Niels Chr Hansen

List of Publications by Year
in descending order

26	562	840119 11	713013 21
papers	citations	h-index	g-index

37	37	37	377
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Predictive uncertainty in auditory sequence processing. Frontiers in Psychology, 2014, 5, 1052.	1.1	125
2	Commentary: Predictions and the brain: how musical sounds become rewarding. Frontiers in Human Neuroscience, 2017, 11, 168.	1.0	47
3	Reduced prediction error responses in high-as compared to low-uncertainty musical contexts. Cortex, 2019, 120, 181-200.	1.1	42
4	Oxytocin improves synchronisation in leader-follower interaction. Scientific Reports, 2016, 6, 38416.	1.6	41
5	"If You Have to Ask, You'll Never Know": Effects of Specialised Stylistic Expertise on Predictive Processing of Music. PLoS ONE, 2016, 11, e0163584.	1.1	36
6	Viral tunes: changes in musical behaviours and interest in coronamusic predict socio-emotional coping during COVID-19 lockdown. Humanities and Social Sciences Communications, 2021, 8, .	1.3	31
7	Decomposing neural responses to melodic surprise in musicians and non-musicians: Evidence for a hierarchy of predictions in the auditory system. NeuroImage, 2020, 215, 116816.	2.1	28
8	Personality influences career choice: sensation seeking in professional musicians. Music Education Research, 2010, 12, 219-230.	0.8	26
9	Musical prediction error responses similarly reduced by predictive uncertainty in musicians and nonâ€musicians. European Journal of Neuroscience, 2020, 51, 2250-2269.	1.2	25
10	Dissociating Prediction Failure: Considerations from Music Perception. Journal of Neuroscience, 2016, 36, 3103-3105.	1.7	19
11	Perceptual learning of tone patterns changes the effective connectivity between Heschl's gyrus and planum temporale. Human Brain Mapping, 2021, 42, 941-952.	1.9	18
12	A Crowd-Sourced Database of Coronamusic: Documenting Online Making and Sharing of Music During the COVID-19 Pandemic. Frontiers in Psychology, 2021, 12, 684083.	1.1	15
13	Musicianship and melodic predictability enhance neural gain in auditory cortex during pitch deviance detection. Human Brain Mapping, 2021, 42, 5595-5608.	1.9	11
14	Audiovisual structural connectivity in musicians and non-musicians: a cortical thickness and diffusion tensor imaging study. Scientific Reports, 2021, 11, 4324.	1.6	10
15	Predictive Uncertainty Underlies Auditory Boundary Perception. Psychological Science, 2021, 32, 1416-1425.	1.8	10
16	Nonlinear Changes in the Rhythm of European Art Music. Music Perception, 2016, 33, 414-431.	0.5	10
17	Enjoying sad music: A test of the prolactin theory. Musicae Scientiae, 2021, 25, 429-448.	2.2	9
18	A Theory of Instrument-Specific Absolute Pitch. Frontiers in Psychology, 2020, 11, 560877.	1.1	9

#	Article	IF	Citations
19	Editorial: Social Convergence in Times of Spatial Distancing: The Role of Music During the COVID-19 Pandemic. Frontiers in Psychology, 2022, 13, .	1.1	9
20	Visually induced gains in pitch discrimination: Linking audio-visual processing with auditory abilities. Attention, Perception, and Psychophysics, 2018, 80, 999-1010.	0.7	8
21	Oxytocin as an allostatic agent in the social bonding effects of music. Behavioral and Brain Sciences, 2021, 44, e75.	0.4	3
22	The Lone Instrument. Music Perception, 2018, 35, 540-560.	0.5	2
23	Twirling Triplets: The Qualia of Rotation and Musical Rhythm. Music & Science, 2019, 2, 205920431881224.	0.6	1
24	Articulatory motor planning and timbral idiosyncrasies as underlying mechanisms of instrument-specific absolute pitch in expert musicians. PLoS ONE, 2021, 16, e0247136.	1.1	1
25	A Call for Hypothesis-Driven, Multi-Level Analysis in Research on Emotional Word Painting in Music: Commentary on Sun & Cuthbert (2018). Empirical Musicology Review, 2019, 13, 158.	0.2	0
26	The Expectancy Dynamics of Anti-Tonal Twelve-Tone Rows: A Commentary and Reanalysis of von Hippel & Huron (2020). Empirical Musicology Review, 2020, 15, 128.	0.2	0