

Riitta K Hari

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3900102/riitta-k-hari-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

364
papers

31,237
citations

92
h-index

165
g-index

381
ext. papers

34,397
ext. citations

5.8
avg, IF

7.1
L-index

#	Paper	IF	Citations
364	Brain activity reflects the predictability of word sequences in listened continuous speech. <i>NeuroImage</i> , 2020 , 219, 116936	7.9	4
363	Brain and behavioral alterations in subjects with social anxiety dominated by empathic embarrassment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 4385-4391	11.5	7
362	Imaging Real-Time Tactile Interaction With Two-Person Dual-Coil fMRI. <i>Frontiers in Psychiatry</i> , 2020 , 11, 279	5	10
361	Bodily maps of emotions are culturally universal. <i>Emotion</i> , 2020 , 20, 1127-1136	4.1	16
360	Cross-cultural similarity in relationship-specific social touching. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20190467	4.4	33
359	Cortical Tracking of Speech-in-Noise Develops from Childhood to Adulthood. <i>Journal of Neuroscience</i> , 2019 , 39, 2938-2950	6.6	28
358	Emotions amplify speaker-listener neural alignment. <i>Human Brain Mapping</i> , 2019 , 40, 4777-4788	5.9	15
357	Evidence for genetically determined degeneration of proprioceptive tracts in Friedreich ataxia. <i>Neurology</i> , 2019 , 93, e116-e124	6.5	20
356	Opioidergic Regulation of Emotional Arousal: A Combined PET-fMRI Study. <i>Cerebral Cortex</i> , 2019 , 29, 4006-4016	5.1	13
355	Consistency and similarity of MEG- and fMRI-signal time courses during movie viewing. <i>NeuroImage</i> , 2018 , 173, 361-369	7.9	35
354	IFCN-endorsed practical guidelines for clinical magnetoencephalography (MEG). <i>Clinical Neurophysiology</i> , 2018 , 129, 1720-1747	4.3	75
353	Reply to "Clinical practice guidelines or clinical research guidelines?". <i>Clinical Neurophysiology</i> , 2018 , 129, 2056-2057	4.3	
352	Aberrant Cortical Integration in First-Episode Psychosis During Natural Audiovisual Processing. <i>Biological Psychiatry</i> , 2018 , 84, 655-664	7.9	13
351	MEG and fMRI dynamics during movie viewing. <i>Journal of Vision</i> , 2018 , 18, 965	0.4	
350	Maps of subjective feelings. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9198-9203	11.5	79
349	Functional brain segmentation using inter-subject correlation in fMRI. <i>Human Brain Mapping</i> , 2017 , 38, 2643-2665	5.9	15
348	Corticokinematic coherence as a new marker for somatosensory afference in newborns. <i>Clinical Neurophysiology</i> , 2017 , 128, 647-655	4.3	8

347	Precuneus functioning differentiates first-episode psychosis patients during the fantasy movie Alice in Wonderland. <i>Psychological Medicine</i> , 2017 , 47, 495-506	6.9	16
346	Complex regional pain syndrome: The matter of white matter?. <i>Brain and Behavior</i> , 2017 , 7, e00647	3.4	7
345	From Brain-Environment Connections to Temporal Dynamics and Social Interaction: Principles of Human Brain Function. <i>Neuron</i> , 2017 , 94, 1033-1039	13.9	7
344	Social Laughter Triggers Endogenous Opioid Release in Humans. <i>Journal of Neuroscience</i> , 2017 , 37, 6125-6131	6.1	98
343	Dissociable Roles of Cerebral μ Opioid and Type 2 Dopamine Receptors in Vicarious Pain: A Combined PET-fMRI Study. <i>Cerebral Cortex</i> , 2017 , 27, 4257-4266	5.1	30
342	Contextual and social cues may dominate natural visual search. <i>Behavioral and Brain Sciences</i> , 2017 , 40, e139	0.9	
341	Sequentiality, Mutual Visibility, and Behavioral Matching: Body Sway and Pitch Register During Joint Decision Making. <i>Research on Language and Social Interaction</i> , 2017 , 50, 33-53	3.6	18
340	MEG Insight into the Spectral Dynamics Underlying Steady Isometric Muscle Contraction. <i>Journal of Neuroscience</i> , 2017 , 37, 10421-10437	6.6	30
339	Brain-to-brain hyperclassification reveals action-specific motor mapping of observed actions in humans. <i>PLoS ONE</i> , 2017 , 12, e0189508	3.7	7
338	Effect of interstimulus interval on cortical proprioceptive responses to passive finger movements. <i>European Journal of Neuroscience</i> , 2017 , 45, 290-298	3.5	5
337	Abnormal Brain Responses to Action Observation in Complex Regional Pain Syndrome. <i>Journal of Pain</i> , 2017 , 18, 255-265	5.2	8
336	Reliable recording and analysis of MEG-based corticokinematic coherence in the presence of strong magnetic artifacts. <i>Clinical Neurophysiology</i> , 2016 , 127, 1460-1469	4.3	11
335	Discrete Neural Signatures of Basic Emotions. <i>Cerebral Cortex</i> , 2016 , 26, 2563-2573	5.1	213
334	Haptic contents of a movie dynamically engage the spectator's sensorimotor cortex. <i>Human Brain Mapping</i> , 2016 , 37, 4061-4068	5.9	10
333	Social touch modulates endogenous μ opioid system activity in humans. <i>NeuroImage</i> , 2016 , 138, 242-247	7.9	103
332	Neural signatures of hand kinematics in leaders vs. followers: A dual-MEG study. <i>NeuroImage</i> , 2016 , 125, 731-738	7.9	22
331	Sensorimotor activation related to speaker vs. listener role during natural conversation. <i>Neuroscience Letters</i> , 2016 , 614, 99-104	3.3	12
330	Left Superior Temporal Gyrus Is Coupled to Attended Speech in a Cocktail-Party Auditory Scene. <i>Journal of Neuroscience</i> , 2016 , 36, 1596-606	6.6	59

329	Bodily maps of emotions across child development. <i>Developmental Science</i> , 2016 , 19, 1111-1118	4.5	30
328	Behavioural activation system sensitivity is associated with cerebral μ -opioid receptor availability. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 1310-6	4	56
327	Attending to and neglecting people: bridging neuroscience, psychology and sociology. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	17
326	MEG-compatible pneumatic stimulator to elicit passive finger and toe movements. <i>NeuroImage</i> , 2015 , 112, 310-317	7.9	36
325	Cortical kinematic processing of executed and observed goal-directed hand actions. <i>NeuroImage</i> , 2015 , 119, 221-8	7.9	20
324	Topography of social touching depends on emotional bonds between humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 13811-6	11.5	154
323	Centrality of Social Interaction in Human Brain Function. <i>Neuron</i> , 2015 , 88, 181-93	13.9	215
322	Spatial variability in cortex-muscle coherence investigated with magnetoencephalography and high-density surface electromyography. <i>Journal of Neurophysiology</i> , 2015 , 114, 2843-53	3.2	10
321	Enlargement of choroid plexus in complex regional pain syndrome. <i>Scientific Reports</i> , 2015 , 5, 14329	4.9	16
320	Brain responds to another person's eye blinks in a natural setting-the more empathetic the viewer the stronger the responses. <i>European Journal of Neuroscience</i> , 2015 , 42, 2508-14	3.5	8
319	Patients with complex regional pain syndrome overestimate applied force in observed hand actions. <i>European Journal of Pain</i> , 2015 , 19, 1372-81	3.7	5
318	Adult attachment style is associated with cerebral μ -opioid receptor availability in humans. <i>Human Brain Mapping</i> , 2015 , 36, 3621-8	5.9	101
317	Phasic stabilization of motor output after auditory and visual distractors. <i>Human Brain Mapping</i> , 2015 , 36, 5168-82	5.9	12
316	An Internet-Based Real-Time Audiovisual Link for Dual MEG Recordings. <i>PLoS ONE</i> , 2015 , 10, e0128485	3.7	22
315	Modulation of Rolandic Beta-Band Oscillations during Motor Simulation of Joint Actions. <i>PLoS ONE</i> , 2015 , 10, e0131655	3.7	5
314	Word-by-word entrainment of speech rhythm during joint story building. <i>Frontiers in Psychology</i> , 2015 , 6, 797	3.4	15
313	The brain timewise: how timing shapes and supports brain function. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370,	5.8	41
312	Stimulus-rate sensitivity discerns area 3b of the human primary somatosensory cortex. <i>PLoS ONE</i> , 2015 , 10, e0128462	3.7	3

311	Towards brain-activity-controlled information retrieval: Decoding image relevance from MEG signals. <i>NeuroImage</i> , 2015 , 112, 288-298	7.9	25
310	Corticokinematic coherence mainly reflects movement-induced proprioceptive feedback. <i>NeuroImage</i> , 2015 , 106, 382-90	7.9	48
309	Intersubject consistency of cortical MEG signals during movie viewing. <i>NeuroImage</i> , 2014 , 92, 217-24	7.9	58
308	Bodily maps of emotions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 646-51	11.5	402
307	Synchronous brain activity across individuals underlies shared psychological perspectives. <i>NeuroImage</i> , 2014 , 100, 316-24	7.9	85
306	Emotional speech synchronizes brains across listeners and engages large-scale dynamic brain networks. <i>NeuroImage</i> , 2014 , 102 Pt 2, 498-509	7.9	80
305	Spatial variability of functional brain networks in early-blind and sighted subjects. <i>NeuroImage</i> , 2014 , 95, 208-16	7.9	9
304	All that glitters is not BOLD: inconsistencies in functional MRI. <i>Scientific Reports</i> , 2014 , 4, 3920	4.9	15
303	Mental action simulation synchronizes action-observation circuits across individuals. <i>Journal of Neuroscience</i> , 2014 , 34, 748-57	6.6	42
302	Human primary motor cortex is both activated and stabilized during observation of other person's phasic motor actions. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014 , 369, 20130171	5.8	24
301	Functional parcellation of the human primary somatosensory cortex to natural touch. <i>European Journal of Neuroscience</i> , 2014 , 39, 738-43	3.5	9
300	Neuromagnetic brain responses to other person's eye blinks seen on video. <i>European Journal of Neuroscience</i> , 2014 , 40, 2576-80	3.5	11
299	Human neuromagnetic steady-state responses to amplitude-modulated tones, speech, and music. <i>Ear and Hearing</i> , 2014 , 35, 461-7	3.4	16
298	The pace of prosodic phrasing couples the listener's cortex to the reader's voice. <i>Human Brain Mapping</i> , 2013 , 34, 314-26	5.9	82
297	Identifying fragments of natural speech from the listener's MEG signals. <i>Human Brain Mapping</i> , 2013 , 34, 1477-89	5.9	24
296	Decoding magnetoencephalographic rhythmic activity using spectrospatial information. <i>NeuroImage</i> , 2013 , 83, 921-36	7.9	16
295	Coherence between magnetoencephalography and hand-action-related acceleration, force, pressure, and electromyogram. <i>NeuroImage</i> , 2013 , 72, 83-90	7.9	37
294	Corticokinematic coherence during active and passive finger movements. <i>Neuroscience</i> , 2013 , 238, 361-70	7.9	42

293	Feature-specific information processing precedes concerted activation in human visual cortex. <i>Journal of Neuroscience</i> , 2013 , 33, 7691-9	6.6	47
292	Synchrony of brains and bodies during implicit interpersonal interaction. <i>Trends in Cognitive Sciences</i> , 2013 , 17, 105-6	14	69
291	Primary motor cortex and cerebellum are coupled with the kinematics of observed hand movements. <i>NeuroImage</i> , 2013 , 66, 500-7	7.9	29
290	Is it just a brick wall or a sign from the universe? An fMRI study of supernatural believers and skeptics. <i>Social Cognitive and Affective Neuroscience</i> , 2013 , 8, 943-9	4	27
289	The opponent matters: elevated FMRI reward responses to winning against a human versus a computer opponent during interactive video game playing. <i>Cerebral Cortex</i> , 2013 , 23, 2829-39	5.1	63
288	Influence of turn-taking in a two-person conversation on the gaze of a viewer. <i>PLoS ONE</i> , 2013 , 8, e71569	3.7	33
287	Activation of auditory cortex by anticipating and hearing emotional sounds: an MEG study. <i>PLoS ONE</i> , 2013 , 8, e80284	3.7	4
286	Just watching the game ain't enough: striatal fMRI reward responses to successes and failures in a video game during active and vicarious playing. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 278	3.3	41
285	Non-linear canonical correlation for joint analysis of MEG signals from two subjects. <i>Frontiers in Neuroscience</i> , 2013 , 7, 107	5.1	9
284	Listening to an audio drama activates two processing networks, one for all sounds, another exclusively for speech. <i>PLoS ONE</i> , 2013 , 8, e64489	3.7	15
283	Association of poor insight in schizophrenia with structure and function of cortical midline structures and frontopolar cortex. <i>Schizophrenia Research</i> , 2012 , 139, 27-32	3.6	28
282	Emotions promote social interaction by synchronizing brain activity across individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 9599-604	11.5	280
281	Magnetoencephalography: From SQUIDS to neuroscience. Neuroimage 20th anniversary special edition. <i>NeuroImage</i> , 2012 , 61, 386-96	7.9	158
280	Dog experts' brains distinguish socially relevant body postures similarly in dogs and humans. <i>PLoS ONE</i> , 2012 , 7, e39145	3.7	31
279	Functional subdivision of group-ICA results of fMRI data collected during cinema viewing. <i>PLoS ONE</i> , 2012 , 7, e42000	3.7	21
278	Naturalistic fMRI mapping reveals superior temporal sulcus as the hub for the distributed brain network for social perception. <i>Frontiers in Human Neuroscience</i> , 2012 , 6, 233	3.3	190
277	Characterization of neuromagnetic brain rhythms over time scales of minutes using spatial independent component analysis. <i>Human Brain Mapping</i> , 2012 , 33, 1648-62	5.9	29
276	Engagement of amygdala in third-person view of face-to-face interaction. <i>Human Brain Mapping</i> , 2012 , 33, 1753-62	5.9	24

275	Pre- and post-operative diffusion tensor imaging of the median nerve in carpal tunnel syndrome. <i>European Radiology</i> , 2012 , 22, 1310-9	8	47
274	Binaural interaction and the octave illusion. <i>Journal of the Acoustical Society of America</i> , 2012 , 132, 1747-53	5.3	11
273	Human ROBO1 regulates interaural interaction in auditory pathways. <i>Journal of Neuroscience</i> , 2012 , 32, 966-71	6.6	42
272	MEG dual scanning: a procedure to study real-time auditory interaction between two persons. <i>Frontiers in Human Neuroscience</i> , 2012 , 6, 83	3.3	42
271	Functional motor-cortex mapping using corticokinematic coherence. <i>NeuroImage</i> , 2011 , 55, 1475-9	7.9	56
270	Data-based functional template for sorting independent components of fMRI activity. <i>Neuroscience Research</i> , 2011 , 71, 369-76	2.9	9
269	Evaluation of voxel-based group-level analysis of diffusion tensor images using simulated brain lesions. <i>Neuroscience Research</i> , 2011 , 71, 377-86	2.9	1
268	Experiencing art: the influence of expertise and painting abstraction level. <i>Frontiers in Human Neuroscience</i> , 2011 , 5, 94	3.3	68
267	Embodied visual perception of distorted finger postures. <i>Human Brain Mapping</i> , 2011 , 32, 612-23	5.9	6
266	What differs in visual recognition of handwritten vs. printed letters? An fMRI study. <i>Human Brain Mapping</i> , 2011 , 32, 1250-9	5.9	43
265	The brain in time: insights from neuromagnetic recordings. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1191, 89-109	6.5	72
264	Observing touch activates human primary somatosensory cortex. <i>European Journal of Neuroscience</i> , 2010 , 31, 1836-43	3.5	60
263	Gaze-Direction-Based MEG Averaging During Audiovisual Speech Perception. <i>Frontiers in Human Neuroscience</i> , 2010 , 4, 17	3.3	2
262	Aberrant temporal and spatial brain activity during rest in patients with chronic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 6493-7	11.5	135
261	Cortical responses to Aβ-fiber stimulation: magnetoencephalographic recordings in a subject lacking large myelinated afferents. <i>Cerebral Cortex</i> , 2010 , 20, 1898-903	5.1	5
260	Lipreading and covert speech production similarly modulate human auditory-cortex responses to pure tones. <i>Journal of Neuroscience</i> , 2010 , 30, 1314-21	6.6	39
259	Attenuation of somatosensory responses to self-produced tactile stimulation. <i>Cerebral Cortex</i> , 2010 , 20, 425-32	5.1	44
258	Independent component analysis of short-time Fourier transforms for spontaneous EEG/MEG analysis. <i>NeuroImage</i> , 2010 , 49, 257-71	7.9	116

257	Oscillatory response function: towards a parametric model of rhythmic brain activity. <i>Human Brain Mapping</i> , 2010 , 31, 820-34	5.9	3
256	Transients may occur in functional magnetic resonance imaging without physiological basis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 20510-4	11.5	11
255	Reality of auditory verbal hallucinations. <i>Brain</i> , 2009 , 132, 2994-3001	11.2	74
254	Removal of magnetoencephalographic artifacts with temporal signal-space separation: demonstration with single-trial auditory-evoked responses. <i>Human Brain Mapping</i> , 2009 , 30, 1524-34	5.9	211
253	Strength of prefrontal activation predicts intensity of suggestion-induced pain. <i>Human Brain Mapping</i> , 2009 , 30, 2890-7	5.9	34
252	Facial expressions of pain modulate observer's long-latency responses in superior temporal sulcus. <i>Human Brain Mapping</i> , 2009 , 30, 3910-23	5.9	7
251	Changes in brain function and morphology in patients with recurring herpes simplex virus infections and chronic pain. <i>Pain</i> , 2009 , 144, 200-8	8	19
250	Brain basis of human social interaction: from concepts to brain imaging. <i>Physiological Reviews</i> , 2009 , 89, 453-79	47.9	445
249	Competing with peers: mentalizing-related brain activity reflects what is at stake. <i>NeuroImage</i> , 2009 , 46, 542-8	7.9	50
248	Dependencies between stimuli and spatially independent fMRI sources: towards brain correlates of natural stimuli. <i>NeuroImage</i> , 2009 , 48, 176-85	7.9	26
247	Predicting stimulus-rate sensitivity of human somatosensory fMRI signals with MEG. <i>Human Brain Mapping</i> , 2009 , 30, 1824-32	5.9	9
246	From local to global: Cortical dynamics of contour integration. <i>Journal of Vision</i> , 2008 , 8, 15.1-12	0.4	27
245	Early visual brain areas reflect the percept of an ambiguous scene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 20500-4	11.5	70
244	Listening to humans walking together activates the social brain circuitry. <i>Social Neuroscience</i> , 2008 , 3, 401-9	2	24
243	Phantom-based evaluation of geometric distortions in functional magnetic resonance and diffusion tensor imaging. <i>Magnetic Resonance in Medicine</i> , 2007 , 57, 754-63	4.4	16
242	The compassionate brain: humans detect intensity of pain from another's face. <i>Cerebral Cortex</i> , 2007 , 17, 230-7	5.1	311
241	Actor's and observer's primary motor cortices stabilize similarly after seen or heard motor actions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 9058-62	11.5	156
240	Manifest disease and motor cortex reactivity in twins discordant for schizophrenia. <i>British Journal of Psychiatry</i> , 2007 , 191, 178-9	5.4	22

239	A brush stimulator for functional brain imaging. <i>Clinical Neurophysiology</i> , 2007 , 118, 2620-4	4.3	35
238	Towards natural stimulation in fMRI—issues of data analysis. <i>NeuroImage</i> , 2007 , 35, 131-9	7.9	96
237	Face recognition and cortical responses: effect of stimulus duration. <i>NeuroImage</i> , 2007 , 35, 1636-44	7.9	24
236	Human mirroring systems. <i>Advances in Consciousness Research</i> , 2007 , 89-99		4
235	Improved differentiation of tactile activations in human secondary somatosensory cortex and thalamus using cardiac-triggered fMRI. <i>Experimental Brain Research</i> , 2006 , 174, 297-303	2.3	15
234	Transient suppression of ipsilateral primary somatosensory cortex during tactile finger stimulation. <i>Journal of Neuroscience</i> , 2006 , 26, 5819-24	6.6	180
233	Dissociation of face-selective cortical responses by attention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 1065-70	11.5	95
232	Touch activates human auditory cortex. <i>NeuroImage</i> , 2006 , 30, 1325-31	7.9	153
231	Quantification of mechanical vibration during diffusion tensor imaging at 3 T. <i>NeuroImage</i> , 2006 , 32, 93-103	7.9	32
230	The imprint of action: motor cortex involvement in visual perception of handwritten letters. <i>NeuroImage</i> , 2006 , 33, 681-8	7.9	69
229	Neuromagnetic responses to vowels vs. tones reveal hemispheric lateralization. <i>Clinical Neurophysiology</i> , 2006 , 117, 643-8	4.3	24
228	Action-perception connection and the cortical mu rhythm. <i>Progress in Brain Research</i> , 2006 , 159, 253-60	2.9	206
227	Functional phantom for fMRI: a feasibility study. <i>Magnetic Resonance Imaging</i> , 2006 , 24, 315-20	3.3	11
226	Diffusion tensor imaging and tractography of distal peripheral nerves at 3 T. <i>Clinical Neurophysiology</i> , 2005 , 116, 2315-23	4.3	117
225	Common cortical network for first and second pain. <i>NeuroImage</i> , 2005 , 24, 132-42	7.9	71
224	Viewing speech modulates activity in the left SI mouth cortex. <i>NeuroImage</i> , 2005 , 24, 731-7	7.9	66
223	Yearning to yawn: the neural basis of contagious yawning. <i>NeuroImage</i> , 2005 , 24, 1260-4	7.9	96
222	On the human sensorimotor-cortex beta rhythm: sources and modeling. <i>NeuroImage</i> , 2005 , 26, 347-55	7.9	279

221	Reproducibility of cortex-muscle coherence. <i>NeuroImage</i> , 2005 , 26, 764-70	7.9	43
220	Oscillatory motor cortex-muscle coupling during painful laser and nonpainful tactile stimulation. <i>NeuroImage</i> , 2005 , 26, 793-800	7.9	15
219	Broca's region: from action to language. <i>Physiology</i> , 2005 , 20, 60-9	9.8	233
218	Effects of long-term occupational solvent exposure on contrast sensitivity and performance in visual search. <i>Environmental Toxicology and Pharmacology</i> , 2005 , 19, 497-504	5.8	9
217	Suppressed responses to self-triggered sounds in the human auditory cortex. <i>Cerebral Cortex</i> , 2005 , 15, 299-302	5.1	194
216	Abnormal response recovery in the right somatosensory cortex of dyslexic adults. <i>Cerebral Cortex</i> , 2005 , 15, 507-13	5.1	3
215	Brain correlates of subjective reality of physically and psychologically induced pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 2147-51	11.5	98
214	Face recognition and cortical responses show similar sensitivity to noise spatial frequency. <i>Cerebral Cortex</i> , 2005 , 15, 526-34	5.1	91
213	Hands help hearing: facilitatory audiotactile interaction at low sound-intensity levels. <i>Journal of the Acoustical Society of America</i> , 2004 , 115, 830-2	2.2	77
212	Abnormal imitation-related cortical activation sequences in Asperger's syndrome. <i>Annals of Neurology</i> , 2004 , 55, 558-62	9.4	270
211	Distal-to-proximal representation of volar index finger in human area 3b. <i>NeuroImage</i> , 2004 , 21, 696-700	7.9	15
210	Cortical activation during a spatiotemporal tactile comparison task. <i>NeuroImage</i> , 2004 , 22, 815-21	7.9	20
209	Activation of the human primary motor cortex during observation of tool use. <i>NeuroImage</i> , 2004 , 23, 187-92	7.9	136
208	Modulation of motor-cortex oscillatory activity by painful A-delta- and C-fiber stimuli. <i>NeuroImage</i> , 2004 , 23, 569-73	7.9	82
207	Enhanced Extrastriate Activation during Observation of Distorted Finger Postures. <i>Journal of Cognitive Neuroscience</i> , 2003 , 15, 658-663	3.1	28
206	Effects of interstimulus interval on cortical responses to painful laser stimulation. <i>Journal of Clinical Neurophysiology</i> , 2003 , 20, 73-9	2.2	47
205	Impaired mirror-image imitation in Asperger and high-functioning autistic subjects. <i>Current Biology</i> , 2003 , 13, 339-41	6.3	99
204	Synchronous cortical oscillatory activity during motor action. <i>Current Opinion in Neurobiology</i> , 2003 , 13, 678-84	7.6	154

203	Dorsal penile nerve stimulation elicits left-hemisphere dominant activation in the second somatosensory cortex. <i>Human Brain Mapping</i> , 2003 , 18, 90-9	5.9	29
202	Diminished auditory mismatch fields in dyslexic adults. <i>Annals of Neurology</i> , 2003 , 53, 551-7	9.4	37
201	Comparison of BOLD fMRI and MEG characteristics to vibrotactile stimulation. <i>NeuroImage</i> , 2003 , 19, 1778-86	7.9	27
200	Activation of the human posterior parietal and temporoparietal cortices during audiotactile interaction. <i>NeuroImage</i> , 2003 , 20, 503-11	7.9	81
199	Task-dependent modulations of cortical oscillatory activity in human subjects during a bimanual precision grip task. <i>NeuroImage</i> , 2003 , 18, 67-73	7.9	75
198	Binaural interaction in the human auditory cortex revealed by neuromagnetic frequency tagging: no effect of stimulus intensity. <i>Hearing Research</i> , 2003 , 183, 1-6	3.9	36
197	Magnetoencephalographic analysis of bilaterally synchronous discharges in benign rolandic epilepsy of childhood. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2003 , 12, 448-55	3.2	11
196	Phase locking between human primary and secondary somatosensory cortices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 2691-4	11.5	62
195	Enhanced extrastriate activation during observation of distorted finger postures. <i>Journal of Cognitive Neuroscience</i> , 2003 , 15, 658-63	3.1	7
194	Neuromagnetic responses to frequency-tagged sounds: a new method to follow inputs from each ear to the human auditory cortex during binaural hearing. <i>Journal of Neuroscience</i> , 2002 , 22, RC205	6.6	58
193	Magnetoencephalographic Characterization of Dynamic Brain Activation: Basic Principles and Methods of Data Collection and Source Analysis 2002 , 227-253		29
192	Human cortical representation of virtual auditory space: differences between sound azimuth and elevation. <i>European Journal of Neuroscience</i> , 2002 , 16, 2207-13	3.5	50
191	Whose arm is it anyway? An fMRI case study of supernumerary phantom limb. <i>Brain</i> , 2002 , 125, 1265-74	11.2	69
190	Auditory cortical responses to speech-like stimuli in dyslexic adults. <i>Journal of Cognitive Neuroscience</i> , 2002 , 14, 757-68	3.1	46
189	Defective cortical drive to muscle in Parkinson's disease and its improvement with levodopa. <i>Brain</i> , 2002 , 125, 491-500	11.2	132
188	Oscillatory cortical drive to isometrically contracting muscle in Unverricht-Lundborg type progressive myoclonus epilepsy (ULD). <i>Clinical Neurophysiology</i> , 2002 , 113, 1973-9	4.3	18
187	Magnetoencephalographic correlates of audiotactile interaction. <i>NeuroImage</i> , 2002 , 15, 509-22	7.9	83
186	Left-hemisphere-dominant SII activation after bilateral median nerve stimulation. <i>NeuroImage</i> , 2002 , 15, 686-90	7.9	23

185	Cortical activation associated with passive movements of the human index finger: an MEG study. <i>NeuroImage</i> , 2002 , 15, 691-6	7.9	44
184	Visually evoked gamma responses in the human brain are enhanced during voluntary hyperventilation. <i>NeuroImage</i> , 2002 , 15, 575-86	7.9	24
183	Modulated activation of the human SI and SII cortices during observation of hand actions. <i>NeuroImage</i> , 2002 , 15, 640-6	7.9	157
182	Mind@ ear in a musician: where and when in the brain. <i>NeuroImage</i> , 2002 , 16, 434-40	7.9	55
181	Comparison of minimum current estimate and dipole modeling in the analysis of simulated activity in the human visual cortices. <i>NeuroImage</i> , 2002 , 16, 936-43	7.9	40
180	Viewing lip forms: cortical dynamics. <i>Neuron</i> , 2002 , 36, 1211-20	13.9	311
179	Altered central sensorimotor processing in patients with complex regional pain syndrome. <i>Pain</i> , 2002 , 98, 315-323	8	248
178	Brain rhythms and reactivity of the human motor cortex. <i>International Congress Series</i> , 2002 , 1226, 87-95		5
177	Facilitation of the spinal H-reflex by auditory stimulation in dyslexic adults. <i>Neuroscience Letters</i> , 2002 , 327, 213-5	3.3	
176	Cortico-muscular coupling in a human subject with mirror movements--a magnetoencephalographic study. <i>Neuroscience Letters</i> , 2002 , 327, 185-8	3.3	19
175	Left minineglect in dyslexic adults. <i>Brain</i> , 2001 , 124, 1373-80	11.2	122
174	Three-dimensional integration of brain anatomy and function to facilitate intraoperative navigation around the sensorimotor strip. <i>Human Brain Mapping</i> , 2001 , 12, 180-92	5.9	81
173	Coinciding early activation of the human primary visual cortex and anteromedial cuneus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 2776-80	11.5	150
172	Sustained activation of the human SII cortices by stimulus trains. <i>NeuroImage</i> , 2001 , 13, 497-501	7.9	41
171	Evidence for a 7- to 9-Hz "sigma" rhythm in the human SII cortex. <i>NeuroImage</i> , 2001 , 13, 662-8	7.9	14
170	Oscillatory interaction between human motor cortex and trunk muscles during isometric contraction. <i>NeuroImage</i> , 2001 , 14, 1206-13	7.9	32
169	Impaired processing of rapid stimulus sequences in dyslexia. <i>Trends in Cognitive Sciences</i> , 2001 , 5, 525-532		355
168	Functional overlap of finger representations in human SI and SII cortices. <i>Journal of Neurophysiology</i> , 2001 , 86, 1661-5	3.2	45

167	Stronger reactivity of the human primary motor cortex during observation of live rather than video motor acts. <i>NeuroReport</i> , 2001 , 12, 3493-5	1.7	98
166	Relation between frontal 3-7 Hz MEG activity and the efficacy of ECT in major depression. <i>Journal of ECT</i> , 2001 , 17, 136-40	2	43
165	Brain Mechanisms of Action Observation. <i>International Journal of Circumpolar Health</i> , 2001 , 60, 21-21	1.7	
164	MEG Studies of Autism. <i>International Journal of Circumpolar Health</i> , 2001 , 60, 22-22	1.7	
163	Neuromagnetism: tracking the dynamics of the brain. <i>Physics World</i> , 2000 , 13, 33-38	0.5	7
162	Auditory cortex activation associated with octave illusion. <i>NeuroReport</i> , 2000 , 11, 1469-1472	1.7	19
161	Speaking modifies voice-evoked activity in the human auditory cortex. <i>Human Brain Mapping</i> , 2000 , 9, 183-91	5.9	239
160	Human cortical muscle coherence is directly related to specific motor parameters. <i>Journal of Neuroscience</i> , 2000 , 20, 8838-45	6.6	310
159	The Human Motor System 2000 , 331-363		14
158	Temporal dynamics of cortical representation for action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 913-8	11.5	496
157	Audiovisual integration of letters in the human brain. <i>Neuron</i> , 2000 , 28, 617-25	13.9	203
156	Timing of human cortical functions during cognition: role of MEG. <i>Trends in Cognitive Sciences</i> , 2000 , 4, 455-462	14	102
155	Differential effects of muscle contraction from various body parts on neuromagnetic somatosensory responses. <i>NeuroImage</i> , 2000 , 11, 334-40	7.9	78
154	Abnormal reactivity of the approximately 20-Hz motor cortex rhythm in Unverricht Lundborg type progressive myoclonus epilepsy. <i>NeuroImage</i> , 2000 , 12, 707-12	7.9	45
153	Cortical visuomotor integration during eye pursuit and eye-finger pursuit. <i>Journal of Neuroscience</i> , 1999 , 19, 2647-57	6.6	36
152	Modified activation of somatosensory cortical network in patients with right-hemisphere stroke. <i>Brain</i> , 1999 , 122 (Pt 10), 1889-99	11.2	126
151	[18F]FDG-PET and whole-scalp MEG localization of epileptogenic cortex. <i>Epilepsia</i> , 1999 , 40, 921-30	6.4	48
150	Effects of voluntary hyperventilation on cortical sensory responses. Electroencephalographic and magnetoencephalographic studies. <i>Experimental Brain Research</i> , 1999 , 125, 248-54	2.3	46

149	Stronger occipital cortical activation to lower than upper visual field stimuli. Neuromagnetic recordings. <i>Experimental Brain Research</i> , 1999 , 124, 287-94	2.3	116
148	Subject's own speech reduces reactivity of the human auditory cortex. <i>Neuroscience Letters</i> , 1999 , 265, 119-22	3.3	126
147	Prolonged attentional dwell time in dyslexic adults. <i>Neuroscience Letters</i> , 1999 , 271, 202-4	3.3	134
146	Mu rhythm modulation during changes of visual percepts. <i>Neuroscience</i> , 1999 , 91, 21-31	3.9	61
145	Where the abstract feature maps of the brain might come from. <i>Trends in Neurosciences</i> , 1999 , 22, 135-9	13.3	56
144	Ipsilateral movement-evoked fields reconsidered. <i>NeuroImage</i> , 1999 , 10, 582-8	7.9	14
143	Relationship between responses to contra- and ipsilateral stimuli in the human second somatosensory cortex SII. <i>NeuroImage</i> , 1999 , 10, 408-16	7.9	51
142	Somatosensory evoked fields to large-area vibrotactile stimuli. <i>Clinical Neurophysiology</i> , 1999 , 110, 905-9	4.3	21
141	Left-hemisphere dominance for processing of vowels: a whole-scalp neuromagnetic study. <i>NeuroReport</i> , 1999 , 10, 2987-91	1.7	51
140	Non-impaired auditory phase locking in dyslexic adults. <i>NeuroReport</i> , 1999 , 10, 2347-8	1.7	48
139	Normal movement reading in Asperger subjects. <i>NeuroReport</i> , 1999 , 10, 3467-70	1.7	77
138	Modification of neuromagnetic cortical signals by thalamic infarctions. <i>Electroencephalography and Clinical Neurophysiology</i> , 1998 , 106, 433-43		36
137	Vibration-induced auditory-cortex activation in a congenitally deaf adult. <i>Current Biology</i> , 1998 , 8, 869-75	7.3	197
136	Three hands: fragmentation of human bodily awareness. <i>Neuroscience Letters</i> , 1998 , 240, 131-4	3.3	93
135	Neuromagnetic sequelae of herpes simplex encephalitis. <i>Electroencephalography and Clinical Neurophysiology</i> , 1998 , 106, 251-8		5
134	Responsiveness of human cortical activity to rhythmical stimulation: a three-modality, whole-cortex neuromagnetic investigation. <i>NeuroImage</i> , 1998 , 7, 209-23	7.9	17
133	Human cortical-evoked fields during detection, localisation, and identification of pop-out targets. <i>Perception</i> , 1998 , 27, 215-24	1.2	8
132	Activation of human primary motor cortex during action observation: a neuromagnetic study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 15061-5	11.5	746

131	Cortical correlate of the Piper rhythm in humans. <i>Journal of Neurophysiology</i> , 1998 , 80, 2911-7	3.2	292
130	Modulation of the parieto-occipital alpha rhythm during object detection. <i>Journal of Neuroscience</i> , 1997 , 17, 7141-7	6.6	166
129	Visual motion activates V5 in dyslexics. <i>NeuroReport</i> , 1997 , 8, 1939-42	1.7	49
128	Activation of human V5 complex and rolandic regions in association with moving visual stimuli. <i>NeuroImage</i> , 1997 , 5, 241-50	7.9	31
127	Modulation of human cortical rolandic rhythms during natural sensorimotor tasks. <i>NeuroImage</i> , 1997 , 5, 221-8	7.9	205
126	Involvement of primary motor cortex in motor imagery: a neuromagnetic study. <i>NeuroImage</i> , 1997 , 6, 201-8	7.9	279
125	Human cortical oscillations: a neuromagnetic view through the skull. <i>Trends in Neurosciences</i> , 1997 , 20, 44-9	13.3	529
124	Magnetoencephalographic cortical rhythms. <i>International Journal of Psychophysiology</i> , 1997 , 26, 51-62	2.9	214
123	Evidence for reactive magnetic 10-Hz rhythm in the human auditory cortex. <i>Neuroscience Letters</i> , 1997 , 222, 111-4	3.3	118
122	Activation trace lifetime of human cortical responses evoked by apparent visual motion. <i>Neuroscience Letters</i> , 1997 , 224, 45-8	3.3	31
121	Right-hemisphere preponderance of responses to painful CO ₂ stimulation of the human nasal mucosa. <i>Pain</i> , 1997 , 72, 145-51	8	100
120	Face-specific responses from the human inferior occipito-temporal cortex. <i>Neuroscience</i> , 1997 , 77, 49-55	3.9	133
119	Cortical control of human motoneuron firing during isometric contraction. <i>Journal of Neurophysiology</i> , 1997 , 77, 3401-5	3.2	439
118	Temporal Aspects of Human Auditory Cortical Processing 1997 , 321-328		
117	Deviant auditory stimuli activate human left and right auditory cortex differently. <i>Cerebral Cortex</i> , 1996 , 6, 288-96	5.1	179
116	Preference of personal to extrapersonal space in a visuomotor task. <i>Journal of Cognitive Neuroscience</i> , 1996 , 8, 305-7	3.1	39
115	Time-varying activation of different cytoarchitectonic areas of the human SI cortex after tibial nerve stimulation. <i>NeuroImage</i> , 1996 , 4, 111-8	7.9	35
114	Cortical magnification, scale invariance and visual ecology. <i>Vision Research</i> , 1996 , 36, 2971-7	2.1	67

113	Odorants activate the human superior temporal sulcus. <i>Neuroscience Letters</i> , 1996 , 203, 143-5	3.3	72
112	Deficit of temporal auditory processing in dyslexic adults. <i>Neuroscience Letters</i> , 1996 , 205, 138-40	3.3	139
111	Human cortical 40 Hz rhythm is closely related to EMG rhythmicity. <i>Neuroscience Letters</i> , 1996 , 213, 75-83.3		138
110	Movement-related slow cortical magnetic fields and changes of spontaneous MEG- and EEG-brain rhythms. <i>Electroencephalography and Clinical Neurophysiology</i> , 1996 , 99, 274-86		112
109	Distributions and sources of magnetoencephalographic K-complexes. <i>Electroencephalography and Clinical Neurophysiology</i> , 1996 , 99, 544-55		29
108	Future of functional brain imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1996 , 23, 737-40		7
107	Visual awareness of objects correlates with activity of right occipital cortex. <i>NeuroReport</i> , 1996 , 8, 183-61.7		114
106	Magnetic source imaging during a visually guided task. <i>NeuroReport</i> , 1996 , 7, 2961-4	1.7	67
105	Information processing in the human brain: magnetoencephalographic approach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 8809-15	11.5	82
104	Activation of human mesial cortex during somatosensory target detection task. <i>Brain Research</i> , 1996 , 734, 229-235	3.7	69
103	Cortical sources of human short-latency somatosensory evoked fields to median and ulnar nerve stimuli. <i>Brain Research</i> , 1996 , 737, 25-33	3.7	18
102	Cardiac artifacts in magnetoencephalogram. <i>Journal of Clinical Neurophysiology</i> , 1996 , 13, 172-6	2.2	36
101	Interaction between afferent input from fingers in human somatosensory cortex. <i>Brain Research</i> , 1995 , 685, 68-76	3.7	43
100	Tactile information from the human hand reaches the ipsilateral primary somatosensory cortex. <i>Neuroscience Letters</i> , 1995 , 200, 25-8	3.3	103
99	Reactivity of magnetic parieto-occipital alpha rhythm during visual imagery. <i>Electroencephalography and Clinical Neurophysiology</i> , 1995 , 95, 453-62		69
98	Bilateral activation of the human somatomotor cortex by distal hand movements. <i>Electroencephalography and Clinical Neurophysiology</i> , 1995 , 95, 444-52		128
97	Functional segregation of movement-related rhythmic activity in the human brain. <i>NeuroImage</i> , 1995 , 2, 237-43	7.9	436
96	Illusory directional hearing in humans. <i>Neuroscience Letters</i> , 1995 , 189, 29-30	3.3	40

95	Trigeminally triggered epileptic hemifacial convulsions. <i>NeuroReport</i> , 1995 , 6, 918-20	1.7	12
94	Tracking brain functions in space and time. <i>Behavioral and Brain Sciences</i> , 1995 , 18, 359-360	0.9	
93	Do auditory stimuli activate human parietal brain regions?. <i>NeuroReport</i> , 1995 , 6, 1712-4	1.7	3
92	Abrupt unilateral deafness modifies function of human auditory pathways. <i>NeuroReport</i> , 1995 , 6, 961-4	1.7	57
91	Dynamics of brain activation during picture naming. <i>Nature</i> , 1994 , 368, 463-5	50.4	298
90	Comment: MEG in the study of epilepsy. <i>Acta Neurologica Scandinavica</i> , 1994 , 152, 89-90	3.8	3
89	Magnetoencephalographic evaluation of children and adolescents with intractable epilepsy. <i>Epilepsia</i> , 1994 , 35, 275-84	6.4	62
88	Cortical reactivity in progressive myoclonus epilepsy. <i>Electroencephalography and Clinical Neurophysiology</i> , 1994 , 90, 93-102		44
87	Characterization of spontaneous MEG rhythms in healthy adults. <i>Electroencephalography and Clinical Neurophysiology</i> , 1994 , 91, 237-48		206
86	Effect of interaural time differences on middle-latency and late auditory evoked magnetic fields. <i>Hearing Research</i> , 1994 , 78, 249-57	3.9	39
85	Human auditory cortical mechanisms of sound lateralisation: III. Monaural and binaural shift responses. <i>Hearing Research</i> , 1994 , 81, 91-9	3.9	47
84	Auditory cortical responses in humans with congenital unilateral conductive hearing loss. <i>Hearing Research</i> , 1994 , 78, 91-7	3.9	28
83	Spatiotemporal characteristics of sensorimotor neuromagnetic rhythms related to thumb movement. <i>Neuroscience</i> , 1994 , 60, 537-50	3.9	619
82	Human cortical functions revealed by magnetoencephalography. <i>Progress in Brain Research</i> , 1994 , 100, 163-8	2.9	4
81	Neuromagnetic cortical signals in a patient with hydrocephalus. <i>NeuroReport</i> , 1994 , 5, 1125-8	1.7	3
80	Use of a computerized brain atlas in magnetoencephalographic activation studies. <i>NeuroReport</i> , 1994 , 5, 449-52	1.7	2
79	Magnetoencephalography in the Study of Human Brain Functions 1994 , 368-378		
78	Determinants of the auditory mismatch response. <i>Electroencephalography and Clinical Neurophysiology</i> , 1993 , 87, 144-53		68

77	Human auditory cortical mechanisms of sound lateralization: II. Interaural time differences at sound onset. <i>Hearing Research</i> , 1993 , 67, 98-109	3.9	56
76	Magnetoencephalography theory, instrumentation, and applications to noninvasive studies of the working human brain. <i>Reviews of Modern Physics</i> , 1993 , 65, 413-497	40.5	3275
75	Temporal integration and oscillatory responses of the human auditory cortex revealed by evoked magnetic fields to click trains. <i>Hearing Research</i> , 1993 , 68, 89-96	3.9	47
74	Human auditory cortical mechanisms of sound lateralization: I. Interaural time differences within sound. <i>Hearing Research</i> , 1993 , 67, 89-97	3.9	40
73	Auditory evoked fields covary with perceptual grouping. <i>Biological Psychology</i> , 1993 , 35, 1-15	3.2	29
72	The Human Auditory Sensory Memory Trace Persists about 10 sec: Neuromagnetic Evidence. <i>Journal of Cognitive Neuroscience</i> , 1993 , 5, 363-70	3.1	287
71	Parietal epileptic mirror focus detected with a whole-head neuromagnetometer. <i>NeuroReport</i> , 1993 , 5, 45-8	1.7	40
70	Phonetic invariance in the human auditory cortex. <i>NeuroReport</i> , 1993 , 4, 1356-8	1.7	56
69	Responses of the human auditory cortex to changes in one versus two stimulus features. <i>Experimental Brain Research</i> , 1993 , 97, 177-83	2.3	75
68	Functional organization of the human first and second somatosensory cortices: a neuromagnetic study. <i>European Journal of Neuroscience</i> , 1993 , 5, 724-34	3.5	421
67	Independence of steady-state 40-Hz response and spontaneous 10-Hz activity in the human auditory cortex. <i>Brain Research</i> , 1993 , 629, 19-22	3.7	10
66	Suppression of magnetic mu rhythm during parkinsonian tremor. <i>Brain Research</i> , 1993 , 617, 189-93	3.7	20
65	Neuromagnetic auditory evoked responses after a stroke in the right temporal lobe. <i>NeuroReport</i> , 1992 , 3, 94-6	1.7	37
64	A consensus statement on relative merits of EEG and MEG. European Concerted Action on Biomagnetism, Lyon meeting, November 26 and 27, 1991. <i>Electroencephalography and Clinical Neurophysiology</i> , 1992 , 82, 317-9		28
63	Cortical somatosensory magnetic responses in multiple sclerosis. <i>Electroencephalography and Clinical Neurophysiology</i> , 1992 , 83, 192-200		24
62	Neuromagnetic mismatch fields to single and paired tones. <i>Electroencephalography and Clinical Neurophysiology</i> , 1992 , 82, 152-4		54
61	Interaction of afferent impulses in the human primary sensorimotor cortex. <i>Electroencephalography and Clinical Neurophysiology</i> , 1992 , 82, 176-81		50
60	Generator sites of spontaneous MEG activity during sleep. <i>Electroencephalography and Clinical Neurophysiology</i> , 1992 , 82, 182-96		58

59	Magnetoencephalographic localization of epileptic cortex--impact on surgical treatment. <i>Annals of Neurology</i> , 1992 , 32, 106-9	9.4	70
58	On brain magnetic responses to sensory stimuli. <i>Journal of Clinical Neurophysiology</i> , 1991 , 8, 157-69	2.2	75
57	Landau-Kleffner syndrome. <i>NeuroReport</i> , 1991 , 2, 201-204	1.7	52
56	Bilateral electrical stimulation of a congenitally-deaf ear and of an acquired-deaf ear. <i>Acta Oto-Laryngologica</i> , 1991 , 111, 263-8	1.6	15
55	Brain activity associated with skilled finger movements: multichannel magnetic recordings. <i>Brain Topography</i> , 1991 , 3, 433-9	4.3	14
54	MEG versus EEG localization test. <i>Annals of Neurology</i> , 1991 , 30, 222-223	9.4	17
53	Activation of the human auditory cortex by speech sounds. <i>Acta Oto-Laryngologica</i> , 1991 , 491, 132-7; discussion 138	1.6	20
52	Magnetoencephalographic 10-Hz rhythm from the human auditory cortex. <i>Neuroscience Letters</i> , 1991 , 129, 303-5	3.3	107
51	Seeing speech: visual information from lip movements modifies activity in the human auditory cortex. <i>Neuroscience Letters</i> , 1991 , 127, 141-5	3.3	325
50	Seeing faces activates three separate areas outside the occipital visual cortex in man. <i>Neuroscience</i> , 1991 , 43, 287-90	3.9	93
49	Auditory attention affects two different areas in the human supratemporal cortex. <i>Electroencephalography and Clinical Neurophysiology</i> , 1991 , 79, 464-72		151
48	Magnetoencephalography in the study of human auditory information processing. <i>Annals of the New York Academy of Sciences</i> , 1991 , 620, 102-17	6.5	27
47	Critical comments on magnetoencephalographic studies of epileptic patients. <i>International Journal of Neuroscience</i> , 1990 , 55, 137-8	2	
46	Separate finger representations at the human second somatosensory cortex. <i>Neuroscience</i> , 1990 , 37, 245-9	3.9	116
45	Magnetoencephalography in the study of epilepsy. <i>Neurophysiologie Clinique</i> , 1990 , 20, 169-87	2.7	17
44	Magnetic evoked fields of the human brain: basic principles and applications. <i>Electroencephalography and Clinical Neurophysiology Supplement</i> , 1990 , 41, 3-12		13
43	Recording and interpretation of cerebral magnetic fields. <i>Science</i> , 1989 , 244, 432-6	33.3	154
42	Multi-SQUID Recordings of Human Cerebral Magnetic Fields May Give Information about Memory Processes. <i>Europhysics Letters</i> , 1989 , 9, 603-608	1.6	67

41	Omissions of Auditory Stimuli May Activate Frontal Cortex. <i>European Journal of Neuroscience</i> , 1989 , 1, 524-528	3.5	31
40	Magnetic mu rhythm in man. <i>Neuroscience</i> , 1989 , 32, 793-800	3.9	113
39	Multichannel detection of magnetic compound action fields of median and ulnar nerves. <i>Electroencephalography and Clinical Neurophysiology</i> , 1989 , 72, 277-80		43
38	Reactions of human auditory cortex to a change in tone duration. <i>Hearing Research</i> , 1989 , 41, 15-21	3.9	142
37	Neuromagnetic responses of human auditory cortex to interruptions in a steady rhythm. <i>Neuroscience Letters</i> , 1989 , 99, 164-8	3.3	61
36	Neuromagnetic steady-state responses to auditory stimuli. <i>Journal of the Acoustical Society of America</i> , 1989 , 86, 1033-9	2.2	158
35	Activation of the Human Auditory Cortex by Various Sound Sequences : Neuromagnetic Studies 1989 , 87-92		2
34	Magnetic responses of the human auditory cortex to noise/square wave transitions. <i>Electroencephalography and Clinical Neurophysiology</i> , 1988 , 69, 423-30		91
33	Neuromagnetic responses from a deaf subject to stimuli presented through a multichannel cochlear prosthesis. <i>Ear and Hearing</i> , 1988 , 9, 148-52	3.4	16
32	Cerebral magnetic responses to stimulation of tibial and sural nerves. <i>Journal of the Neurological Sciences</i> , 1987 , 79, 43-54	3.2	28
31	Evidence for cortical origin of the 40 Hz auditory evoked response in man. <i>Electroencephalography and Clinical Neurophysiology</i> , 1987 , 66, 539-46		155
30	Cerebral magnetic responses to stimulation of ulnar and median nerves. <i>Electroencephalography and Clinical Neurophysiology</i> , 1987 , 66, 391-400		76
29	Different analysis of frequency and amplitude modulations of a continuous tone in the human auditory cortex: a neuromagnetic study. <i>Hearing Research</i> , 1987 , 27, 257-64	3.9	82
28	Long-latency OFF-responses from the human sensorimotor cortex to tetanizing stimulation of thenar muscles. <i>Neuroscience Letters</i> , 1987 , 74, 63-8	3.3	1
27	Cortical origin of middle-latency auditory evoked responses in man. <i>Neuroscience Letters</i> , 1987 , 82, 303-3	3.3	121
26	Crossmodal interaction is reflected in vertex potentials but not in evoked magnetic fields. <i>Acta Neurologica Scandinavica</i> , 1987 , 75, 410-6	3.8	5
25	Cerebral magnetic fields evoked by peroneal nerve stimulation. <i>Somatosensory & Motor Research</i> , 1986 , 3, 309-21		42
24	Cortical responses to painful CO2 stimulation of nasal mucosa; a magnetoencephalographic study in man. <i>Electroencephalography and Clinical Neurophysiology</i> , 1986 , 64, 347-9		123

23	Activation of the auditory cortex by cochlear stimulation in a deaf patient. <i>Neuroscience Letters</i> , 1986 , 68, 192-6	3.3	22
22	The effect of tourniquet-induced ischemia on somatically evoked cerebral magnetic fields in man. <i>Acta Neurologica Scandinavica</i> , 1985 , 72, 419-26	3.8	3
21	Magnetic fields produced by eye blinking. <i>Electroencephalography and Clinical Neurophysiology</i> , 1985 , 61, 247-53		31
20	Cerebral neuromagnetic responses evoked by short auditory stimuli. <i>Electroencephalography and Clinical Neurophysiology</i> , 1985 , 61, 254-66		190
19	Somatosensory evoked cerebral magnetic fields from SI and SII in man. <i>Electroencephalography and Clinical Neurophysiology</i> , 1984 , 57, 254-63		295
18	A four-channel SQUID magnetometer for brain research. <i>Electroencephalography and Clinical Neurophysiology</i> , 1984 , 58, 467-73		65
17	The activation of unmyelinated or myelinated afferent fibers by brief infrared laser pulses varies with skin type. <i>Brain Research</i> , 1984 , 307, 341-3	3.7	16
16	Responses of the primary auditory cortex to pitch changes in a sequence of tone pips: neuromagnetic recordings in man. <i>Neuroscience Letters</i> , 1984 , 50, 127-32	3.3	384
15	Neuromagnetic localization of cortical activity evoked by painful dental stimulation in man. <i>Neuroscience Letters</i> , 1983 , 42, 77-82	3.3	92
14	Neuromagnetic responses from the second somatosensory cortex in man. <i>Acta Neurologica Scandinavica</i> , 1983 , 68, 207-12	3.8	74
13	Cerebral magnetic fields preceding self-paced plantar flexions of the foot. <i>Acta Neurologica Scandinavica</i> , 1983 , 68, 213-7	3.8	7
12	Slow EEG potentials preceding self-paced plantar flexions of hand and foot. <i>Acta Physiologica Scandinavica</i> , 1983 , 119, 55-9		5
11	Somatosensory evoked magnetic fields: Mappings and the influence of the stimulus repetition rate. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1983 , 2, 429-437		19
10	Studies of auditory evoked magnetic and electric responses: Modality specificity and modelling. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1983 , 2, 471-483		39
9	Cerebral magnetic fields associated with voluntary limb movements in man. <i>Nuovo Cimento Della Societa Italiana Di Fisica D - Condensed Matter, Atomic, Molecular and Chemical Physics, Biophysics</i> , 1983 , 2, 484-494		31
8	Interstimulus interval dependence of the auditory vertex response and its magnetic counterpart: implications for their neural generation. <i>Electroencephalography and Clinical Neurophysiology</i> , 1982 , 54, 561-9		306
7	Brainstem auditory evoked responses and alpha-pattern coma. <i>Annals of Neurology</i> , 1982 , 11, 187-9	9.4	12
6	Auditory evoked transient and sustained magnetic fields of the human brain. Localization of neural generators. <i>Experimental Brain Research</i> , 1980 , 40, 237-40	2.3	379

5	Evoked potentials elicited by long vibrotactile stimuli in the human EEG. <i>Pflugers Archiv European Journal of Physiology</i> , 1980 , 384, 167-70	4.6	42
4	Auditory evoked transient and sustained potentials in the human EEG: I. Effects of expectation of stimuli. <i>Psychiatry Research</i> , 1979 , 1, 297-306	9.9	16
3	Auditory evoked transient and sustained potentials in the human EEG: II. Effects of small doses of ethanol. <i>Psychiatry Research</i> , 1979 , 1, 307-12	9.9	15
2	Effect of stimulus repetition on negative sustained potentials elicited by auditory and visual stimuli in the human EEG. <i>Biological Psychology</i> , 1978 , 7, 1-12	3.2	57
1	Rhythmical changes in the abundance of human EEG theta activity. <i>Journal of Interdisciplinary Cycle Research</i> , 1977 , 8, 246-249		1