

Severine Samson

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

4,437
citations

87888

38
h-index

114465

63
g-index

106
all docs

106
docs citations

106
times ranked

4213
citing authors

#	ARTICLE	IF	CITATIONS
1	ROLE OF THE RIGHT TEMPORAL NEOCORTEX IN RETENTION OF PITCH IN AUDITORY SHORT-TERM MEMORY. <i>Brain</i> , 1991, 114, 2403-2417.	7.6	250
2	How emotional auditory stimuli modulate time perception.. <i>Emotion</i> , 2007, 7, 697-704.	1.8	246
3	Structural connectivity differences in left and right temporal lobe epilepsy. <i>NeuroImage</i> , 2014, 100, 135-144.	4.2	184
4	Impaired recognition of scary music following unilateral temporal lobe excision. <i>Brain</i> , 2005, 128, 628-640.	7.6	149
5	Emotional responses to unpleasant music correlates with damage to the parahippocampal cortex. <i>Brain</i> , 2006, 129, 2585-2592.	7.6	147
6	Memory for Music in Alzheimer's Disease: Unforgettable?. <i>Neuropsychology Review</i> , 2009, 19, 85-101.	4.9	142
7	Productive and perceptive language reorganization in temporal lobe epilepsy. <i>NeuroImage</i> , 2005, 24, 841-851.	4.2	137
8	Indications and expectations for neuropsychological assessment in routine epilepsy care: Report of the ILAE Neuropsychology Task Force, Diagnostic Methods Commission, 2013-2017. <i>Epilepsia</i> , 2015, 56, 674-681.	5.1	130
9	Contribution of the right temporal lobe to musical timbre discrimination. <i>Neuropsychologia</i> , 1994, 32, 231-240.	1.6	118
10	Autobiographical memory after temporal lobe resection: neuropsychological and MRI volumetric findings. <i>Brain</i> , 2007, 130, 3184-3199.	7.6	105
11	The neuroanatomical substrate of sound duration discrimination. <i>Neuropsychologia</i> , 2002, 40, 1956-1964.	1.6	104
12	Melodic and harmonic discrimination following unilateral cerebral excision. <i>Brain and Cognition</i> , 1988, 7, 348-360.	1.8	100
13	Music and dementia. <i>Progress in Brain Research</i> , 2015, 217, 207-235.	1.4	98
14	The Functional Anatomy of Sound Intensity Discrimination. <i>Journal of Neuroscience</i> , 1998, 18, 6388-6394.	3.6	96
15	Recognition memory for text and melody of songs after unilateral temporal lobe lesion: Evidence for dual encoding.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 1991, 17, 793-804.	0.9	87
16	Predictive factors of long-term outcomes of surgery for mesial temporal lobe epilepsy associated with hippocampal sclerosis. <i>Epilepsia</i> , 2017, 58, 1473-1485.	5.1	84
17	Efficacy of Musical Interventions in Dementia: Evidence from a Randomized Controlled Trial. <i>Journal of Alzheimer's Disease</i> , 2013, 38, 359-369.	2.6	83
18	Auditory/visual duration bisection in patients with left or right medial-temporal lobe resection. <i>Brain and Cognition</i> , 2005, 58, 119-124.	1.8	79

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19	Learning and retention of melodic and verbal information after unilateral temporal lobectomy. <i>Neuropsychologia</i> , 1992, 30, 815-826.	1.6	76
20	Functional MR Imaging or Wada Test: Which Is the Better Predictor of Individual Postoperative Memory Outcome?. <i>Radiology</i> , 2010, 255, 128-134.	7.3	73
21	The Relationship of Lyrics and Tunes in the Processing of Unfamiliar Songs: A Functional Magnetic Resonance Adaptation Study. <i>Journal of Neuroscience</i> , 2010, 30, 3572-3578.	3.6	68
22	Emotional Power of Music in Patients with Memory Disorders. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 245-255.	3.8	65
23	Destination memory and familiarity: better memory for conversations with Elvis Presley than with unknown people. <i>Aging Clinical and Experimental Research</i> , 2015, 27, 337-344.	2.9	64
24	Prospective and retrospective time perception are related to mental time travel: Evidence from Alzheimer's disease. <i>Brain and Cognition</i> , 2013, 83, 45-51.	1.8	63
25	Impaired recognition of musical emotions and facial expressions following anteromedial temporal lobe excision. <i>Cortex</i> , 2011, 47, 1116-1125.	2.4	62
26	Hippocampal-thalamic wiring in medial temporal lobe epilepsy: Enhanced connectivity per hippocampal voxel. <i>Epilepsia</i> , 2015, 56, 1217-1226.	5.1	62
27	Delayed Verbal Memory Retrieval: A Functional MRI Study in Epileptic Patients with Structural Lesions of the Left Medial Temporal Lobe. <i>NeuroImage</i> , 2001, 14, 995-1003.	4.2	57
28	The effect of musical experience on emotional self-reports and psychophysiological responses to dissonance. <i>Psychophysiology</i> , 2011, 48, 337-349.	2.4	57
29	Auditory discrimination of anisochrony: Influence of the tempo and musical backgrounds of listeners. <i>Brain and Cognition</i> , 2005, 58, 133-147.	1.8	55
30	Neuropsychological and psychiatric impact of add-on titration of pregabalin versus levetiracetam: A comparative short-term study. <i>Epilepsy and Behavior</i> , 2006, 9, 424-431.	1.7	51
31	Distinct visual perspective-taking strategies involve the left and right medial temporal lobe structures differently. <i>Brain</i> , 2008, 131, 523-534.	7.6	50
32	Different spatial memory systems are involved in small- and large-scale environments: evidence from patients with temporal lobe epilepsy. <i>Experimental Brain Research</i> , 2010, 206, 171-177.	1.5	50
33	Deficits of musical timbre perception after unilateral temporal-lobe lesion revealed with multidimensional scaling. <i>Brain</i> , 2002, 125, 511-523.	7.6	47
34	Implicit and Explicit Emotional Memory for Melodies in Alzheimer's Disease and Depression. <i>Annals of the New York Academy of Sciences</i> , 2003, 999, 381-384.	3.8	46
35	Processing of rapid auditory information in epileptic patients with left temporal lobe damage. <i>Neuropsychologia</i> , 2001, 39, 525-531.	1.6	45
36	Role of the medial temporal lobe in time estimation in the range of minutes. <i>NeuroReport</i> , 2007, 18, 1035-1038.	1.2	43

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37	Spatial memory deficits in patients with lesions affecting the medial temporal neocortex. <i>Annals of Neurology</i> , 1999, 45, 312-319.	5.3	42
38	Cerebral Substrates for Musical Temporal Processes. <i>Annals of the New York Academy of Sciences</i> , 2001, 930, 166-178.	3.8	40
39	Impaired recognition of fear in voices and reduced anxiety after unilateral temporal lobe resection. <i>Neuropsychologia</i> , 2011, 49, 618-629.	1.6	39
40	Interictal epileptic discharge correlates with global and frontal cognitive dysfunction in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2016, 62, 197-203.	1.7	39
41	Music evoked autobiographical memory after severe acquired brain injury: Preliminary findings from a case series. <i>Neuropsychological Rehabilitation</i> , 2014, 24, 125-143.	1.6	37
42	The hippocampus: A central node in a large-scale brain network for memory. <i>Revue Neurologique</i> , 2015, 171, 204-216.	1.5	37
43	A volumetric MRI study of the hippocampus and the parahippocampal region after unilateral medial temporal lobe resection. <i>Journal of Neuroscience Methods</i> , 2006, 156, 293-304.	2.5	36
44	Multidimensional scaling of synthetic musical timbre: Perception of spectral and temporal characteristics.. <i>Canadian Journal of Experimental Psychology</i> , 1997, 51, 307-315.	0.8	35
45	Indications and expectations for neuropsychological assessment in epilepsy surgery in children and adults: Executive summary of the report of the <scp>ILAE</scp> Neuropsychology Task Force Diagnostic Methods Commission: 2017â€2021. <i>Epilepsia</i> , 2019, 60, 1794-1796.	5.1	35
46	Memory for Visuospatial Location Following Selective Hippocampal Sclerosis: The Use of Different Coordinate Systems.. <i>Neuropsychology</i> , 2004, 18, 15-28.	1.3	34
47	Efficacy of musical interventions in dementia: methodological requirements of nonpharmacological trials. <i>Annals of the New York Academy of Sciences</i> , 2015, 1337, 249-255.	3.8	30
48	An Intracranial EEG Study of the Neural Dynamics of Musical Valence Processing. <i>Cerebral Cortex</i> , 2015, 25, 4038-4047.	2.9	30
49	Short and Longer Term Effects of Musical Intervention in Severe Alzheimer's Disease. <i>Music Perception</i> , 2012, 29, 533-541.	1.1	29
50	Is time reproduction sensitive to sensory modalities?. <i>European Journal of Cognitive Psychology</i> , 2009, 21, 18-34.	1.3	27
51	Intracranial Recordings and Computational Modeling of Music Reveal the Time Course of Prediction Error Signaling in Frontal and Temporal Cortices. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 855-873.	2.3	27
52	Time estimation in patients with right or left medial-temporal lobe resection. <i>NeuroReport</i> , 2001, 12, 939-942.	1.2	26
53	Judgment of musical emotions after cochlear implantation in adults with progressive deafness. <i>Frontiers in Psychology</i> , 2015, 6, 181.	2.1	25
54	Indications and expectations for neuropsychological assessment in epilepsy surgery in children and adults. <i>Epileptic Disorders</i> , 2019, 21, 221-234.	1.3	23

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55	The new approach to classification of focal epilepsies: Epileptic discharge and disconnectivity in relation to cognition. <i>Epilepsy and Behavior</i> , 2016, 64, 322-328.	1.7	21
56	Does music training facilitate the mnemonic effect of song? An exploration of musicians and nonmusicians with and without Alzheimer's dementia. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2017, 39, 9-21.	1.3	20
57	Cognitive impairment in temporal lobe epilepsy: contributions of lesion, localization and lateralization. <i>Journal of Neurology</i> , 2021, 268, 1443-1452.	3.6	20
58	Effects of Prior Exposure on Music Liking and Recognition in Patients with Temporal Lobe Lesions. <i>Annals of the New York Academy of Sciences</i> , 2005, 1060, 419-428.	3.8	19
59	Singing abilities in children with Specific Language Impairment (SLI). <i>Frontiers in Psychology</i> , 2015, 6, 420.	2.1	19
60	IS THE NEUTRAL CONDITION RELEVANT TO STUDY MUSICAL EMOTION IN PATIENTS?. <i>Music Perception</i> , 2008, 25, 285-294.	1.1	18
61	The Birth of Musical Emotion. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 336-341.	3.8	18
62	Does Pathological Aging Affect Musical Learning and Memory?. <i>Music Perception</i> , 2012, 29, 493-500.	1.1	17
63	Autonoetic Consciousness in Autobiographical Memories after Medial Temporal Lobe Resection. <i>Behavioural Neurology</i> , 2008, 19, 19-22.	2.1	16
64	Multidimensional scaling of emotional responses to music in patients with temporal lobe resection. <i>Cortex</i> , 2011, 47, 1107-1115.	2.4	16
65	Facial, vocal and musical emotion recognition is altered in paranoid schizophrenic patients. <i>Psychiatry Research</i> , 2015, 229, 188-193.	3.3	16
66	Neuropsychological Studies of Musical Timbre. <i>Annals of the New York Academy of Sciences</i> , 2003, 999, 144-151.	3.8	15
67	Emotional recognition of dynamic facial expressions before and after cochlear implantation in adults with progressive deafness. <i>Hearing Research</i> , 2017, 354, 64-72.	2.0	14
68	Loss of memory for auditory-spatial associations following unilateral medial temporal-lobe damage. <i>Neuropsychologia</i> , 2005, 43, 1975-1982.	1.6	13
69	Adapting a memory fMRI research protocol in clinical routine: Feasibility and results. <i>Epilepsy and Behavior</i> , 2018, 81, 49-54.	1.7	13
70	A Protective Effect of Musical Expertise on Cognitive Outcome Following Brain Damage?. <i>Neuropsychology Review</i> , 2014, 24, 445-460.	4.9	12
71	Intracranial markers of emotional valence processing and judgments in music. <i>Cognitive Neuroscience</i> , 2015, 6, 16-23.	1.4	12
72	Neural correlates of binding lyrics and melodies for the encoding of new songs. <i>NeuroImage</i> , 2016, 127, 333-345.	4.2	12

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73	Bilateral mesial temporal sclerosis: MRI with high-resolution fast spin-echo and fluid-attenuated inversion-recovery sequences. <i>Neuroradiology</i> , 1999, 41, 471-479.	2.2	11
74	Effect of Unilateral Temporal Lobe Resection on Short-Term Memory for Auditory Object and Sound Location. <i>Annals of the New York Academy of Sciences</i> , 2003, 999, 377-380.	3.8	10
75	Reference frames and cognitive strategies during navigation: is the left hippocampal formation involved in the sequential aspects of route memory?. <i>International Congress Series</i> , 2003, 1250, 261-274.	0.2	10
76	A Case of Postictal Transient Anterograde and Retrograde Amnesia. <i>Epilepsia</i> , 2004, 45, 1459-1460.	5.1	10
77	Emotional memory for musical excerpts in young and older adults. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 23.	3.4	10
78	Musical Function and Temporal Lobe Structures: A review of Brain Lesion Studies. <i>Journal of New Music Research</i> , 1999, 28, 217-228.	0.8	9
79	Hippocampal Sclerosis Affects fMR-Adaptation of Lyrics and Melodies in Songs. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 111.	2.0	8
80	Evaluation of psychomotor functions in patients with drug-resistant epilepsy. <i>Epilepsy and Behavior</i> , 2020, 106, 106985.	1.7	8
81	Why do music-based interventions benefit persons with neurodegenerative disease?. , 2020, , 333-349.		8
82	Spatial and non-spatial auditory short-term memory in patients with temporal-lobe lesion. <i>NeuroReport</i> , 2003, 14, 2203-2207.	1.2	7
83	Mécanismes et désordres liés à l'adaptation au temps.. <i>Canadian Psychology</i> , 2006, 47, 170-183.	2.1	7
84	Cerebral Substrates for Musical Temporal Processes. , 2003, , 204-216.		7
85	Word Detection in Sung and Spoken Sentences in Children With Typical Language Development or With Specific Language Impairment. <i>Advances in Cognitive Psychology</i> , 2015, 11, 118-135.	0.5	7
86	The feeling of familiarity for music in patients with a unilateral temporal lobe lesion: A gating study. <i>Neuropsychologia</i> , 2015, 77, 313-320.	1.6	6
87	Socio-emotional and motor engagement during musical activities in older adults with major neurocognitive impairment. <i>Scientific Reports</i> , 2021, 11, 15291.	3.3	6
88	Sensorimotor Synchronization in Healthy Aging and Neurocognitive Disorders. <i>Frontiers in Psychology</i> , 2022, 13, 838511.	2.1	6
89	Postoperative recovery of hippocampal contralateral diffusivity in medial temporal lobe epilepsy correlates with memory functions. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 340-343.	1.9	5
90	Does a Live Performance Impact Synchronization to Musical Rhythm in Cognitively Impaired Elderly?. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 939-949.	2.6	4

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91	The Impact of Emotion on Musical Long-Term Memory. <i>Frontiers in Psychology</i> , 2020, 11, 2110.	2.1	4
92	Neuro-oscillatory tracking of low- and high-level musico-acoustic features during naturalistic music listening: Insights from an intracranial electroencephalography study.. <i>Psychomusicology: Music, Mind and Brain</i> , 2020, 30, 37-51.	0.3	4
93	Risk of Tinnitus After Medial Temporal Lobe Surgery. <i>JAMA Neurology</i> , 2017, 74, 1376.	9.0	3
94	Distinctive neuropsychological profiles of lateral temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2021, 125, 108411.	1.7	3
95	Agnosic or semantic impairment in very mild Alzheimer's disease?. <i>Aging, Neuropsychology, and Cognition</i> , 2011, 18, 230-253.	1.3	2
96	In Reply to "Selective Amygdalohippocampectomy for Mesial Temporal Sclerosis: Special Considerations in Geniuses". <i>World Neurosurgery</i> , 2018, 111, 431-432.	1.3	2
97	Synchronization to Music as a Tool for Enhancing Non-Verbal Communication in People with Neurological Diseases. , 2017, , 304-312.		2
98	La neuropsychologie des "émotions musicales. , 2010, , 75-88.		0
99	7. Perception des timbres musicaux. <i>Questions De Personne</i> , 2010, , 123-146.	0.2	0
100	Sensorimotor synchronisation and non-verbal behaviours in Alzheimer's disease: the influence of social and musical contexts. <i>Geriatric Et Psychologie Neuropsychiatrie Du Vieillessement</i> , 2021, , .	0.0	0