

Arnold Tubis

List of Publications by Year in descending order

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46
papers

1,970
citations

279487

23
h-index

243296

44
g-index

59
all docs

59
docs citations

59
times ranked

424
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.	0.5	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.	0.5	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.	0.5	147
4	Incidence of spontaneous otoacoustic emissions in children and infants. Journal of the Acoustical Society of America, 1985, 78, 931-935.	0.5	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.	0.5	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.	0.5	83
7	Investigations into the nature of the association between threshold microstructure and otoacoustic emissions. Hearing Research, 1988, 36, 125-138.	0.9	82
8	Interactions among spontaneous otoacoustic emissions. I. Distortion products and linked emissions. Hearing Research, 1984, 16, 271-278.	0.9	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.	0.5	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.	1.5	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.	0.5	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.	0.5	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.	0.5	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.	0.5	50
16	Wiener kernel analysis of inner ear function in the American bullfrog. Journal of the Acoustical Society of America, 1994, 95, 904-919.	0.5	43
17	Effects of air loading on timpani membrane vibrations. Journal of the Acoustical Society of America, 1984, 76, 1336-1345.	0.5	42
18	Are spontaneous otoacoustic emissions generated by self-sustained cochlear oscillators?. Journal of the Acoustical Society of America, 1991, 89, 2391-2399.	0.5	42

#	ARTICLE	IF	CITATIONS
19	Allen's Fahey and related experiments support the predominance of cochlear slow-wave otoacoustic emissions. Journal of the Acoustical Society of America, 2007, 121, 1564-1575.	0.5	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 2f1-f2 distortion product otoacoustic emission. Journal of the Acoustical Society of America, 2000, 108, 1772-1785.	0.5	25
23	Do Forward- and Backward-Travelling 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.	0.9	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.	0.5	20
26	Modeling the temporal behavior of distortion product otoacoustic emissions. Journal of the Acoustical Society of America, 2000, 107, 2112-2127.	0.5	17
27	Nucleon as a Composite Particle State. Physical Review, 1966, 142, 1072-1081.	2.7	15
28	Implications of causality, time-translation invariance, linearity, and minimum-phase behavior for basilar membrane response functions. Journal of the Acoustical Society of America, 1982, 71, 1194-1200.	0.5	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 elliptic 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.	0.5	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 low-frequency intracochlear pressures and the cochlear input impedance of the cat. Journal of the Acoustical Society of America, 1983, 74, 486-492.	0.5	8
35	Effect of a Castillejo-Dalitz-Dyson Pole in the $\pi N \rightarrow \pi N$ 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

#	ARTICLE	IF	CITATIONS
37	Invariance Principles in Classical and Quantum Mechanics. American Journal of Physics, 1967, 35, 254-270.	0.3	5
38	Application of Modified Dispersion Relations to the Forward Crossing-Even Scattering Amplitude. Physical Review, 1968, 174, 1871-1874.	2.7	5
39	Regge Parameters in Crossing-Even Scattering. Physical Review, 1968, 174, 1875-1876.	2.7	5
40	Frequency-domain investigations of cochlear stability in the presence of active elements. Journal of the Acoustical Society of America, 1983, 73, 1244-1248.	0.5	4
41	New Superconvergent Dispersion Relations for the Forward Crossing-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 π -Resonance. 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.	2.9	0
45	Modified Phase Representation and Effects of Inelasticity in Calculation of p-Wave Pion-Pion Scattering. Physical Review, 1968, 174, 2074-2081.	2.7	0
46	Shock-cell and instability-wave eigenmodes for supersonic round jets with finite momentum thickness. Physics of Fluids A, Fluid Dynamics, 1989, 1, 353-357.	1.6	0