

## Bibliography for Hearing, Sound, and Audition

- Abbott, Alison (2002) Music, maestro, please! *Nature*, 416, 12-14.
- Albert, Martin L.; Sparks, R.; and Helm, Nancy (1973) Melodic intonation therapy for aphasia. *Archives of Neurology*, 29, 130-131.
- Aldridge, David (1992) Rhythm man. In: Adam Seligman and John Hilkevich (ed.), *Don't Think About Monkeys*, 173-182. Duarte, CA: Hope Press.
- Allen, H. A.; Halpern, John H.; and Friend, R. (1985) Removal and diversion tactics and the control of auditory hallucinations. *Behaviour Research and Therapy*, 23, 601-605.
- American Standards Association (1960) *Acoustical Terminology SI*. New York: American Standards Association.
- Ashley, Jack (1973) *Journey into Silence*. London: Bodley Head.
- Ashmead, Daniel H.; Wall, Robert S.; Eaton, Susan B.; Ebinger, Kiara A.; Snook-Hill, Mary-Maureen; Guth, David A.; and Yang, Xuefeng (1998) Echolocation reconsidered: Using spatial variations in the ambient sound field to guide locomotion. *Journal of Visual Impairment and Blindness*, 92(9), 615-632.
- Attneave, Fred; and Olson, Richard K. (1971) Pitch as a medium: A new approach to psychophysical scaling. *American Journal of Psychology*, 84, 147-166.
- Ayotte, Julia; Peretz, Isabelle; and Hyde, Krista (2002) Congenital amusia: A group study of adults afflicted with a music-specific disorder. *Brain*, 125, 238-251.
- Bachem, Albert (1950) Tone height and tone chroma as two different pitch qualities. *Acta Psychologica*, 7, 80-88.
- Barany, Robert (1906) Über die vom Ohrlabyrinth ausgelöste Gegenrollung der Augen bei Normalhörenden or On the Ear Labyrinth. *Archiv für Ohrenheilkunde, Leipzig*, 68, 1-30.
- Baroni, Mario; Addessi, Anna Rita; Caterina, Roberto; and Costa, Marco (ed.) (2006) *Proceedings of the Ninth International Conference on Music Perception and Cognition*. Bologna, Italy: ICMPC and ESCOM.
- Bashford, James A.; and Warren, Richard M. (1987) Multiple phonemic restorations follow the rules for auditory induction. *Perception and Psychophysics*, 42, 114-121.
- Bayley, John (1999) *Elegy for Iris*. New York: St. Martin's Press.
- Beeli, G.; Esslen, M.; and Jäncke, Lutz (2005) When coloured sounds taste sweet. *Nature*, 434, 38-38.
- Bekesy, Georg von (1928 to 1932) Zur Theorie des Hörens bei der Schallaufnahme durch Knochenleitung or Theory of audition by sonic recording through bone. *Annalische Physiks*, 13, 111-136.
- Bekesy, Georg von (1959) Similarities between hearing and skin sensations. *Psychological Review*, 66, 1-22.
- Bekesy, Georg von (1960) *Experiments in Hearing*. Translated and edited by E. G. Wever. New York: McGraw-Hill.
- Bekesy, Georg von (1970) Improved musical dynamics by variation of apparent size of sound source. *Journal of Music Theory*, 14(2), 141-163.

- Belin, Pascal; Van Eeckhout, Philippe; Zilbovicius, Monica; Remy, Philippe; François, C.; Guillaume, S.; Chain, F.; Rancurel, Gerald; and Samson, Yves (1996) Recovery from nonfluent aphasia after melodic intonation therapy: A PET study. *Neurology*, 47(6), 1504-1511.
- Belin, Pascal; Zatorre, Robert J.; Lafaille, Philippe; Ahad, Pierre; and Pike, Bruce (2000) Voice-selective areas in human auditory cortex. *Nature*, 403, 309-310.
- Bendor, Daniel; and Wang, Xiaoqin (2005) The neuronal representation of pitch in the primate auditory cortex. *Nature*, 436, 1161-1165.
- Bentall, Richard P.; and Slade, Peter D. (1985) Reality testing and auditory hallucinations: A signal-detection analysis. *British Journal of Clinical Psychology*, 24, 159-169.
- Berrios, German E. (1990) Musical hallucinations: A historical and clinical study. *British Journal of Psychiatry*, 156, 188-194.
- Berrios, German E. (1991) Musical hallucinations: A statistical analysis of 46 cases. *Psychopathology*, 24, 356-360.
- Bialystok, Ellen; and Hakuta, Kenji (1994) *In Other Words: The Science and Psychology of Second-Language Acquisition*. New York: Basic Books.
- Binder, Jeffrey R. (2000) The neuroanatomy of speech perception. Editorial. *Brain*, 123, 2371-2372.
- Binder, Jeffrey R.; Rao, Stephen M.; Hammeke, Thomas A.; Yetkin, F. Zerrin; Jesmanowicz, Andrzej; Bandettini, Peter A.; Wong, Eric C.; Estkowski, Lloyd D.; Goldstein, M. D.; Haughton, Victor M.; and Hyde, James S. (1994) Functional magnetic resonance imaging of human auditory cortex. *Annals of Neurology*, 35, 662-672.
- Blake, David T.; Byl, Nancy N.; Cheung, Steven; Bedenbaugh, Purvis; Nagarajan, Srikantan; Lamb, Michelle; and Merzenich, Michael M. (2002) Sensory representation abnormalities that parallel focal hand dystonia in a primate model. *Somatosensory and Motor Research*, 19(4), 347-357.
- Blakemore, Sarah-Jayne; Smith, Joanna; Steel, Robert; Johnstone, Eve C.; and Frith, Christopher D. (2000) The perception of self-produced sensory stimuli in patients with auditory hallucinations and passivity experiences: Evidence for a breakdown in self-monitoring. *Psychological Medicine*, 30, 1131-1139.
- Blauert, Jens (1983) *Spatial Hearing: The Psychophysics of Human Sound Localization*. Cambridge, MA: MIT Press.
- Blood, Anne J.; and Zatorre, Robert J. (2001) Intensely pleasurable responses to music correlate with activity in brain regions implicated in reward and emotion. *Proceedings of the National Academy of Sciences USA*, 98, 11818-11823.
- Boas, Franz (1889) On Alternating Sounds. *American Anthropologist*, 2(1), 47-54.
- Boeve, Bradley F.; and Geda, Yonas E. (2001) Polka music and semantic dementia. *Neurology*, 57, 1485-1485.
- Bogen, Joseph E.; and Bogen, Glenda M. (1976) Wernicke's region: Where is it? *Annals of the New York Academy of Sciences*, 280, 834-843.
- Bogen, Joseph E.; and Gordon, Harold W. (1970) Musical tests for functional lateralization with intracarotid amobarbital. *Nature*, 230, 524-525.
- Bolton, Thaddeus L. (1894) Rhythm. *American Journal of Psychology*, 6, 145-238.

Boly, Mélanie; Faymonville, Marie-Elisabeth; Peigneux, Philippe; Lambermont, Bernard; Damas, Pierre; Del Fiore, Guy; Degueldre, Christian; Franck, Georges; Luxen, André; Lamy, Maurice; Moonen, Gustave; Maquet, Pierre; and Laureys, Steven L. (2004) Auditory processing in severely brain injured patients: Differences between the minimally conscious state and the persistent vegetative state. *Archives of Neurology*, 61(2), 233-238.

Bossomaier, Terry; and Snyder, Allan W. (2004) Absolute pitch accessible to everyone by turning off part of the brain? *Organised Sound*, 9(2), 181-189.

Bowers, Kenneth S. (1967) The effect for demands of honesty upon reports of visual and auditory hallucinations. *International Journal of Clinical and Experimental Hypnosis*, 15, 31-36.

Brand, Antje; Behrend, Oliver; Marquardt, Torsten; McAlpine, David; and Grothe, Benedikt (2002) Precise inhibition is essential for microsecond interaural time difference coding. *Nature*, 417, 543-547.

Bregman, Albert S.; and Campbell, Jeffrey (1971) Primary auditory stream segregation and perception of order in rapid sequences of tones. *Journal of Experimental Psychology*, 89, 244-249.

Brugge, John F.; and Howard, Matthew A. (2002) Hearing. In: Vilayanur S. Ramachandran (ed.), *Encyclopedia of the Human Brain*, 429-448. New York: Academic Press.

Brungart, Douglas S.; Durlach, Nathaniel I.; and Rabinowitz, William M. (1999) Auditory localization of nearby sources. II. Localization of a broadband source. *Journal of the Acoustical Society of America*, 106, 1956-1968.

Brunswik, Egon (1956) *Perception and the Representative Design of Psychological Experiments*. Berkeley: University of California Press.

Brust, John C. (2001) Music and the neurologist: An historical perspective. *Annals of the New York Academy of Sciences*, 930, 143-152.

Busnel, René-Guy (ed.) (1963) *Acoustic Behavior of Animals*. Amsterdam: Elsevier.

Calvert, Gemma A.; Bullmore, Edward T.; Brammer, Michael J.; Campbell, Ruth; Williams, Steven C. R.; McGuire, Philip K.; Woodruff, Peter W. R.; Iversen, Susan D.; and David, Anthony S. (1997) Activation of auditory cortex during silent lipreading. *Science*, 276, 593-596.

Candia, Victor; Wienbruch, Christian; Elbert, Thomas; Rockstroh, Brigitte; and Ray, William J. (2003) Effective behavioral treatment of focal hand dystonia in musicians alters somatosensory cortical organization. *Proceedings of the National Academy of Sciences USA*, 100(13), 7942-7946.

Castles, Anne; and Coltheart, Max (2004) Is there a causal link from phonological awareness to success in learning to read? *Cognition*, 91, 77-111.

Chadwick, Paul; and Birchwood, Max (1994) The omnipotence of voices: A cognitive approach to auditory hallucinations. *British Journal of Psychiatry*, 164, 190-201.

Chen, Joyce L.; Zatorre, Robert J.; and Penhune, Virginia B. (2006) Interactions between auditory and dorsal premotor cortex during synchronization to musical rhythms. *Neuroimage*, 32, 1771-1781.

Cherry, E. Collin (1953) Some experiments on the recognition of speech with one and with two ears. *Journal of the Acoustical Society of America*, 25, 975-979.

Chorost, Michael (2005) My bionic quest for Bolero. *Wired*, 13.11(November), 144-159.

Chowdury, Syed A.; and Suga, Nobuo (2000) Reorganization of the frequency map of the auditory cortex evoked by cortical electrical stimulation in the big brown bat. *Journal of Neurophysiology*, 83, 1856-1863.

- Chuengsatiansup, Komatra (1999) Sense, symbol, and soma: Illness experience in the soundscape of everyday life. *Culture, Medicine, and Psychiatry*, 23(3), 273-301.
- Church, Barbara A.; and Schacter, Daniel L. (1994) Perceptual specificity of auditory priming: Implicit memory for voice intonation and fundamental frequency. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 20, 521-533.
- Cleghorn, John M.; Franco, Sheryl; Szechtman, Barbara; Brown, Gregory M.; Nahmias, Claude; and Garnett, E. Stephen (1992) Toward a brain map of auditory hallucinations. *American Journal of Psychiatry*, 149, 1062-1069.
- Clynes, Manfred (ed.) (1982) *Music, Mind and Brain*. New York: Plenum.
- Coady, Jeffrey A.; Kluender, Keith R.; and Rhode, William S. (2003) Effects of contrast between onsets of speech and other complex spectra. *Journal of the Acoustical Society of America*, 114, 2225-2235.
- Conrad, Rudi (1979) *The Deaf School Child: Language and Cognitive Functions*. London: Harper and Row.
- Cowles, Anne; Beatty, William W.; Nixon, Sara Jo; Lutz, Lanna J.; Paulk, Jason; Paulk, Kayla; and Ross, Elliot D. (2003) Musical skill in dementia: A violinist presumed to have Alzheimer's disease learns to play a new song. *Neurocase*, 9(6), 493-503.
- Cranston, Maurice (1983) *Jean-Jacques*. London: Allen Lane.
- Crawford, Helen J.; Macdonald, Hugh; and Hilgard, Ernest R. (1979) Hypnotic deafness - psychophysical study of responses to tone intensity as modified by hypnosis. *American Journal of Psychology*, 92, 193-214.
- Critchley, Macdonald (1937) Musicogenic epilepsy. *Brain*, 60, 13-27.
- Critchley, Macdonald; and Henson, Ronald A. (1977) *Music and the Brain: Studies in the Neurology of Music*. London: William Heinemann Medical.
- Czisch, Michael; Wetter, Thomas C.; Kaufmann, Christian; Pollmächer, Thomas; Holsboer, Florian; and Auer, Dorothy P. (2002) Altered processing of acoustic stimuli during sleep: Reduced auditory activation and visual deactivation detected by a combined fMRI-EEG study. *Neuroimage*, 16, 251-258.
- Darwin, Christopher J. (1984) Perceiving vowels in the presence of another sound: Constraints on formant perception. *Journal of the Acoustical Society of America*, 76, 1636-1647.
- David, Raymund R.; and Fernandez, Hubert H. (2000) Quetiapine for hypnagogic musical release hallucination. *Journal of Geriatric Psychiatry and Neurology*, 13(4), 210-211.
- Davis, Hallowell (ed.) (1947) *Hearing and Deafness*. New York: Murray Hill.
- DeCasper, Anthony J.; and Fifer, William P. (1980) Of human bonding: Newborns prefer their mother's voices. *Science*, 208, 1174-1176.
- DeCasper, Anthony J.; and Spence, Melanie J. (1986) Prenatal maternal speech influences newborns' perception of speech sounds. *Infant Behavior and Development*, 9, 133-150.
- DeCasper, Anthony J.; Lecanuet, Jean-Pierre; Busnel, Marie-Claire; Granier-Deferre, Carolyn; and Mangeais, Roselyne (1994) Fetal reactions to recurrent maternal speech. *Infant Behavior and Development*, 17, 159-164.
- Deliège, Irene (ed.) (1999) *Rhythms, Musical Narrative, and the Origins of Human Communication*. *Musicae Scientiae* (special issue). Liège: European Society for the Cognitive Sciences of Music.

Deutsch, Diana; Henthorn, Trevor; and Dolson, Mark (2004) Absolute pitch, speech, and tone language: Some experiments and a proposed framework. *Music Perception*, 21, 339-356.

Deutsch, Diana; Henthorn, Trevor; Marvin, Elizabeth; and Xu, Hongshuai (2006) Absolute pitch among American and Chinese conservatory students: Prevalence differences, and evidence for a speech-related critical period. *Journal of the Acoustical Society of America*, 119(2), 719-722.

Dierks, Thomas; Linden, David E. J.; Jandl, Martin; Formisano, Elia; Goebel, Rainer; Lanfermann, Heinrich; and Singer, Wolf (1999) Activation of Heschl's gyrus during auditory hallucinations. *Neuron*, 22(3), 615-621.

Donders, Frans C. (1870) *De physiologie der spraakklanken, in het bijzonder van die der Nederlandsche taal or Physiology of Speech Sounds, in particular those of the Dutch Language*. Utrecht.

Drummond, John C. (2000) Monitoring depth of anesthesia: With emphasis on the application of the bispectral index and the middle latency auditory evoked response to the prevention of recall. *Anesthesiology*, 93, 876-882.

Eco, Umberto (2005) *The Mysterious Flame of Queen Loana*. New York: Harcourt.

Evers, Stefan; and Suhr, Birgit (2000) Changes of the neurotransmitter serotonin but not of hormones during short time music perception. *European Archives of Psychiatry and Clinical Neuroscience*, 250, 144-147.

Fahn, Stanley; Hallett, Mark; and DeLong, Mahlon R. (ed.) (2004) *Dystonia 4: Advances in Neurology*, vol. 94. Philadelphia: Lippincott, Williams and Wilkins.

Feddersen, W. E.; Sandel, Thomas T.; Teas, D. C.; and Jeffress, Lloyd A. (1957) Localization of high frequency tones. *Journal of the Acoustical Society of America*, 29, 988-991.

Feld, Steven (1984) Sound structure as social structure. *Ethnomusicology*, 28(3), 383-408.

Fishman, Yonatan I.; Volkov, Igor O.; Noh, M. Daniel; Garell, P. Charles; Bakken, Hans; Arezzo, Joseph C.; Howard, Matthew A.; and Steinschneider, Mitchell (2001) Consonance and dissonance of musical chords: Neural correlates in auditory cortex of monkeys and humans. *Journal of Neurophysiology*, 86, 2761-2788.

Flege, James E.; Bohn, Ocke-Sven; and Jang, Sunyoung (1997) Effects of experience on non-native speakers' production and perception of English vowels. *Journal of Phonetics*, 25, 437-470.

Fletcher, Harvey (1940) Auditory patterns. *Reviews of Modern Physics*, 12, 47-65.

Fletcher, Harvey; and Galt, Rogers H. (1950) The perception of speech and its relation to telephony. *Journal of the Acoustical Society of America*, 22, 89-151.

Fornazzari, Luis; Castle, Tonya; Nadkarni, Shailesh; Ambrose, S. Marilyn; Miranda, Dielle; Apanasiewicz, Nina; and Phillips, Frances (2006) Preservation of episodic musical memory in a pianist with Alzheimer disease. *Neurology*, 66, 610-610.

Fowler, Carol A.; Best, Cathi T.; and McRoberts, Gerald W. (1990) Young infants' perception of liquid coarticulatory influences on following stop consonants. *Perception and Psychophysics*, 48, 559-570.

Friedmann, Imrich (1979) *The Human Ear*. Burlington, NC: Carolina Biological Supply.

Frith, Christopher D. (1996) The role of prefrontal cortex in self-consciousness: The case of auditory hallucinations. *Philosophical Transactions of the Royal Society of London B: Biological Sciences*, 351, 1505-1512.

- Frucht, Steven J. (2004) Focal task-specific dystonia in musicians. In: Stanley Fahn, Mark Hallett, and Mahlon R. DeLong (ed.), *Dystonia 4: Advances in Neurology*, vol. 94. Philadelphia: Lippincott, Williams and Wilkins.
- Frucht, Steven J.; Fahn, Stanley; Greene, Paul E.; O'Brien, Christopher; Gelb, Michael; Truong, Daniel D.; Welsh, John; Factor, Stewart; and Ford, Blair (2001) The natural history of embouchure dystonia. *Movement Disorders*, 16(5), 899-906.
- Fry, Hunter J.; and Hallett, Mark (1988) Focal dystonia (occupational cramp) masquerading as nerve entrapment or hysteria. *Plastic and Reconstructive Surgery*, 82, 908-910.
- Fujioka, Takako; Ross, Bernhard; Kakigi, Ryusuke; Pantev, Christo; and Trainor, Laurel J. (2006) One year of musical training affects development of auditory cortical-evoked fields in young children. *Brain*, 129, 2593-2608.
- Galambos, Robert; Makeig, Scott; and Talmachoff, Peter J. (1981) A 40-Hz auditory potential recorded from the human scalp. *Proceedings of the National Academy of Sciences USA*, 78, 2643-2647.
- Garraux, Gaëtan; Bauer, Andrew; Hanakawa, Takashi; Wu, Tao; Kansaku, Kenji; and Hallett, Mark (2004) Changes in brain anatomy in focal hand dystonia. *Annals of Neurology*, 55(5), 736-739.
- Gaser, Christian; and Schlaug, Gottfried (2003) Brain structures differ between musicians and non-musicians. *Journal of Neuroscience*, 23(27), 9240-9245.
- Geisler, C. Daniel (1990) *From Synapse to Sound*. New York: Oxford University Press.
- Geroldi, Cristina; Metitieri, Tiziana; Binettia, Giuliano; Zanetti, Orazio; Trabucchi, Marco; and Frisoni, Giovanni B. (2000) Pop music and frontotemporal dementia. *Neurology*, 55, 1935-1936.
- Gosselin, Nathalie; Samson, Séverine; Adolphs, Ralph A.; Noulhiane, Marion; Roy, Mathieu; Hasboun, Dominique; Baulac, Michel; and Peretz, Isabelle (2006) Emotional responses to unpleasant music correlates with damage to the parahippocampal cortex. *Brain*, 129, 2585-2592.
- Gottlieb, Gilbert; and Krasnegor, Norbert A. (ed.) (1985) *Measurement of Audition and Vision in the First Year of Postnatal Life: A Methodological Overview*. Norwood, NJ: Ablex.
- Gougoux, Frédéric; Lepore, Franco; Lassonde, Maryse; Voss, Patrice; Zatorre, Robert J.; and Belin, Pascal (2004) Pitch discrimination in the early blind. *Nature*, 430, 309-309.
- Goycoolea, Marcos V.; Goycoolea, Hortensia G.; Farfan, Corina R.; Rodriguez, Leonardo G.; Martinez, Gumaro C.; and Vidal, Ricardo (1986) Effect of life in industrial societies on hearing in natives of Easter Island. *Laryngoscope*, 96, 1391-1396.
- Graham, Kenneth R.; and Schwarz, L. M. (1973) Suggested deafness and auditory signal detectability. Paper presented at the annual meeting (August). Montreal: American Psychological Association.
- Green, David M. (1976) *An Introduction to Hearing*. Hillsdale, NJ: Erlbaum.
- Green, David M.; and Swets, John A. (1966) *Signal Detection Theory and Psychophysics*. New York: Wiley.
- Greenberg, Steven; and Ainsworth, William Anthony (ed.) (2005) *Listening to Speech: An Auditory Perspective*. Mahwah, NJ: Erlbaum.
- Griffiths, Timothy D. (2000) Musical hallucinosis in acquired deafness: Phenomenology and substrate. *Brain*, 123, 2065-2076.

- Griffiths, Timothy D.; Jennings, Amanda R.; and Warren, Jason D. (2006) Dystimbria: A distinct musical syndrome? In: Mario Baroni, Anna Rita Addessi, Roberto Caterina, and Marco Costa (ed.), Proceedings of the Ninth International Conference on Music Perception and Cognition, August 22-26. Bologna.
- Griffiths, Timothy D.; Warren, Jason D.; Dean, J. I.; and Howard, D. (2004) When the feeling's gone: A selective loss of musical emotion. *Journal of Neurology, Neurosurgery, and Psychiatry*, 75(2), 344-345.
- Groeger, John A. (1988) Qualitatively different effects of undetected and unidentified auditory primes. *Quarterly Journal of Experimental Psychology A: Human Experimental Psychology*, 40, 323-329.
- Haddock, Gillian; Slade, Peter D.; and Bentall, Richard P. (1995) Auditory hallucinations and the verbal transformation effect: The role of suggestions. *Personality and Individual Differences*, 19, 301-306.
- Halle, Morris; and Chomsky, Noam (1968) *Sound Pattern of English*. New York: Harper.
- Hallett, Mark (1998) The neurophysiology of dystonia. *Archives of Neurology*, 55, 601-603.
- Halpern, Andrea R.; and Zatorre, Robert J. (1999) When that tune runs through your head: A PET investigation of auditory imagery for familiar melodies. *Cerebral Cortex*, 9, 697-704.
- Hamilton, R. H.; Pascual-Leone, Alvaro; and Schlaug, Gottfried (2004) Absolute pitch in blind musicians. *NeuroReport*, 15(5), 803-806.
- Handel, Stephen (1989) *Listening: An Introduction to the Perception of Auditory Events*. Cambridge, MA: MIT Press.
- Handel, Stephen; and Oshinsky, James S. (1981) The meter of syncopated auditory polyrhythms. *Perception and Psychophysics*, 30, 1-9.
- Hannon, Erin E.; and Trehub, Sandra E. (2005) Tuning in to musical rhythms: Infants learn more readily than adults. *Proceedings of the National Academy of Sciences USA*, 102, 12639-12643.
- Heise, George A.; and Miller, George A. (1951) An experimental study of auditory patterns. *American Journal of Psychology*, 64, 68-77.
- Helmholtz, Hermann Ludwig Ferdinand von (1863/1964) *On the Sensations of Tone as a Physiological Basis for the Theory of Music*. New York: Dover.
- Henahan, Donal (1983) Did Shostakovich have a secret? *New York Times*, July 10(section, 2), 21-21.
- Hermelin, Beate; O'Connor, Neil; and Lee, S. (1987) Musical inventiveness of five idiot savants. *Psychological Medicine*, 17, 685-694.
- Hermesh, Haggai; Konas, Shai; Shiloh, Roni; Dar, Reuven; Marom, Sofi; Weizman, Abraham; and Gross-Isseroff, Ruth (2004) Musical hallucinations: Prevalence in psychotic and nonpsychotic outpatients. *Journal of Clinical Psychiatry*, 65(2), 191-197.
- Herz, Rachel S. (2004) A comparison of autobiographical memories triggered by olfactory, visual and auditory stimuli. *Chemical Senses*, 29, 217-224.
- Holender, Daniel (1986) Semantic activation without conscious identification in dichotic listening, parafoveal vision, and visual masking: A survey and appraisal. *Behavioral and Brain Sciences*, 9, 1-66.

Honig, Adriaan; Romme, Marius A. J.; Ensink, Bernadine J.; Escher, Sandra D. M. A. C.; Pennings, Monique H. A.; and DeVries, Maarten W. (1998) Auditory hallucinations: A comparison between patients and nonpatients. *Journal of Nervous and Mental Diseases*, 186, 646-651.

Howes, David; and Classen, Constance C. (1991) Conclusion: Sounding sensory profiles. In: David Howes (ed.), *The Varieties of Sensory Experience*. Toronto: University of Toronto Press.

Huber, Franz; and Thorson, John (1985) Cricket auditory communication. *Scientific American*, 253(6), 60-68.

Hunter, Michael D.; Griffiths, Timothy D.; Farrow, Tom F. D.; Zheng, Ying; Wilkinson, Iain D.; Hegde, Nakul; Woods, William; Spence, Sean A.; and Woodruff, Peter W. R. (2003) A neural basis for the perception of voices in external auditory space. *Brain*, 126(1), 161-169.

Huron, David (2006) *Sweet Anticipation: Music and the Psychology of Expectation*. Cambridge, MA: MIT Press, Bradford Books.

Hutchinson, Siobhan; Lee, Leslie Hui-Lin; Gaab, Nadine; and Schlaug, Gottfried (2003) Cerebellar volume of musicians. *Cerebral Cortex*, 13, 943-949.

Hyde, Krista; Zatorre, Robert J.; Griffiths, Timothy D.; Lerch, Jason P.; and Peretz, Isabelle (2006) Morphometry of the amusic brain: A two-site study. *Brain*, 129, 2562-2570.

Imai, Satomi; Flege, James E.; and Wayland, Rtree (2002) Perception of cross-language vowel differences: A longitudinal study of native Spanish learners of English. *Journal of the Acoustical Society of America*, 111, 2364-2364.

Iversen, John R.; Patel, Aniruddh D.; and Ohgushi, Kengo (2004) Perception of non-linguistic rhythmic stimuli by American and Japanese listeners. *Proceedings of the International Congress of Acoustics*, Kyoto.

Izumi, Yukio; Terao, Takeshi; Ishino, Yoichi; and Nakamura, Jun (2002) Differences in regional cerebral blood flow during musical and verbal hallucinations. *Psychiatry Research: Neuroimaging*, 116, 119-123.

Jackendoff, Ray; and Lerdahl, Fred (2006) The capacity for music: What is it, and what's special about it? *Cognition*, 100, 33-72.

Jackson, John Hughlings (1871) Singing by speechless (aphasic) children. *Lancet*, 1871(2), 430-431.

Jacome, Daniel E. (1984) Aphasia with elation, hypermusia, musicophilia and compulsive whistling. *Journal of Neurology, Neurosurgery, and Psychiatry*, 47, 308-310.

Johns, Louise C.; Rossell, Susan; Frith, Christopher D.; Ahmad, Farooq; Hemsley, David R.; Kuipers, Elizabeth; and McGuire, Philip K. (2001) Verbal self-monitoring and auditory hallucinations in people with schizophrenia. *Psychological Medicine*, 31, 705-715.

Jourdain, Robert (1997) *Music, the Brain, and Ecstasy: How Music Captures Our Imagination*. New York: Morrow.

Kaas, Jon H.; and Hackett, Troy A. (2000) Subdivisions of auditory cortex and processing streams in primates. *Proceedings of the National Academy of Sciences USA*, 97, 11793-11799.

Kapfer, Christoph; Seidl, Armin H.; Schweizer, Hermann; and Grothe, Benedikt (2002) Experience-dependent refinement of inhibitory inputs to auditory coincidence-detector neurons. *Nature Neuroscience*, 5, 247-253.



- Kisilevsky, Barbara S.; Hains, Sylvia M. J.; Lee, Kang; Xie, Xing; Huang, Hefeng; Ye, Hai Hui; Zhang, Ke; and Wang, Zengping (2003) Effects of experience on fetal voice recognition. *Psychological Science*, 14, 220-224.
- Kisilevsky, Barbara S.; Muir, Darwin W.; and Low, James A. (1992) Maturation of human fetal responses to vibroacoustic stimulation. *Child Development*, 63, 1497-158.
- Kistler, Doris J.; and Wightman, Frederic L. (1992) The dominant role of low-frequency interaural time differences in sound localization. *Journal of the Acoustical Society of America*, 91, 1648-1661.
- Kluender, Keith R.; and Jenison, Rick L. (1992) Effects of glide slope, noise intensity, and noise duration on the extrapolation of FM glides through noise. *Perception and Psychophysics*, 51, 231-238.
- Kluender, Keith R.; Diehl, Randy L.; and Killeen, Peter R. (1987) Japanese quail can learn phonetic categories. *Science*, 237, 1195-1197.
- Kluender, Keith R.; Lotto, Andrew J.; and Holt, Lori L. (2005) Contributions of nonhuman animal models to understanding human speech perception. In: Steven Greenberg and William Anthony Ainsworth (ed.), *Listening to Speech: An Auditory Perspective*, 203-220. Mahwah, NJ: Erlbaum.
- Kluender, Keith R.; Lotto, Andrew J.; Holt, Lori L.; and Bloedel, Suzi L. (1998) Role of experience for language-specific functional mapping of vowel sounds. *Journal of the Acoustical Society of America*, 104, 3596-3582.
- Klumpp, R. G.; and Eady, H. R. (1956) Some measurements of interaural time-difference thresholds. *Journal of the Acoustical Society of America*, 28, 859-860.
- Kohler, Evelyne; Keysers, Christian; Umiltà, M. Alessandra; Fogassi, Leonardo; Gallese, Vittorio; and Rizzolatti, Giacomo L. (2002) Hearing sounds, understanding actions: Action representation in mirror neurons. *Science*, 297, 846-848.
- Kraemer, David J. M.; Macrae, C. Neil; Green, Adam E.; and Kelley, William M. (2005) Sound of silence activates auditory cortex. *Nature*, 434, 158-158.
- Kuhl, Patricia K. (1981) Discrimination of speech by nonhuman animals: Basic sensitivities conducive to the perception of speech sound categories. *Journal of the Acoustical Society of America*, 70, 340-349.
- Kuhl, Patricia K.; and Miller, Joanne D. (1978) Speech perception by the chinchilla: Identification functions for synthetic VOT stimuli. *Journal of the Acoustical Society of America*, 63, 905-917.
- Kuhl, Patricia K.; Williams, Karen A.; Lacerda, Francisco J.; Stevens, Kenneth N.; and Lindblom, Björn (1992) Linguistic experience alters phonetic perception in infants six months of age. *Science*, 255, 606-608.
- Langers, Dave R. M.; van Dijk, Pim; and Backes, Walter H. (2005) Lateralization, connectivity and plasticity in the human central auditory system. *Neuroimage*, 28(2), 490-499.
- Laureys, Steven L.; Faymonville, Marie-Elisabeth; Degueldre, Christian; Del Fiore, Guy; Damas, Pierre; Lambermont, Bernard; Janssens, Nathalie; Aerts, Joel; Franck, Georges; Luxen, André; Moonen, Gustave; Lamy, Maurice; and Maquet, Pierre (2000) Auditory processing in the vegetative state. *Brain*, 123, 1589-1601.
- Laws, P. (1972) On the Problem of Distance Hearing and the Localization of Auditory Events inside the Head. Ph. D. dissertation. Aachen: Technische Hochschule.

- Lecanuet, Jean-Pierre; Granier-Deferre, Carolyn; Cohen, Henri; Le Houezec, R.; and Busnel, Marie-Claire (1986) Fetal responses to acoustic stimulation depend on heart rate variability pattern stimulus intensity and repetition. *Early Human Development*, 13, 269-283.
- Lederman, Richard J. (1999) Robert Schumann. *Seminars in Neurology*, 19(Suppl. 1), 17-24.
- Lenarz, Thomas (1997) Cochlear implants: What can be achieved. *American Journal of Otology*, 18(6), S2-S3.
- Levitin, Daniel J. (2006) *This Is Your Brain on Music*. New York: Dutton.
- Levitin, Daniel J.; and Bellugi, Ursula (1998) Musical ability in individuals with Williams' Syndrome. *Music Perception*, 15(4), 357-389.
- Levitin, Daniel J.; and Bellugi, Ursula (2006) Rhythm, timbre and hyperacusis in Williams-Beuren syndrome. In: Colleen Morris, Howard Lenhoff, and Paul Wang (ed.), *Williams-Beuren Syndrome: Research and Clinical Perspectives*, 343-358. Baltimore: Johns Hopkins University Press.
- Levitin, Daniel J.; and Cook, Perry R. (1996) Memory for musical tempo: Additional evidence that auditory memory is absolute. *Perception and Psychophysics*, 58, 927-935.
- Levitin, Daniel J.; and Rogers, Susan E. (2005) Absolute pitch: Perception, coding and controversies. *Trends in Cognitive Neurosciences*, 9(1), 26-33.
- Lewis, Joe L. (1970) Semantic processing of unattended messages using dichotic listening. *Journal of Experimental Psychology*, 85, 225-228.
- Liberman, Alvin M.; and Mattingly, Ignatius G. (1985) The motor theory of speech perception revised. *Cognition*, 21, 1-36.
- Liberman, Alvin M.; and Whalen, Douglas H. (2000) On the relation of speech to language. *Trends in Cognitive Sciences*, 4, 187-196.
- Liberman, Alvin M.; Cooper, Franklin S.; Shankweiler, Donald P.; and Kennedy, Michael Studdert (1967) Perception of the speech code. *Psychological Review*, 74, 431-461.
- Liebenthal, Einat; Binder, Jeffrey R.; Spitzer, Stephanie M.; Possing, Edward T.; and Medler, David A. (2005) Neural substrates of phonemic perception. *Cerebral Cortex*, 15(10), 162-163.
- Lieberman, Philip; Crelin, Edmund S.; and Klatt, Dennis H. (1972) Phonetic ability and related anatomy of the new-born, adult human, Neanderthal man, and the chimpanzee. *American Anthropologist*, 74, 287-307.
- Lisker, Leigh (1978) Rapid versus ravid: A catalogue of acoustical features that may cue the distinction. *Haskins Laboratory Status Report - Speech Research*, 54, 127-132.
- Lotto, Andrew J.; Kluender, Keith R.; and Holt, Lori L. (1997) Perceptual compensation for coarticulation by Japanese quail (*Coturnix coturnix japonica*). *Journal of the Acoustical Society of America*, 102, 1134-1140.
- Lu, Zhong-Lin; and Doshier, Barbara A. (1998) External noise distinguishes attention mechanisms. *Vision Research*, 38, 1183-1198.
- Luria, Aleksandr Romanovich; Tsvetkova, Lubov S.; and Futer, D. S. (1965) Aphasia in a composer. *Journal of Neurological Sciences*, 2, 288-292.
- Lynch, Michael P.; and Eilers, Rebecca E. (1990) Innateness, experience, and music perception. *Psychological Science*, 1, 272-276.
- Ma, Xiaofeng; and Suga, Nobuo (2003) Augmentation of plasticity of the central auditory system by the basal forebrain and/or somatosensory cortex. *Journal of Neurophysiology*, 89, 90-103.

- Ma, Xiaofeng; and Suga, Nobuo (2005) Long-term cortical plasticity evoked by electrical stimulation and acetylcholine applied to the auditory cortex. *Proceedings of the National Academy of Sciences USA*, 102(26), 9335-9340.
- Machover, Tod (2004) Shaping minds musically. *BT Technology Journal*, 22(4), 171-179.
- Maddieson, Ian (1984) *Patterns of Sound*. Cambridge, UK: Cambridge University Press.
- Madler, Christian; and Pöppel, Ernst (1987) Auditory evoked potentials indicate the loss of neuronal oscillations during general anaesthesia. *Naturwissenschaften*, 74, 42-43.
- Madler, Christian; Keller, I.; Schwender, Dierk; and Pöppel, Ernst (1991) Sensory information processing during general anaesthesia: Effect of isoflurane on auditory evoked neuronal oscillations. *British Journal of Anaesthesia*, 66, 81-87.
- Malloch, Stephen (1999) Mother and infants and communicative musicality. In: Irene Deliège (ed.), *Rhythms, Musical Narrative, and the Origins of Human Communication. Musicae Scientiae* (special issue), 29-57. Liège: European Society for the Cognitive Sciences of Music.
- McCulloch, Warren Sturgis; and Pitts, Walter H. (1947) How we know universals: The perception of visual and auditory forms. *Bulletin of Mathematical Biophysics*, 9, 127-147.
- McGuire, Philip K.; Silbersweig, David Alan; Wright, Ian C.; Murray, Robin M.; Frackowiak, Richard S. J.; and Frith, Christopher D. (1996) The neural correlates of inner speech and auditory verbal imagery in schizophrenia: Relationship to auditory verbal hallucinations. *British Journal of Psychiatry*, 169, 148-159.
- McGurk, Harry; and MacDonald, John (1976) Hearing lips and seeing voices. *Nature*, 264, 746-748.
- Mehler, Jacques; Jusczyk, Peter; Lambertz, Ghislaine; Halsted, Nilofar; Bertoncini, Josiane; and Amiel-Tison, Claudine (1988) A precursor of language acquisition in young infants. *Cognition*, 29, 143-178.
- Meijer, Peter B. L. (2001) Seeing with sound for the blind: Is it vision? VSPA Conference on Consciousness at the University of Amsterdam. Amsterdam.
- Meyer, Leonard (1961) *Emotion and Meaning in Music*. Chicago: University of Chicago Press.
- Merzenich, Michael M. (2000) Seeing in the sound zone. *Nature*, 404, 820-821.
- Micheyl, Christophe; Khalfa, Stephanie; Perrot, Xavier; and Collet, Lionel (1997) Difference in cochlear efferent activity between musicians and non-musicians. *NeuroReport*, 8, 1047-1050.
- Mishkin, Fred (2000) Functional correlates of musical and visual ability in frontotemporal dementia. *British Journal of Psychiatry*, 176, 458-463.
- Miller, George A.; and Heise, George A. (1950) The trill threshold. *Journal of the Acoustical Society of America*, 22, 637-638.
- Miller, Leon K. (1989) *Musical Savants: Exceptional Skill in the Mentally Retarded*. Hillsdale, NJ: Erlbaum.
- Miller, Timothy C.; and Crosby, T. W. (1979) Musical hallucinations in a deaf elderly patient. *Annals of Neurology*, 5, 301-302.
- Minsky, Marvin (1982) Music, mind and meaning. In: Manfred Clynes (ed.), *Music, Mind and Brain*, 1-20. New York: Plenum.
- Mithen, Steven (2005) *The Singing Neanderthals: The Origins of Music, Language, Mind and Body*. London: Weidenfeld and Nicolson.

- Moore, Brian C. J. (2003) *An Introduction to the Psychology of Hearing*, 5th edn. London: Academic Press.
- Morris, Colleen; Lenhoff, Howard; and Wang, Paul (ed.) (2006) *Williams-Beuren Syndrome: Research and Clinical Perspectives*. Baltimore: Johns Hopkins University Press.
- Mozaz Garde, M.; and Cowey, Alan (2000) 'Deaf hearing': Unacknowledged detection of auditory stimuli in a patient with cerebral deafness. *Cortex*, 36, 71-80.
- Nagarajan, Srikantan; Mahncke, Henry; Salz, Talya; Tallal, Paula; Roberts, Timothy; and Merzenich, Michael M. (1999) Cortical auditory signal processing in poor readers. *Proceedings of the National Academy of Sciences USA*, 96, 6483-6488.
- Nash, Michael R.; Lynn, Steven Jay; Stanley, Scott; and Carlson, Victor (1987) Subjectively complete hypnotic deafness and auditory priming. *International Journal of Clinical and Experimental Hypnosis*, 35, 32-40.
- Nordoff, Paul; and Robbins, Clive (1971) *Therapy in Music for Handicapped Children*. London: Gollancz.
- Noreña, Amaud J.; and Eggermont, Jos J. (2005) Enriched acoustic environment after noise trauma reduces hearing loss and prevents cortical map reorganization. *Journal of Neuroscience*, 25(3), 699-705.
- Ockelford, Adam (2007) *In the Key of Genius: The Extraordinary Life of Derek Paravicini*. London: Hutchinson.
- Ockelford, Adam; Pring, Linda; Welch, Graham; and Treffert, Darold (2006) *Focus on Music: Exploring the Musical Interests and Abilities of Blind and Partially Sighted Children and Young People with Septo-Optic Dysplasia*. London: Institute of Education.
- Oestreich, James R. (2004) Music: The shushing of the symphony. *New York Times*, January 11, ART1-ART1.
- Ojima, Hisayuki (1994) Terminal morphology and distribution of corticothalamic fibers originating from layers, 5 and 6 of cat primary auditory cortex. *Cerebral Cortex*, 4, 646-663.
- Pallas, Sarah L.; and Sur, Mriganka (1993) Visual projections induced into the auditory pathway of ferrets: II. Corticocortical connections of primary auditory cortex. *Journal of Comparative Neurology*, 337(2), 317-333.
- Pascual-Leone, Alvaro (2003) The brain that makes music and is changed by it. In: Isabelle Peretz and Robert J. Zatorre (ed.), *The Cognitive Neuroscience of Music*, 396-409. Oxford: Oxford University Press.
- Patel, Aniruddh D. (2006) Musical rhythm, linguistic rhythm, and human evolution. *Music Perception*, 24(1), 99-104.
- Patel, Aniruddh D. (2007) *Music, Language, and the Brain*. New York: Oxford University Press.
- Patel, Aniruddh D.; and Balaban, Evan (2000) Temporal patterns of human cortical activity reflect tone sequence structure. *Nature*, 404, 80-83.
- Patel, Aniruddh D.; and Iversen, John R. (2006) A non-human animal can drum a steady beat on a musical instrument. In: Mario Baroni, Anna Rita Addessi, Roberto Caterina, and Marco Costa (ed.), *Proceedings of the Ninth International Conference on Music Perception and Cognition*, Bologna, Italy.

- Patel, Aniruddh D.; Foxton, J. M.; and Griffiths, Timothy D. (2007) Musically tone-deaf individuals have difficulty discriminating intonation contours extracted from speech. *Brain and Cognition*, 59, 310-313.
- Patel, Aniruddh D.; Iversen, John R.; and Rosenberg, Jason C. (2006) Comparing the rhythm and melody of speech and music: The case of British, English and French. *Journal of the Acoustical Society of America*, 119(5), 3034-3047.
- Patel, Aniruddh D.; Iversen, John R.; Chen, Yanqing; and Repp, Bruno H. (2005) The influence of metricality and modality on synchronization with a beat. *Experimental Brain Research*, 163, 226-238.
- Paulescu, Eraldo; Harrison, John E.; Baron-Cohen, Simon; Watson, John D. G.; Goldstein, Lawrence I.; Heather, Jon D.; Frackowiak, Richard S. J.; and Frith, Christopher D. (1995) The physiology of coloured hearing: A PET activation study of colour-word synesthesia. *Brain*, 118, 661-676.
- Paus, Tomás; Zatorre, Robert J.; Hofle, Nina; Caramanos, Zografos; Gotman, Jean; Petrides, Michael; and Evans, Alan C. (1997) Time-related changes in neural systems underlying attention and arousal during the performance of an auditory vigilance task. *Journal of Cognitive Neuroscience*, 9, 392-408.
- Penfield, Wilder Graves; and Perot, Phanor (1963) The brain's record of auditory and visual experience: A final summary and discussion. *Brain*, 86, 595-696.
- Peretz, Isabelle; and Cagnon, I. (1999) Dissociation between recognition and emotional judgement for melodies. *Neurocase*, 5, 21-30.
- Peretz, Isabelle; and Zatorre, Robert J. (2005) Brain organization for music processing. *Annual Review of Psychology*, 56, 89-114.
- Peretz, Isabelle; and Zatorre, Robert J. (ed.) (2003) *The Cognitive Neuroscience of Music*. Oxford: Oxford University Press.
- Perez-Gonzalez, David; Malmierca, Manuel S.; and Covey, Ellen (2005) Novelty detector neurons in the mammalian auditory midbrain. *European Journal of Neuroscience*, 22(11), 2879-2885.
- Perlman, Marc; and Krumhansl, Carol L. (1996) An experimental study of internal interval standards in Javanese and Western musicians. *Music Perception*, 14, 95-116.
- Piccirilli, Massimo; Scianna, Tiziana; and Luzzi, Simona (2000) Modularity of music: Evidence from a case of pure amusia. *Journal of Neurology, Neurosurgery, and Psychiatry*, 69, 541-545.
- Pignatiello, Michael F.; Camp, Cameron J.; and Rasar, Lee A. (1986) Musical mood induction: An alternative to the Velten technique. *Journal of Abnormal Psychology*, 95, 295-297.
- Plomp, Reinier (1976) *Aspects of Tone Sensation - A Psychophysical Study*. New York: Academic Press.
- Plourde, Gilles; Baribeau, J.; and Bonhomme, Vincent (1997) Ketamine increases the amplitude of the 40-Hz auditory steady-state response in humans. *British Journal of Anaesthesia*, 78, 524-529.
- Polley, Daniel B.; Steinberg, Elizabeth E.; and Merzenich, Michael M. (2006) Perceptual learning directs auditory cortical map reorganization through top-down influences. *Journal of Neuroscience*, 26, 4970-4982.
- Portas, Chiara M.; Krakow, Karsten; Allen, Phillip; Josephs, Oliver; Armony, Jorge L.; and Frith, Christopher D. (2000) Auditory processing across the sleep-wake mode: Simultaneous EEG and fMRI monitoring in humans. *Neuron*, 28(3), 991-999.

Poskanzer, David C.; Brown, Arthur E.; and Miller, Henry (1962) Musicogenic epilepsy caused only by a discrete frequency band of church bells. *Brain*, 85, 77-92.

Ramachandran, Vilayanur S.; and Hubbard, Edward M. (2003) Hearing colors and tasting shapes. *Scientific American*, 288, 52-59.

Ramsdell, Donald A. (1947) The psychology of the hard-of-hearing and the deafened adult. In: Hallowell Davis (ed.), *Hearing and Deafness*. New York: Murray Hill.

Rangell, Leo (2006) Music in the head: Living at the brain-mind border. *Huffington Post*, September 12. [www.huffingtonpost.com/dr-leo-rangellj](http://www.huffingtonpost.com/dr-leo-rangellj).

Rasch, Rudolf A. (1978) The perception of simultaneous notes such as in polyphonic music. *Acoustica*, 40, 1-72.

Rees, Geraint; and Velmans, Max (1993) The effects of frequency transposition on the untrained auditory discrimination of congenitally deaf students. *British Journal of Audiology*, 27, 53-60.

Révész, Geza (1925/1970) *The Psychology of a Musical Prodigy*. Freeport, NY: Greenwood Press.

Rhode, William S.; and Cooper, N. P. (1993) Two-tone suppression and distortion production on the basilar membrane in the hook region of the cat and guinea pig cochleae. *Hearing Research*, 66, 31-45.

Roe, Anna W.; Pallas, Sarah L.; Hahm, Jong-On; and Sur, Mriganka (1990) A map of visual space induced in primary auditory cortex. *Science*, 250(4982), 818-820.

Roe, Anna W.; Pallas, Sarah L.; Kwon, Young H.; and Sur, Mriganka (1992) Visual projections routed to the auditory pathway in ferrets. *Journal of Neuroscience*, 12(9), 3651-3664.

Rohrer, Jonathan D.; Smith, Shelagh J.; and Warren, Jason D. (2006) Craving for music after treatment of partial epilepsy. *Epilepsia*, 47(5), 939-940.

Rorem, Ned (2006) *Facing the Night: A Diary (1999-2005) and Musical Writings*. New York: Shoemaker and Hoard.

Ross, Elliot D.; Jossman, Paul B.; Bell, Benjamin; Sabin, Thomas; and Geschwind, Norman (1975) Musical hallucinations in deafness. *Journal of the American Medical Association (JAMA)* 231(6), 620-622.

Russell, Stephen M.; and Golfinos, John G. (2003) Amusia following resection of a Heschl gyrus glioma. *Journal of Neurosurgery*, 98, 1109-1112.

Sacks, Oliver (1985) *The Man Who Mistook His Wife for a Hat*. New York: Harper and Row.

Sacks, Oliver (1995) *An Anthropologist on Mars: Seven Paradoxical Tales*. New York: Knopf.

Sacks, Oliver (1998) Music and the brain. In: Concetta M. Tomaino (ed.), *Clinical Applications of Music in Neurologic Rehabilitation*, 1-18. St. Louis: MMB Music.

Sacks, Oliver (2000) *Seeing Voices*. New York: Vintage.

Sacks, Oliver (2006) The power of music. *Brain*, 129, 2528-2532.

Saffran, Jenny R. (2001) Words in a sea of sounds: The output of statistical learning. *Cognition*, 81, 149-169.

Saffran, Jenny R. (2002) Constraints on statistical language learning. *Journal of Memory and Language*, 47, 172-196.

Saffran, Jenny R.; and Griepentrog, Gregory J. (2001) Absolute pitch in infant auditory learning: Evidence for developmental reorganization. *Developmental Psychology*, 37(1), 74-85.

- Saffran, Jenny R.; Aslin, Richard N.; and Newport, Elissa L. (1996) Statistical learning by 8-month-old infants. *Science*, 274, 1926-1928.
- Saffran, Jenny R.; Johnson, Elizabeth K.; Aslin, Richard N.; and Newport, Elissa L. (1999) Statistical learning of tone sequences by human infants and adults. *Cognition*, 70, 27-52.
- Saffran, Jenny R.; Loman, Michelle M.; and Robertson, Rachel R. W. (2000) Infant memory for musical experiences. *Cognition*, 77, B15-B23.
- Sasaki, Takayuki (1980) Sound restoration and temporal localization of noise in speech and music sounds. *Tohoku Psychological Folia*, 39, 79-88.
- Sato, Masayasu; Ogawa, Hisashi; and Yamashita, Satoru (1975) Response properties of macaque monkey chorda tympani fibers. *Journal of General Physiology*, 66, 781-810.
- Saul, Leon Joseph; and Davis, Hallowell (1932) Action currents in the central nervous system. 1. Action currents of the auditory tracts. *Archives of Neurology and Psychiatry*, 28, 1104-1116.
- Scheibe, Karl E.; Gray, Arne L.; and Keim, C. Stephen (1968) Hypnotically induced deafness and delayed auditory feedback: A comparison of real and simulating subjects. *International Journal of Clinical and Experimental Hypnosis*, 16, 158-164.
- Schellenberg, E. Glenn (2003) Does exposure to music have beneficial side effects? In: Isabelle Peretz and Robert J. Zatorre (ed.), *The Cognitive Neuroscience of Music*, 430-448. Oxford: Oxford University Press.
- Schlaug, Gottfried; Jäncke, Lutz; Huang, Yanxiong; and Steinmetz, Helmuth (1995) In vivo evidence of structural brain asymmetry in musicians. *Science*, 267, 699-701.
- Schlaug, Gottfried; Jäncke, Lutz; Huang, Yanxiong; Staiger, Jochen F.; and Steinmetz, Helmuth (1995) Increased corpus callosum size in musicians. *Neuropsychologia*, 33(8), 1047-1055.
- Schlaug, Gottfried; Norton, Andrea; Ozdemir, Elif; and Helm-Estabrooks, Nancy (2006) Long-term behavioral and brain effects of melodic intonation therapy in patients with Broca's aphasia. *Neuroimage*, 31(Suppl. 1), 37-37.
- Schooneveldt, Gregory P.; and Moore, Brian C. J. (1989) Comodulation masking release (CMR) as a function of masker bandwidth, modulator bandwidth, and signal duration. *Journal of the Acoustical Society of America*, 85, 273-281.
- Scott, Sophie K.; Blank, C. Catrin; Rosen, Stuart; and Wise, Richard J. S. (2000) Identification of a pathway for intelligible speech in the left temporal lobe. *Brain*, 123, 2400-2406.
- Seligman, Adam; and Hilkevich, John (ed.) (1992) *Don't Think About Monkeys*, 173-182. Duarte, CA: Hope Press.
- Sforza, Teri; Lenhoff, Howard; and Lenhoff, Sylvia (2006) *The Strangest Song*. Amherst, NY: Prometheus Books.
- Sharma, Jitendra; Angelucci, Alessandra; and Sur, Mriganka (2000) Induction of visual orientation modules in auditory cortex. *Nature*, 404(6780), 841-847.
- Sheehy, Michael P.; and Marsden, C. David (1982) Writer's cramp - a focal dystonia. *Brain*, 105, 461-480.
- Shepard, Roger N. (1964) Circularity in Judgements of Relative Pitch. *Journal of the Acoustical Society of America*, 36 (12), 2346-2353.
- Simkin, Benjamin (1992) Mozart's scatological disorder. *British Medical Journal*, 305, 1563-1567.
- Sloboda, John A. (1999) Music: Where cognition and emotion meet. *Psychologist*, 12, 450-455.

- Smith, Daniel B. (2007) *Muses, Madmen, and Prophets: Rethinking the History, Science, and Meaning of Auditory Hallucinations*. New York: Penguin.
- Smith, J. David; Kemler-Nelson, Deborah G.; Grohskopf, Lisa A.; and Appleton, Terry (1994) What child is this? What interval was that? Familiar tunes and music perception in novice listeners. *Cognition*, 52, 23-54.
- Sobel, Eric S.; and Tank, David W. (1994) In vivo Ca<sup>2+</sup> dynamics in a cricket auditory neuron: An example of chemical computation. *Science*, 263, 823-826.
- Sollberger, Bernhard; Reber, Rolf; and Eckstein, Doris (2003) Musical chords as affective priming context in a word-evaluation task. *Music Perception*, 20, 263-283.
- Sotavalta, Olavi (1963) The flight sounds of insects. In: René-Guy Busnel (ed.), *Acoustic Behavior of Animals*, 374-389. Amsterdam: Elsevier.
- Spanos, Nicholas P.; and Barber, Theodore X. (1968) "Hypnotic" experiences as inferred from auditory and visual hallucinations. *Journal of Experimental Research in Personality*, 3, 136-150.
- Sparr, Steven A. (2002) Receptive amelodia in a trained musician. *Neurology*, 59, 1659-1660.
- Spelke, Elizabeth S. (1985) Preferential looking methods as tools for the study of cognition in infancy. In: Gilbert Gottlieb and Norbert A. Krasnegor (ed.), *Measurement of Audition and Vision in the First Year of Postnatal Life: A Methodological Overview*. Norwood, NJ: Ablex.
- Spence, Sean A.; and David, Anthony S. (2004) *Voices in the Brain: The Cognitive Neuropsychiatry of Auditory and Verbal Hallucinations*. New York: Psychology Press.
- Spinelli, D. Nico; Pribram, Karl H.; and Weingarten, Michael (1965) Centrifugal optic nerve responses evoked by auditory and somatic stimulation. *Experimental Neurology*, 12, 303-318.
- Stern, Daniel N. (2004) *Fabrikant's Way*. In: *A Little Street Music*. Huntsville, TX: Texas Review Press.
- Stevens, Stanley Smith (1959) Cross-modality validation of subjective scales for loudness, vibration, and electric shock. *Journal of Experimental Psychology*, 57, 201-209.
- Stoller, Paul (1984) Sound in Songhay cultural experience. *American Ethnologist*, 11(3), 559-570.
- Stumpf, Carl (1883 and 1890) *Tonpsychologie or Psychology of Sound*. Leipzig: Hirzel.
- Suga, Nobuo; and Gao, Enquan (2000) Experience-dependent plasticity in the auditory cortex and the inferior colliculus of bats: Role of the cortico-fugal system. *Proceedings of the National Academy of Sciences USA*, 97, 8081-8086.
- Suga, Nobuo; Gao, Enquan; Zhang, Yunfeng; Ma, Xiaofeng; and Olsen, John F. (2000) The corticofugal system for hearing: Recent progress. *Proceedings of the National Academy of Sciences USA*, 97(22), 11807-11814.
- Sugita, Yoichi (1997) Neuronal correlates of auditory induction in the cat cortex. *NeuroReport*, 8, 1155-1159.
- Summerfield, Arthur Quentin; Foster, John; Gray, Stuart; and Haggard, Mark (1984) Perceiving vowels from uniform spectra: Phonetic exploration of an auditory aftereffect. *Perception and Psychophysics*, 35, 203-213.
- Swain, Irina U.; Zelazo, Philip R.; and Clifton, Rachel K. (1993) Newborn infants' memory for speech sounds retained over 24 hours. *Developmental Psychology*, 29, 312-323.



- Szechtman, Henry; Woody, Erik Z.; Bowers, Kenneth S.; and Nahmias, Claude (1998) Where the imaginal appears real: A positron emission tomography study of auditory hallucination. *Proceedings of the National Academy of Sciences USA*, 95, 1956-1960.
- Thaut, Michael H. (2005) *Rhythm, Music, and the Brain: Scientific Foundations and Clinical Applications*. New York: Routledge.
- Tomaino, Concetta (ed.) (1998) *Clinical Applications of Music in Neurologic Rehabilitation*. St. Louis: MMB Music.
- Tramo, Mark Jude; Cariani, Peter A.; Delgutte, Bertrand; and Braidă, Louis D. (2001) Neurobiological foundations for the theory of harmony in western tonal music. *Annals of the New York Academy of Sciences*, 930, 92-116.
- Treisman, Anne M. (1960) Contextual cues in selective listening. *Quarterly Journal of Experimental Psychology*, 12, 242-248.
- Tubiana, Raoul; and Amadio, Peter C. (ed.) (2000) *Medical Problems of the Instrumentalist Musician*. London: Martin Dunitz.
- van Noorden, Leon P. A. S. (1975) *Temporal Coherence in the Perception of Tone Sequences*. Ph.D. Dissertation. Eindhoven, Netherlands: Technical University.
- Van Riswick, Jos G. A.; Van Opstal, A. John; and Hofman, Paul M. (1998) Relearning sound localization with new ears. *Nature Neuroscience*, 1, 417-421.
- Velmans, Max; Marcuson, Merle; Grant, J.; Kwiatkowski, Richard; and Rees, Geraint (1988) The use of frequency transposition in the language acquisition of sensory-neural deaf children. Report on Grant No. G8319832N. London: Medical Research Council.
- von Melcher, L.; Pallas, Sarah L.; and Sur, Mriganka (2000) Visual behaviour mediated by retinal projections directed to the auditory pathway. *Nature*, 404(6780), 871-876.
- Wallach, Hans (1940) The role of head movements and vestibular and visual clues in sound localization. *Journal of Experimental Psychology*, 27, 339-368.
- Ward, W. Dixon (1954) Subjective musical pitch. *Journal of the Acoustical Society of America*, 26, 369-380.
- Warner, Nick; and Aziz, Victor (2005) Hymns and arias: Musical hallucinations in older people in Wales. *International Journal of Geriatric Psychiatry*, 20, 658-660.
- Warren, Jason D.; Warren, Jane E.; Fox, Nick C.; and Warrington, Elizabeth K. (2003) Nothing to say, something to sing: Primary progressive dynamic aphasia. *Neurocase*, 9(2), 140-145.
- Warren, Richard M. (1984) Perceptual restoration of obliterated sounds. *Psychological Bulletin*, 96, 371-385.
- Warren, Richard M.; and Obusek, Charles J. (1971) Speech perception and phonemic restorations. *Perception and Psychophysics*, 9, 358-362.
- Warren, Richard M.; and Sherman, G. L. (1974) Phonemic restorations based on subsequent context. *Perception and Psychophysics*, 16, 150-156.
- Warren, William H. Jr.; and Verbrugge, Robert R. (1984) Auditory perception of breaking and bouncing events: A case study in ecological acoustics. *Journal of Experimental Psychology: Human Perception and Performance*, 10, 704-712.
- Wearing, Deborah (2005) *Forever Today: A Memoir of Love and Amnesia*. London: Doubleday.

- Weber, Ernst Heinrich (1820) *De aure et auditu hominis et animalium* or On vision and hearing in humans and animals. Leipzig.
- Weber, Ernst Heinrich (1834) *De pulsu, resorptione, auditu et tactu. Annotationes anatomicae et physiologicae* or Pulse, resorption, audition and touch. Anatomical and physiological notes. Leipzig: Koehler.
- Werker, Janet F.; and Tees, Richard C. (1984) Phonemic and phonetic factors in adult cross-language speech perception. *Journal of the Acoustical Society of America*, 75, 1866-1878.
- Wessel, David L. (1979) Timbre space as a musical control structure. *Computer Music Journal*, 3, 45-52.
- Wever, Ernest Glen (1949) *Theory of Hearing*. New York: Wiley.
- Wightman, Frederic L.; and Jenison, Rick L. (1995) Auditory spatial layout. In: William Epstein and Sheena Rogers (ed.), *Perception of Space and Motion*, 365-400. San Diego: Academic Press.
- Wightman, Frederic L.; and Kistler, Doris J. (1998) Of Vulcan ears, human ears and "earprints." *Nature Neuroscience*, 1, 337-339.
- Wilson, Barbara A.; Baddeley, Alan D.; and Kapur, Narinder (1995) Dense amnesia in a professional musician following herpes simplex virus encephalitis. *Journal of Clinical and Experimental Neuropsychology*, 17(5), 668-681.
- Wilson, Frank R. (2000) Current controversies on the origin, diagnosis and management of focal dystonia. In: Raoul Tubiana and Peter C. Amadio (ed.), *Medical Problems of the Instrumentalist Musician*, 311-327. London: Martin Dunitz.
- Woodrow, Herbert (1909) A quantitative study of rhythm. *Archives of Psychology*, 14, 1-66.
- Woodruff, Peter W. R. (2004) Auditory hallucinations: Insights and questions from neuroimaging. *Cognitive Neuropsychiatry*, 9, 73-91.
- Yin, Thomas C. T.; and Chan, Joseph C. L. (1990) Interaural time sensitivity in medial superior olive of cat. *Journal of Neurophysiology*, 65, 465-488.
- Zadra, Antonio L.; Nielsen, Tore A.; and Donderi, Donald C. (1998) Prevalence of auditory, olfactory, and gustatory differences in home dreams. *Perceptual and Motor Skills*, 87, 819-826.
- Zahorik, Pavel (2002) Assessing auditory distance perception using virtual acoustics. *Journal of the Acoustical Society of America*, 111, 1832-1846.
- Zatorre, Robert J. (2001) Do you see what I'm saying? Interactions between auditory and visual cortices in cochlear implant users. *Neuron*, 31, 13-14.
- Zatorre, Robert J.; and Binder, Jeffrey R. (2000) Functional and structural imaging of the human auditory system. In: Arthur W. Toga and John C. Mazziotta (ed.), *Brain Mapping: The Systems*, 365-402. San Diego: Academic Press.
- Zatorre, Robert J.; and Halpern, Andrea R. (2005) Mental concerts: Musical imagery and auditory cortex. *Neuron*, 47, 9-12.
- Zatorre, Robert J.; Halpern, Andrea R.; Perry, David W.; Meyer, Ernst; and Evans, Alan C. (1996) Hearing in the mind's ear: A PET investigation of musical imagery and perception. *Journal of Cognitive Neuroscience*, 8, 29-46.
- Zuckerkandl, Victor (1956) *Sound and Symbol. Music and the External World*. Princeton: Princeton University Press.

**Note:** The Consciousness Bibliography of 10,000 books and articles, with full journal and author names, is available in text and PDF file formats at [http://www.outline-of-knowledge.info/Consciousness\\_Bibliography/index.html](http://www.outline-of-knowledge.info/Consciousness_Bibliography/index.html).