical Review, 1966, 142, 1082-1084.	2.7	1
44	New Class of Dispersion Sum Rules for Forward Scattering. Physical Review Letters, 1968, 21, 495-498.	7.8	0
45	Modified Phase Representation and Effects of Inelasticity inNDCalculation ofp-Wave Pion-Pion Scattering. Physical Review, 1968, 174, 2074-2081.	2.7	0
46	Shockâ€cell and instabilityâ€wave eigenmodes for supersonic round jets with finite momentum thickness. Physics of Fluids A, Fluid Dynamics, 1989, 1, 353-357.	1.6	0