

# Sabine Grimm

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48  
papers

1,415  
citations

24  
h-index

37  
g-index

50  
ext. papers

1,586  
ext. citations

3.9  
avg, IF

4.67  
L-index

#	Paper	IF	Citations
48	Auditory Pattern Representations Under Conditions of Uncertainty-An ERP Study. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 682820	3.3	1
47	Change detection of auditory tonal patterns defined by absolute versus relative pitch information. A combined behavioural and EEG study. <i>PLoS ONE</i> , <b>2021</b> , 16, e0247495	3.7	1
46	Neural signatures of temporal regularity and recurring patterns in random tonal sound sequences. <i>European Journal of Neuroscience</i> , <b>2021</b> , 53, 2740-2754	3.5	1
45	Auditory predictions shape the neural responses to stimulus repetition and sensory change. <i>NeuroImage</i> , <b>2019</b> , 186, 200-210	7.9	8
44	Electrophysiological Correlates of Speaker Segregation and Foreground-Background Selection in Ambiguous Listening Situations. <i>Neuroscience</i> , <b>2018</b> , 389, 19-29	3.9	5
43	The effects of aging on early stages of the auditory deviance detection system. <i>Clinical Neurophysiology</i> , <b>2018</b> , 129, 2252-2258	4.3	9
42	How regularity representations of short sound patterns that are based on relative or absolute pitch information establish over time: An EEG study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0176981	3.7	4
41	Exploiting temporal predictability: Event-related potential correlates of task-supportive temporal cue processing in auditory distraction. <i>Brain Research</i> , <b>2016</b> , 1639, 120-31	3.7	7
40	Functional dissociation between regularity encoding and deviance detection along the auditory hierarchy. <i>European Journal of Neuroscience</i> , <b>2016</b> , 43, 529-35	3.5	13
39	Middle latency response correlates of single and double deviant stimuli in a multi-feature paradigm. <i>Clinical Neurophysiology</i> , <b>2016</b> , 127, 388-396	4.3	5
38	Early indices of deviance detection in humans and animal models. <i>Biological Psychology</i> , <b>2016</b> , 116, 23-7	3.2	28
37	Spatial auditory regularity encoding and prediction: Human middle-latency and long-latency auditory evoked potentials. <i>Brain Research</i> , <b>2015</b> , 1626, 21-30	3.7	6
36	Repetition suppression and repetition enhancement underlie auditory memory-trace formation in the human brain: an MEG study. <i>NeuroImage</i> , <b>2015</b> , 108, 75-86	7.9	35
35	Involvement of the human midbrain and thalamus in auditory deviance detection. <i>Neuropsychologia</i> , <b>2015</b> , 68, 51-8	3.2	42
34	Deviance detection based on regularity encoding along the auditory hierarchy: electrophysiological evidence in humans. <i>Brain Topography</i> , <b>2014</b> , 27, 527-38	4.3	51
33	Timing matters: the processing of pitch relations. <i>Frontiers in Human Neuroscience</i> , <b>2014</b> , 8, 387	3.3	2
32	Encoding of nested levels of acoustic regularity in hierarchically organized areas of the human auditory cortex. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 5701-16	5.9	23

31	Two sequential processes of change detection in hierarchically ordered areas of the human auditory cortex. <i>Cerebral Cortex</i> , <b>2014</b> , 24, 143-53	5.1	38
30	Electrophysiological index of acoustic temporal regularity violation in the middle latency range. <i>Clinical Neurophysiology</i> , <b>2013</b> , 124, 2397-405	4.3	20
29	Regularity encoding and deviance detection of frequency modulated sweeps: human middle- and long-latency auditory evoked potentials. <i>Psychophysiology</i> , <b>2013</b> , 50, 1275-81	4.1	5
28	Simple and complex acoustic regularities are encoded at different levels of the auditory hierarchy. <i>European Journal of Neuroscience</i> , <b>2013</b> , 38, 3448-55	3.5	25
27	Early processing of pitch in the human auditory system. <i>European Journal of Neuroscience</i> , <b>2012</b> , 36, 2972-8	3.5	27
26	Is fast auditory change detection feature specific? An electrophysiological study in humans. <i>Psychophysiology</i> , <b>2012</b> , 49, 933-42	4.1	29
25	Auditory deviance detection revisited: evidence for a hierarchical novelty system. <i>International Journal of Psychophysiology</i> , <b>2012</b> , 85, 88-92	2.9	100
24	Ultrafast tracking of sound location changes as revealed by human auditory evoked potentials. <i>Biological Psychology</i> , <b>2012</b> , 89, 232-9	3.2	36
23	Spectrotemporal processing drives fast access to memory traces for spoken words. <i>NeuroImage</i> , <b>2012</b> , 60, 2300-8	7.9	6
22	Detection of simple and pattern regularity violations occurs at different levels of the auditory hierarchy. <i>PLoS ONE</i> , <b>2012</b> , 7, e43604	3.7	49
21	Novelty detection in the human auditory brainstem. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 1447-52	6.6	76
20	An Asymmetry in the Automatic Detection of the Presence or Absence of a Frequency Modulation within a Tone: A Mismatch Negativity Study. <i>Frontiers in Psychology</i> , <b>2011</b> , 2, 189	3.4	17
19	Fast detection of unexpected sound intensity decrements as revealed by human evoked potentials. <i>PLoS ONE</i> , <b>2011</b> , 6, e28522	3.7	49
18	Electrophysiological evidence for the hierarchical organization of auditory change detection in the human brain. <i>Psychophysiology</i> , <b>2011</b> , 48, 377-84	4.1	110
17	Multiple time scales of adaptation in the auditory system as revealed by human evoked potentials. <i>Psychophysiology</i> , <b>2011</b> , 48, 774-83	4.1	66
16	Interactions between "what" and "when" in the auditory system: temporal predictability enhances repetition suppression. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 18590-7	6.6	100
15	Early change detection in humans as revealed by auditory brainstem and middle-latency evoked potentials. <i>European Journal of Neuroscience</i> , <b>2010</b> , 32, 859-65	3.5	83
14	The time-course of auditory and visual distraction effects in a new crossmodal paradigm. <i>Neuropsychologia</i> , <b>2010</b> , 48, 2130-9	3.2	39

13	A temporal constraint for automatic deviance detection and object formation: A mismatch negativity study. <i>Brain Research</i> , <b>2010</b> , 1331, 88-95	3.7	15
12	Distraction in a visual multi-deviant paradigm: behavioral and event-related potential effects. <i>International Journal of Psychophysiology</i> , <b>2009</b> , 72, 260-6	2.9	24
11	Optimizing the auditory distraction paradigm: behavioral and event-related potential effects in a lateralized multi-deviant approach. <i>Clinical Neurophysiology</i> , <b>2008</b> , 119, 934-47	4.3	15
10	Mismatch negativity on the cone of confusion. <i>Neuroscience Letters</i> , <b>2007</b> , 414, 178-82	3.3	10
9	Differential processing of terminal tone parts within structured and non-structured tones. <i>Neuroscience Letters</i> , <b>2007</b> , 421, 163-7	3.3	7
8	The processing of frequency deviations within sounds: evidence for the predictive nature of the Mismatch Negativity (MMN) system. <i>Restorative Neurology and Neuroscience</i> , <b>2007</b> , 25, 241-9	2.8	27
7	Mechanisms for detecting auditory temporal and spectral deviations operate over similar time windows but are divided differently between the two hemispheres. <i>NeuroImage</i> , <b>2006</b> , 32, 275-82	7.9	41
6	The Relation Between Onset, Offset, and Duration Perception as Examined by Psychophysical Data and Event-Related Brain Potentials. <i>Journal of Psychophysiology</i> , <b>2006</b> , 20, 40-51	1	8
5	Human auditory event-related potentials predict duration judgments. <i>Neuroscience Letters</i> , <b>2005</b> , 383, 284-8	3.3	40
4	Pre-attentive and attentive processing of temporal and frequency characteristics within long sounds. <i>Cognitive Brain Research</i> , <b>2005</b> , 25, 711-21		28
3	Kanizsa subjective figures capture visual spatial attention: evidence from electrophysiological and behavioral data. <i>Neuropsychologia</i> , <b>2005</b> , 43, 872-86	3.2	45
2	Differential processing of duration changes within short and long sounds in humans. <i>Neuroscience Letters</i> , <b>2004</b> , 356, 83-6	3.3	39
1	Perceptual Learning and Recognition of Random Acoustic Patterns. <i>Auditory Perception &amp; Cognition</i> , 1-230.4		0