Roger T Dean

List of Publications by Year
in descending order

235 papers	10,610 citations	28190 55 h-index	35952 97 g-index
241 all docs	241 docs citations	241 times ranked	8089 citing authors

#	Article	IF	Citations
1	Biochemistry and pathology of radical-mediated protein oxidation. Biochemical Journal, 1997, 324, 1-18.	1.7	1,519
2	Free radicals, lipids and protein degradation. Trends in Biochemical Sciences, 1986, 11, 27-31.	3.7	485
3	Stable markers of oxidant damage to proteins and their application in the study of human disease. Free Radical Biology and Medicine, 1999, 27, 1151-1163.	1.3	410
4	Human Atherosclerotic Plaque Contains Both Oxidized Lipids and Relatively Large Amounts of Î±-Tocopherol and Ascorbate. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 15, 1616-1624.	1.1	339
5	Evidence for roles of radicals in protein oxidation in advanced human atherosclerotic plaque. Biochemical Journal, 1998, 333, 519-525.	1.7	230
6	Direct evidence of importance of lysosomes in degradation of intracellular proteins. Nature, 1975, 257, 414-416.	13.7	224
7	Reactive species and their accumulation on radical-damaged proteins. Trends in Biochemical Sciences, 1993, 18, 437-441.	3.7	222
8	Protein-bound 3,4-dihydroxyphenylalanine is a major reductant formed during hydroxyl radical damage to proteins. Biochemistry, 1993, 32, 4780-4786.	1.2	188
9	Inactivation of cellular enzymes by carbonyls and protein-bound glycation/glycoxidation products. Archives of Biochemistry and Biophysics, 2002, 403, 259-269.	1.4	187
10	Scavenging by alginate of free radicals released by macrophages. Free Radical Biology and Medicine, 1989, 6, 347-353.	1.3	170
11	Free radical damage to proteins: The influence of the relative localization of radical generation, antioxidants, and target proteins. Free Radical Biology and Medicine, 1991, 11, 161-168.	1.3	168
12	The Hydroxyl Radical in Lens Nuclear Cataractogenesis. Journal of Biological Chemistry, 1998, 273, 28603-28609.	1.6	155
13	The participation of nitric oxide in cell free- and its restriction of macrophage-mediated oxidation of low-density lipoprotein. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1992, 1180, 73-82.	1.8	152
14	Dangers and uses of cross-correlation in analyzing time series in perception, performance, movement, and neuroscience: The importance of constructing transfer function autoregressive models. Behavior Research Methods, 2016, 48, 783-802.	2.3	141
15	Comparative antioxidant activity of tocotrienols and other natural lipid-soluble antioxidants in a homogeneous system, and in rat and human lipoproteins. Lipids and Lipid Metabolism, 1993, 1166, 163-170.	2.6	136
16	Synchronization Can Influence Trust Following Virtual Interaction. Experimental Psychology, 2013, 60, 53-63.	0.3	134
17	Possible Atherogenic Effects of Hypoxia During Obstructive Sleep Apnea. Sleep, 1993, 16, S15-S22.	0.6	129
18	Disease Stage-Dependent Accumulation of Lipid and Protein Oxidation Products in Human Atherosclerosis. American Journal of Pathology, 2002, 160, 701-710.	1.9	128

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19	Sterol Efflux Is Impaired from Macrophage Foam Cells Selectively Enriched with 7-Ketocholesterol. Journal of Biological Chemistry, 1996, 271, 17852-17860.	1.6	118
20	Apolipoprotein J (clusterin) induces cholesterol export from macrophage-foam cells: a potential anti-atherogenic function?. Biochemical Journal, 1998, 331, 231-237.	1.7	115
21	The intracellular storage and turnover of apolipoprotein B of oxidized LDL in macrophages. Lipids and Lipid Metabolism, 1992, 1126, 167-177.	2.6	113
22	Protein oxidation and ageing. Experimental Gerontology, 2001, 36, 1503-1518.	1.2	108
23	Structural characterization of the products of hydroxyl-radical damage to leucine and their detection on proteins. Biochemical Journal, 1997, 324, 41-48.	1.7	106
24	Coexistence of Oxidized Lipids and Î±-Tocopherol in All Lipoprotein Density Fractions Isolated From Advanced Human Atherosclerotic Plaques. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 1708-1718.	1.1	106
25	Apolipoprotein Aâ€1 interaction with plasma membrane lipid rafts controls cholesterol export from macrophages. FASEB Journal, 2004, 18, 574-576.	0.2	95
26	Apolipoprotein A-Iâ€“Mediated Efflux of Sterols From Oxidized LDLâ€“Loaded Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 15, 276-289.	1.1	92
27	Cholesterol and oxysterol metabolism and subcellular distribution in macrophage foam cells: accumulation of oxidized esters in lysosomes. Journal of Lipid Research, 2000, 41, 226-236.	2.0	91
28	Assessment of proteasome activity in cell lysates and tissue homogenates using peptide substrates. International Journal of Biochemistry and Cell Biology, 2003, 35, 716-727.	1.2	89
29	Radical chemistry of epigallocatechin gallate and its relevance to protein damage. Archives of Biochemistry and Biophysics, 2003, 414, 115-120.	1.4	88
30	[29] Iodometric determination of hydroperoxides in lipids and proteins. Methods in Enzymology, 1994, 233, 289-303.	0.4	85
31	Reactions of Hypochlorous Acid with Tyrosine and Peptidyl-tyrosyl Residues Give Dichlorinated and Aldehydic Products in Addition to 3-Chlorotyrosine. Journal of Biological Chemistry, 2000, 275, 10851-10858.	1.6	84
32	Oxysterols in biological systems: sources, metabolism and pathophysiological relevance. Redox Report, 2006, 11, 255-262.	1.4	81
33	Histidine and Proline are Important Sites of Free Radical Damage to Proteins. Free Radical Research Communications, 1989, 7, 97-103.	1.8	80
34	Radicals Derived from Histone Hydroperoxides Damage Nucleobases in RNA and DNA. Chemical Research in Toxicology, 2000, 13, 665-672.	1.7	80
35	Recent developments in the intracellular degradation of oxidized proteins 1,2 1Guest Editor: Earl Stadtman 2This article is part of a series of reviews on â€œOxidatively Modified Proteins in Aging and Disease.â€•The full list of papers may be found on the homepage of the journal.. Free Radical Biology and Medicine, 2002, 33, 894-906.	1.3	77
36	Endogenous free radical generation may influence proteolysis in Mitochondria. Biochemical and Biophysical Research Communications, 1985, 126, 1082-1089.	1.0	76

#	Article	IF	Citations
37	Inhibition of glyceraldehyde-3-phosphate dehydrogenase by peptide and protein peroxides generated by singlet oxygen attack. FEBS Journal, 2002, 269, 1916-1925.	0.2	76
38	Protective mechanisms against peptide and protein peroxides generated by singlet oxygen. Free Radical Biology and Medicine, 2004, 36, 484-496.	1.3	76
39	Sterol 27-Hydroxylase Acts on 7-Ketocholesterol in Human Atherosclerotic Lesions and Macrophages in Culture. Journal of Biological Chemistry, 2000, 275, 27627-27633.	1.6	75
40	The Action of Nine Chelators on Iron-Dependent Radical Damage. Free Radical Research, 1994, 20, 83-101.	1.5	72
41	Oxidation of DNA, proteins and lipids by DOPA, protein-bound DOPA, and related catechol(amine)s. Toxicology, 2002, 177, 23-37.	2.0	70
42	Synchronising movements with the sounds of a virtual partner enhances partner likeability. Cognitive Processing, 2014, 15, 491-501.	0.7	70
43	Histone H1- and other protein- and amino acid-hydroperoxides can give rise to free radicals which oxidize DNA. Biochemical Journal, 1999, 344, 125-134.	1.7	69
44	Biosynthetic incorporation of oxidized amino acids into proteins and their cellular proteolysis. Free Radical Biology and Medicine, 2002, 32, 766-775.	1.3	67
45	Concerning a possible mechanism for selective capture of cytoplasmic proteins by lysosomes. Biochemical and Biophysical Research Communications, 1975, 67, 604-609.	1.0	66
46	Lysosomal Enzymes as Agents of Turnover of Soluble Cytoplasmic Proteins. FEBS Journal, 1975, 58, 9-14.	0.2	64
47	Translational incorporation of L-3,4-dihydroxyphenylalanine into proteins. FEBS Journal, 2005, 272, 3162-3171.	2.2	64
48	Membrane proteins are critical targets in free radical mediated cytolysis. Biochimica Et Biophysica Acta - Biomembranes, 1988, 946, 281-288.	1.4	63
49	Vitamin E protects proteins against free radical damage in lipid environments. Biochemical and Biophysical Research Communications, 1987, 148, 1277-1282.	1.0	61
50	Radical initiated Î±-tocopherol depletion and lipid peroxidation in mitochondrial membranes. Lipids and Lipid Metabolism, 1989, 1002, 189-197.	2.6	61
51	Apolipoprotein A-I Stimulates Secretion of Apolipoprotein E by Foam Cell Macrophages. Journal of Biological Chemistry, 1999, 274, 27925-27933.	1.6	60
52	Hydroxypropyl-Î²-cyclodextrin-mediated Efflux of 7-Ketocholesterol from Macrophage Foam Cells. Journal of Biological Chemistry, 1996, 271, 27450-27455.	1.6	59
53	Oxygen-centred free radicals can efficiently degrade the polypeptide of proteoglycans in whole cartilage. Bioscience Reports, 1984, 4, 1017-1026.	1.1	58
54	A mechanism for accelerated degradation of intracellular proteins after limited damage by free radicals. FEBS Letters, 1987, 220, 278-282.	1.3	58

#	Article	IF	Citations
55	Autoinhibition of murine macrophage-mediated oxidation of low-density lipoprotein by nitric oxide synthesis. Atherosclerosis, 1993, 101, 145-155.	0.4	57
56	Apolipoprotein B of oxidized LDL accumulates in the lysosomes of macrophages. Lipids and Lipid Metabolism, 1994, 1212, 80-92.	2.6	55
57	Comparative Time Series Analysis of Perceptual Responses to Electroacoustic Music. Music Perception, 2012, 29, 359-375.	0.5	54
58	A continuous-flow automated assay for iodometric estimation of hydroperoxides. Analytical Biochemistry, 1989, 176, 353-359.	1.1	53
59	Accelerated endocytosis and incomplete catabolism of radical-damaged protein. Biochimica Et Biophysica Acta - Molecular Cell Research, 1992, 1134, 203-209.	1.9	52
60	The role of oxyradicals in intracellular proteolysis and toxicity in mussels. Marine Environmental Research, 1992, 34, 315-320.	1.1	50
61	Inefficient Degradation of Oxidized Regions of Protein Molecules. Free Radical Research Communications, 1993, 18, 259-267.	1.8	47
62	Metabolism of protein-bound DOPA in mammals. International Journal of Biochemistry and Cell Biology, 2000, 32, 945-955.	1.2	47
63	Acoustic Intensity Causes Perceived Changes in Arousal Levels in Music: An Experimental Investigation. PLoS ONE, 2011, 6, e18591.	1.1	47
64	Direct Copper Reduction by Macrophages. Journal of Biological Chemistry, 1997, 272, 6927-6935.	1.6	45
65	Regulation of serum-induced lipid accumulation in human monocyte-derived macrophages by interferon-Î³ . Correlations with apolipoprotein E production, lipoprotein lipase activity and LDL receptor-related protein expression. Atherosclerosis, 1997, 128, 47-58.	0.4	43
66	Induction of DNA damage by oxidised amino acids and proteins. Biogerontology, 2002, 3, 95-102.	2.0	43
67	Glycation and glycoxidation of low-density lipoproteins by glucose and low-molecular mass aldehydes. Formation of modified and oxidized particles. FEBS Journal, 2003, 270, 3572-3582.	0.2	43
68	Oxysterol efflux from macrophage foam cells: the essential role of acceptor phospholipid. Journal of Lipid Research, 1999, 40, 1636-1646.	2.0	43
69	Macrophages Require Both Iron and Copper to Oxidize Low-Density Lipoprotein in Hanksâ€™ Balanced Salt Solution. Archives of Biochemistry and Biophysics, 1995, 323, 127-136.	1.4	42
70	3-Hydroxylysine, a Potential Marker for Studying Radical-Induced Protein Oxidationâ€. Chemical Research in Toxicology, 1998, 11, 1265-1273.	1.7	42
71	Inhibition of Cholesterol Efflux by 7-Ketocholesterol:Â Comparison between Cells, Plasma Membrane Vesicles, and Liposomes as Cholesterol Donorsâ€. Biochemistry, 2001, 40, 13002-13014.	1.2	42
72	Apolipoprotein A-I-stimulated Apolipoprotein E Secretion from Human Macrophages Is Independent of Cholesterol Efflux. Journal of Biological Chemistry, 2004, 279, 25966-25977.	1.6	40

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73	Biosynthesis and turnover of DOPA-containing proteins by human cells. Free Radical Biology and Medicine, 2004, 37, 1756-1764.	1.3	40
74	The impact of specific oxidized amino acids on protein turnover in J774 cells. Biochemical Journal, 2008, 410, 131-140.	1.7	40
75	Time Series Analysis as a Method to Examine Acoustical Influences on Real-time Perception of Music. Empirical Musicology Review, 2010, 5, 152-175.	0.2	39
76	Hypothesis: A damaging role in aging for reactive protein oxidation products?. Mutation Research - DNAging, 1992, 275, 387-393.	3.3	38
77	Rabbit Î²-glucuronidase. Purification and properties, and the existence of multiple forms. Biochemical Journal, 1974, 138, 395-405.	1.7	37
78	A Kinetic Model to Evaluate Cholesterol Efflux from THP-1 Macrophages to Apolipoprotein A-1. Biochemistry, 2001, 40, 9363-9373.	1.2	37
79	Free radicals inactivate human neutrophil elastase and its inhibitors with comparable efficiency. Biochemical and Biophysical Research Communications, 1989, 159, 821-827.	1.0	35
80	Free radical and enzymatic mechanisms for the generation of protein bound reducing moieties. Biochimica Et Biophysica Acta - General Subjects, 1993, 1156, 190-196.	1.1	34
81	Evidence for L-dopa incorporation into cell proteins in patients treated with levodopa. Journal of Neurochemistry, 2006, 98, 1061-1067.	2.1	34
82	Secretion by mononuclear phagocytes of lysosomal hydrolases bearing ligands for the mannose-6-phosphate receptor system of fibroblasts: Evidence for a second mechanism of spontaneous secretion?. Biochemical and Biophysical Research Communications, 1982, 105, 922-927.	1.0	32
83	Batch-To-Batch Variation of Chelex-100 Confounds Metal-Catalysed Oxidation. Leaching of Inhibitory Compounds from A Batch of Chelex-100 and Their Removal by a Pre-Washing Procedure. Free Radical Research, 1995, 23, 533-535.	1.5	32
84	Histone H1- and other protein- and amino acid-hydroperoxides can give rise to free radicals which oxidize DNA. Biochemical Journal, 1999, 344, 125.	1.7	31
85	Cyclodextrins differentially mobilize free and esterified cholesterol from primary human foam cell macrophages. Journal of Lipid Research, 2003, 44, 1156-1166.	2.0	30
86	Perception of affect in unfamiliar musical chords. PLoS ONE, 2019, 14, e0218570.	1.1	30
87	The Role of Oxidative Modification and Antioxidants in LDL Metabolism and Atherosclerosis. Advances in Experimental Medicine and Biology, 1990, 264, 139-142.	0.8	30
88	Free radical-mediated degradation of proteins: The protective and deleterious effects of membranes. Biochemical and Biophysical Research Communications, 1989, 162, 1076-1084.	1.0	29
89	Action of peroxidases on protein hydroperoxides. Redox Report, 2002, 7, 235-242.	1.4	26
90	Comparative time-courses of copper-ion-mediated protein and lipid oxidation in low-density lipoprotein. Archives of Biochemistry and Biophysics, 2002, 400, 223-232.	1.4	26

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91	Inflammatory particles stimulate thromboplastin production by human monocytes. Thrombosis Research, 1983, 30, 357-367.	0.8	25
92	Musical Imagery and the Planning of Dynamics and Articulation During Performance. Music Perception, 2013, 31, 97-117.	0.5	25
93	Linking melodic expectation to expressive performance timing and perceived musical tension.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 594-609.	0.7	25
94	The effect of weak bases on lysosomal enzyme secretion by mononuclear phagocytes. Biochemical Pharmacology, 1982, 31, 2657-2662.	2.0	24
95	Is enhanced free radical flux associated with increased intracellular proteolysis?. FEBS Letters, 1987, 216, 253-256.	1.3	24
96	Rabbit Î²-glucuronidase. Subcellular distribution and immunochemical properties. Biochemical Journal, 1974, 138, 407-413.	1.7	23
97	Stimulatory and Inhibitory Actions of Proteins and Amino Acids On Copper-Catalysed Free Radical Generation in the Bulk Phase. Free Radical Research Communications, 1990, 10, 303-312.	1.8	23
98	Performing Musical Dynamics. Music Perception, 2014, 32, 51-66.	0.5	21
99	Transâ€plasma membrane electron transport induces macrophageâ€mediated lowâ€density lipoprotein oxidation. FASEB Journal, 2001, 15, 1580-1582.	0.2	20
100	Glycation and glycoxidation of low-density lipoproteins by glucose and low-molecular mass aldehydes. FEBS Journal, 2003, 270, 3572-3582.	0.2	20
101	Haptoglobin elutes from human atherosclerotic coronary arteriesâ€"a potential marker of arterial pathology. Atherosclerosis, 2003, 168, 389-396.	0.4	20
102	Musical Expertise and the Ability to Imagine Loudness. PLoS ONE, 2013, 8, e56052.	1.1	20
103	Mechanisms of lysosomal enzyme secretion by human monocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1983, 762, 378-389.	1.9	19
104	Monosaccharide autoxidation: A potential source of oxidative stress in diabetes?. Bioelectrochemistry, 1987, 18, 283-293.	1.0	19
105	Î±-Tocopherol supplementation of macrophages does not influence their ability to oxidize LDL. Journal of Lipid Research, 1998, 39, 114-130.	2.0	19
106	Listeners Discern Affective Variation in Computer-Generated Musical Sounds. Perception, 2009, 38, 1386-1404.	0.5	18
107	Separation and Characterization of Cholesteryl Oxo- and Hydroxy-Linoleate Isolated from Human Atherosclerotic Plaque. Free Radical Research, 1997, 27, 397-408.	1.5	17
108	Protein-bound 3,4-dihydroxy-phenylanine (DOPA), a redox-active product of protein oxidation, as a trigger for antioxidant defences. International Journal of Biochemistry and Cell Biology, 2007, 39, 879-889.	1.2	17

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109	Time series analysis of real-time music perception: approaches to the assessment of individual and expertise differences in perception of expressed affect. Journal of Mathematics and Music, 2014, 8, 183-205.	0.3	17
110	The Iron-Selective Chelator Desferal Can Reduce Chelated Copper. Free Radical Research, 1996, 24, 55-60.	1.5	16
111	Prooxidant and Antioxidant Activities of Macrophages in Metal-Mediated LDL Oxidation. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 1119-1124.	1.1	16
112	Mental Imagery for Musical Changes in Loudness. Frontiers in Psychology, 2012, 3, 525.	1.1	16
113	Evidence against the occurrence of artifacts due to carrier ampholyte-protein binding during isoelectric focusing. Journal of Chromatography A, 1975, 105, 353-358.	1.8	15
114	Derangement of regulation of protein degradation in transforming fibroblasts. Bioscience Reports, 1982, 2, 107-114.	1.1	15
115	[23] Carrier potential of glycoproteins. Methods in Enzymology, 1985, 112, 298-306.	0.4	15
116	Restriction of the Participation of Copper in Radical-Generating Systems by Zinc. Free Radical Research Communications, 1991, 14, 217-225.	1.8	15
117	A Riseâ€“Fall Temporal Asymmetry of Intensity in Composed and Improvised Electroacoustic Music. Organised Sound, 2010, 15, 147-158.	0.1	15
118	A continuous measure of musical engagement contributes to prediction of perceived arousal and valence.. Psychomusicology: Music, Mind and Brain, 2014, 24, 147-156.	1.1	15
119	Edta Differentially and Incompletely Inhibits Components of Prolonged Cell-Mediated Oxidation of Low-Density Lipoprotein. Free Radical Research, 1995, 22, 399-417.	1.5	14
120	Macrophages Can Decrease the Level of Cholesteryl Ester Hydroperoxides in Low Density Lipoprotein. Journal of Biological Chemistry, 2000, 275, 1635-1644.	1.6	14
121	Listener Detection of Segmentation in Computer-Generated Sound: An Exploratory Experimental Study. Journal of New Music Research, 2007, 36, 83-93.	0.6	14
122	Symmetry Matched Auditory Cues Improve Gait Steadiness in Most People with Parkinson's Disease but not in Healthy Older People. Journal of Parkinson's Disease, 2015, 5, 105-116.	1.5	14
123	Resilient memory for melodies: The number of intervening melodies does not influence novel melody recognition. Quarterly Journal of Experimental Psychology, 2018, 71, 1150-1171.	0.6	14
124	Turnover of Lysosomal Proteins and Induction and Distribution of Rat Liver Proteinases, after Treatment with Triton WR-1339. Biochemical Society Transactions, 1975, 3, 250-252.	1.6	13
125	Does the induction of macrophage lysosomal enzyme secretion by zymosan involve the mannose receptor?. Biochemical and Biophysical Research Communications, 1983, 113, 192-198.	1.0	13
126	The pulse of symmetry: On the possible co-evolution of rhythm in music and dance. Musicae Scientiae, 2009, 13, 341-367.	2.2	13

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127	Emotional responses in Papua New Guinea show negligible evidence for a universal effect of major versus minor music. PLoS ONE, 2022, 17, e0269597.	1.1	13
128	Inhibition of some spontaneous secretory processes in macrophages and fibroblasts by ammonium chloride. Biochemical Pharmacology, 1983, 32, 2703-2710.	2.0	12
129	Enhanced Enzymatic Degradation of Radical Damaged Mitochondrial Membrane Components. Free Radical Research Communications, 1993, 19, 125-134.	1.8	12
130	Generative Structures in Improvisation: Computational Segmentation of Keyboard Performances. Journal of New Music Research, 2014, 43, 224-236.	0.6	12
131	Interference in memory for pitch-only and rhythm-only sequences. Musicae Scientiae, 2018, 22, 344-361.	2.2	12
132	Proteolytic 'defences' and the accumulation of oxidized polypeptides in cataractogenesis and atherogenesis. Biochemical Society Symposia, 2003, 70, 135-146.	2.7	12
133	Electric birefringence as a means of studying the effect of anaesthetics on liposomes. Biochimica Et Biophysica Acta - Biomembranes, 1984, 776, 60-64.	1.4	11
134	Free radical damage to proteins and its role in the immune response. Molecular Aspects of Medicine, 1991, 12, 121-128.	2.7	11
135	Shared and distinct mechanisms of individual and expertise-group perception of expressed arousal in four works. Journal of Mathematics and Music, 2014, 8, 207-223.	0.3	11
136	Lysosomes and Protein Degradation. Novartis Foundation Symposium, 1980, , 139-149.	1.2	11
137	Modes of access of macromolecules to the lysosomal interior. Biochemical Society Transactions, 1984, 12, 911-913.	1.6	10
138	Music Cognition as Mental Time Travel. Scientific Reports, 2013, 3, 2690.	1.6	10
139	What Constitutes a Phrase in Sound-Based Music? A Mixed-Methods Investigation of Perception and Acoustics. PLoS ONE, 2016, 11, e0167643.	1.1	10
140	Memory for melodies in unfamiliar tuning systems: Investigating effects of recency and number of intervening items. Quarterly Journal of Experimental Psychology, 2018, 71, 1367-1381.	0.6	10
141	Lysosomal enzyme secretion by cystic fibrosis fibroblasts is normal. Clinica Chimica Acta, 1982, 126, 265-273.	0.5	9
142	Modulation of exocytosis of previously pinocytosed fluid by human fibroblasts. Bioscience Reports, 1982, 2, 551-560.	1.1	9
143	Degradation of cartilage by macrophages in culture: Evidence for the involvement of an enzyme which is associated with the cell surface. Connective Tissue Research, 1986, 14, 199-212.	1.1	9
144	Both acoustic intensity and loudness contribute to time-series models of perceived affect in response to music.. Psychomusicology: Music, Mind and Brain, 2015, 25, 124-137.	1.1	9

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145	Modeling Perceptions of Valence in Diverse Music. Music Perception, 2016, 34, 104-117.	0.5	9
146	Computational Creation and Morphing of Multilevel Rhythms by Control of Evenness. Computer Music Journal, 2016, 40, 35-53.	0.3	9
147	Origins of 1/f noise in human music performance from short-range autocorrelations related to rhythmic structures. PLoS ONE, 2019, 14, e0216088.	1.1	9
148	Amines and secretory pathways. Nature, 1983, 305, 73-74.	13.7	8
149	Intracellular turnover and secretion of lysosomal enzymes. Biochemical Society Transactions, 1984, 12, 529-531.	1.6	8
150	An intracellular pool of the procoagulant thromboplastin in human monocytes. Thrombosis Research, 1985, 40, 199-205.	0.8	8
151	Antioxidant Properties of Macrophages Toward Low-Density Lipoprotein. Trends in Cardiovascular Medicine, 2001, 11, 1-7.	2.3	8
152	Continuous subjective loudness responses to reversals and inversions of a sound recording of an orchestral excerpt. Musicae Scientiae, 2011, 15, 387-401.	2.2	8
153	Using time series analysis to evaluate skin conductance during movement in piano improvisation. Psychology of Music, 2015, 43, 3-23.	0.9	8
154	How Different Are Our Perceptions of Equal-Tempered and Microtonal Intervals? A Behavioural and EEG Survey. PLoS ONE, 2015, 10, e0135082.	1.1	8
155	Modelling Perception of Structure and Affect in Music: Spectral Centroid and Wishart's Red Bird. Empirical Musicology Review, 2011, 6, 131-137.	0.2	8
156	Lipid hydroperoxides mediate protein fragmentation. Biochemical Society Transactions, 1987, 15, 1063-1064.	1.6	7
157	Voicescapes and Sonic Structures in the Creation of Sound Technodrama. Performance Research, 2003, 8, 112-123.	0.2	7
158	The mirage of real-time algorithmic synaesthesia: Some compositional mechanisms and research agendas in computer music and sonification. Contemporary Music Review, 2006, 25, 311-326.	0.3	7
159	Synthesis of Î±-Tocopherol Analogues. Australian Journal of Chemistry, 1997, 50, 1129.	0.5	7
160	Effects of CSF-1 on Cholesterol Accumulation and Efflux by Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 18-25.	1.1	7
161	Facilitation and Coherence Between the Dynamic and Retrospective Perception of Segmentation in Computer-Generated Music. Empirical Musicology Review, 2007, 2, 74-80.	0.2	7
162	Amines Induce Increased Thromboplastin Activity in Human Monocytes. FEBS Journal, 1983, 131, 655-658.	0.2	6

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163	Lysosomal hydrolases in macrophages exposed to swainsonine. Biochimica Et Biophysica Acta - Molecular Cell Research, 1983, 762, 569-576.	1.9	6
164	Regulation of Procoagulant Factors in Mononuclear Phagocytes. Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research, 1984, 14, 412-421.	0.5	6
165	Cell surface events which may initiate lysosomal enzyme secretion by human monocytes. European Journal of Immunology, 1984, 14, 997-1002.	1.6	6
166	Toward a Sociobiology of Music. Music Perception, 2006, 24, 83-84.	0.5	6
167	Widening Unequal Tempered Microtonal Pitch Space for Metaphoric and Cognitive Purposes with New Prime Number Scales. Leonardo, 2009, 42, 94-95.	0.2	6
168	Timbre Preferences in the Context of Mixing Music. Applied Sciences (Switzerland), 2019, 9, 1695.	1.3	6
169	Affective and Cognitive Responses to Musical Performances of Early 20th Century Classical Solo Piano Compositions. Music Perception, 2021, 38, 245-266.	0.5	6
170	PROTEIN DAMAGE AND REPAIR: AN OVERVIEW. , 1991, , 341-347.		6
171	Effects of Cytochalasin B on the Pinocytosis and Degradation of Proteins by Macrophages. Biochemical Society Transactions, 1979, 7, 362-364.	1.6	5
172	Accelerated fluid endocytosis and re-exocytosis by lysosomal storage disease fibroblasts. Experimental Cell Research, 1984, 151, 563-566.	1.2	5
173	Radical sequestration by protein-bound 3,4-dihydroxyphenylalanine. International Journal of Biochemistry and Cell Biology, 2010, 42, 755-761.	1.2	5
174	Evidence for multiple strategies in off-beat tapping with anisochronous stimuli. Psychological Research, 2014, 78, 721-735.	1.0	5
175	Towards a Deep Improviser: a prototype deep learning post-tonal free music generator. Neural Computing and Applications, 2020, 32, 969-979.	3.2	5
176	Interrater agreement in memory for melody as a measure of listenersâ€™ similarity in music perception.. Psychomusicology: Music, Mind and Brain, 2017, 27, 297-311.	1.1	5
177	Does free extracellular iron exist in haemochromatosis and other pathologies, and is it redox active?. Clinical Science, 2001, 100, 237.	1.8	5
178	Receptor-mediated phagocytosis of zymosan is unaffected by some conditions which reduce macrophage lysosomal enzyme secretion. Bioscience Reports, 1983, 3, 1053-1061.	1.1	4
179	Endocytosis and intracellular protein degradation in cystic fibrosis fibroblasts. Clinica Chimica Acta, 1983, 129, 333-339.	0.5	4
180	Secretion of plasminogen activator by mouse mononuclear phagocytes is stimulated by ammonium chloride. Biochemical Society Transactions, 1983, 11, 188-189.	1.6	4

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181	Control of exogenous proteinases and their inhibitors at the macrophage cell surface. Biochimica Et Biophysica Acta - General Subjects, 1989, 992, 174-180.	1.1	4
182	The antioxidant properties of an inhibitor of nitric oxide synthase. Free Radical Biology and Medicine, 1993, 14, 447-448.	1.3	4
183	Loading with oxidised low density lipoprotein alters endocytic and secretory activities of murine macrophages. Biochimica Et Biophysica Acta - Molecular Cell Research, 1997, 1356, 12-22.	1.9	4
184	â€˜Human understandingâ€™ in imagining and organising sound: some implications of John Locke's Essay for ecological, cognitive and embodied approaches to composition. Organised Sound, 2007, 12, 89-95.	0.1	4
185	When Is Noise Speech? A Survey in Sonic Ambiguity. Computer Music Journal, 2009, 33, 57-67.	0.3	4
186	Influences of structure and agency on the perception of musical change.. Psychomusicology: Music, Mind and Brain, 2014, 24, 103-108.	1.1	4
187	Encouraging Attention and Exploration in a Hybrid Recommender System for Libraries of Unfamiliar Music. Music & Science, 2019, 2, 205920431989317.	0.6	4
188	Influence of a continuous affect ratings task on listening time for unfamiliar art music. Journal of New Music Research, 0, , 1-17.	0.6	4
189	Regulation of lysosomal Î±-mannosidase in macrophages. Biochemical Society Transactions, 1982, 10, 533-534.	1.6	3
190	Acid hydrolase secretion by human monocytes and its possible regulation by products of lymphocytes and neutrophils. Biochemical Society Transactions, 1982, 10, 228-228.	1.6	3
191	Inhibition by trifluoperazine and digitonin of several forms of pinocytosis. Biochemical Pharmacology, 1983, 32, 2417-2420.	2.0	3
192	Memory for melodies in unfamiliar tuning systems: Investigating effects of recency and number of intervening items. Quarterly Journal of Experimental Psychology, 2017, , 1-45.	0.6	3
193	Learning a well-formed microtonal scale: Pitch intervals and event frequencies. Journal of New Music Research, 2018, 47, 206-225.	0.6	3
194	Spectral Pitch Similarity is a Predictor of Perceived Change in Sound- as Well as Note-Based Music. Music & Science, 2019, 2, 205920431984735.	0.6	3
195	Context effects of background babbling on memory for melodies. Musicae Scientiae, 2020, 24, 96-112.	2.2	3
196	Making the Unfamiliar Familiar: The Effect of Exposure on Ratings of Unfamiliar Musical Chords. Musicae Scientiae, 2020, , 102986492094857.	2.2	3
197	Studies on the heterogeneity of mammalian Î²-glucuronidases. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1976, 54, 107-110.	0.2	2
198	Endogenous protein turnover during lysosomal storage in normal, Tay-Sachs' and Sandhoff's fibroblasts. Biochemical Society Transactions, 1982, 10, 230-231.	1.6	2

#	Article	IF	Citations
199	An abnormality in intracellular protein degradation in fibroblasts from patients with I-cell disease. Clinica Chimica Acta, 1984, 140, 257-265.	0.5	2
200	Endocytosis of proteins by kidney tubule cells: inhibition by the aminoglycoside gentamicin. Biochemical Pharmacology, 1986, 35, 3182-3184.	2.0	2
201	Macrophage procoagulant activity in experimental African trypanosomiasis. Parasite Immunology, 1987, 9, 683-696.	0.7	2
202	T-lymphocyte requirement for the induction of mouse macrophage procoagulant activity by Trypanosoma brucei. Parasite Immunology, 1987, 9, 697-704.	0.7	2
203	Trypanosoma brucei: Susceptibility to hydrogen peroxide and related products of activated macrophages. Experimental Parasitology, 1988, 65, 131-140.	0.5	2
204	Isolation and maintenance of nonadherent quiescent human monocytes for studies of adhesion and migration. Cytotechnology, 1995, 17, 53-59.	0.7	2
205	Is hypochlorous acid (HOCl) involved in ageâ€related nuclear cataract?. Australasian journal of optometry, The, 2002, 85, 97-100.	0.6	2
206	Continuous loudness response to acoustic intensity dynamics in melodies: Effects of melodic contour, tempo, and tonality. Acta Psychologica, 2014, 149, 117-128.	0.7	2
207	Relationships Between Generated Musical Structure, Performersâ€™ Physiological Arousal and Listener Perceptions in Solo Piano Improvisation. Journal of New Music Research, 2016, 45, 361-374.	0.6	2
208	The Character Thinks Ahead: Creative Writing with Deep Learning Nets and Its Stylistic Assessment. Leonardo, 2018, 51, 503-504.	0.2	2
209	Controlling Perception Thresholds for Changing Timbres in Continuous Sounds. Organised Sound, 2019, 24, 71-84.	0.1	2
210	The difficulty of learning microtonal tunings rapidly: The influence of pitch intervals and structural familiarity.. Psychomusicology: Music, Mind and Brain, 2018, 28, 50-63.	1.1	2
211	On the Roles of Complexity and Symmetry in Cued Tapping of Well-formed Complex Rhythms. Music Perception, 2021, 39, 202-225.	0.5	2
212	Going online: Successes and challenges in delivering group music instrument and aural learning for older adult novices during the COVID-19 pandemic. Musicae Scientiae, 2023, 27, 596-615.	2.2	2
213	The Purification and Properties of Rabbit Liver Î²-Glucuronidase. Biochemical Society Transactions, 1973, 1, 384-384.	1.6	1
214	Possible role of the macrophage surface mannose receptor in initiation of lysosomal enzyme secretion. Biochemical Society Transactions, 1983, 11, 399-400.	1.6	1
215	Comparative studies on the endocytosis of proteins in kidney-tubule cells. Biochemical Society Transactions, 1984, 12, 1076-1076.	1.6	1
216	Evidence that DOPA-Derivatives are Generated After L-DOPA Incorporation into Proteins by Mammalian Cells. Journal of Adhesion, 2009, 85, 561-575.	1.8	1

#	Article	IF	Citations
217	Cognitive Processes in Musical Improvisation. , 2014, , .		1
218	The Multi-Tuned Piano: Keyboard Music without a Tuning System. Leonardo, 2022, 55, 166-169.	0.2	1
219	Evaluative conditioning of responses to unfamiliar chords by exposure to valenced images. Psychology of Music, 2022, 50, 579-595.	0.9	1
220	The Role of Oxidative Metabolism and Antioxidants in Low-Density Lipoprotein Structure and Metabolism. , 1990, , 239-247.		1
221	Distributional Analysis of n-Dimensional Feature Space for 7-Note Scales in 22-TET. Lecture Notes in Computer Science, 2019, , 201-212.	1.0	1
222	Metal Reduction By Macrophages. , 1998, , 267-277.		1
223	Musical Algorithms as Tools, Languages, and Partners. , 2018, , .		1
224	LYSOSOMES AND PROTEIN DEGRADATION. Biochemical Society Transactions, 1981, 9, 91P-91P.	1.6	0
225	A prolonged slow linear phase in the release of previously endocytosed tracers from cultured human fibroblasts. Biochemical Society Transactions, 1982, 10, 539-539.	1.6	0
226	The effect of chymostatin on protein degradation in 3T3 cells. Biochemical Society Transactions, 1984, 12, 1039-1040.	1.6	0
227	STABLE MARKERS OF OXIDANT DAMAGE TO PROTEINS AND THEIR APPLICATION IN THE STUDY OF HUMAN DISEASE. , 2001, , 17-29.		0
228	Analysis of Aliphatic Amino Acid Alcohols in Oxidized Proteins. , 2002, 186, 101-110.		0
229	The Perceived Affective Expression of Computer-Manipulated Sung Sounds. Computer Music Journal, 2011, 35, 90-104.	0.3	0
230	The Serial Collaborator: A Meta-Pianist for Real-Time Tonal and Non-Tonal Music Generation. Leonardo, 2014, 47, 260-261.	0.2	0
231	Empirical Studies of Computer Sound. , 2011, , .		0
232	Envisaging Improvisation in Future Computer Music. , 2011, , .		0
233	Introduction: The Many Futures of Computer Music. , 2011, , .		0
234	Algorithmic Synesthesia. , 2011, , .		0

#	Article	IF	Citations
235	Algorithmic Trajectories. , 2018, , .		0