

# Axel Thielscher

## 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.

128  
papers

6,366  
citations

40  
h-index

78  
g-index

148  
ext. papers

8,338  
ext. citations

5.1  
avg. IF

6.25  
L-index

#	Paper	IF	Citations
128	A checklist for assessing the methodological quality of concurrent tES-fMRI studies (ContES checklist): a consensus study and statement.. <i>Nature Protocols</i> , <b>2022</b> ,	18.8	1
127	Differences in electric field strength between clinical and non-clinical populations induced by prefrontal tDCS: A cross-diagnostic, individual MRI-based modeling study.. <i>NeuroImage: Clinical</i> , <b>2022</b> , 34, 103011	5.3	0
126	Relationship between high-frequency activity in the cortical sensory and the motor hand areas, and their myelin content.. <i>Brain Stimulation</i> , <b>2022</b> , 15, 717-726	5.1	0
125	Database of 25 validated coil models for electric field simulations for TMS.. <i>Brain Stimulation</i> , <b>2022</b> , 15, 697-706	5.1	0
124	Multichannel anodal tDCS over the left dorsolateral prefrontal cortex in a paediatric population. <i>Scientific Reports</i> , <b>2021</b> , 11, 21512	4.9	0
123	Interindividual variability of electric fields during transcranial temporal interference stimulation (tTIS). <i>Scientific Reports</i> , <b>2021</b> , 11, 20357	4.9	3
122	Efficient high-resolution TMS mapping of the human motor cortex by nonlinear regression. <i>NeuroImage</i> , <b>2021</b> , 245, 118654	7.9	0
121	The Myelin Content of the Human Precentral Hand Knob Reflects Interindividual Differences in Manual Motor Control at the Physiological and Behavioral Level. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 3163-3179	6.6	8
120	Transcranial focused ultrasound stimulation with high spatial resolution. <i>Brain Stimulation</i> , <b>2021</b> , 14, 290-300	5.1	10
119	Recordings of Neural Magnetic Activity From the Auditory Brainstem Using Color Centers in Diamond: A Simulation Study. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 643614	5.1	2
118	The impact of CT image parameters and skull heterogeneity modeling on the accuracy of transcranial focused ultrasound simulations. <i>Journal of Neural Engineering</i> , <b>2021</b> , 18,	5	2
117	Safety evaluation of a new setup for transcranial electric stimulation during magnetic resonance imaging. <i>Brain Stimulation</i> , <b>2021</b> , 14, 488-497	5.1	1
116	Effects of bifrontal transcranial direct current stimulation on brain glutamate levels and resting state connectivity: multimodal MRI data for the cathodal stimulation site. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2021</b> , 271, 111-122	5.1	7
115	Inter-individual and age-dependent variability in simulated electric fields induced by conventional transcranial electrical stimulation. <i>NeuroImage</i> , <b>2021</b> , 224, 117413	7.9	20
114	Detection of biological signals from a live mammalian muscle using an early stage diamond quantum sensor. <i>Scientific Reports</i> , <b>2021</b> , 11, 2412	4.9	12
113	Sensitivity and resolution improvement for in vivo magnetic resonance current-density imaging of the human brain. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> , 86, 3131-3146	4.4	1
112	Concurrent TMS-fMRI for causal network perturbation and proof of target engagement. <i>NeuroImage</i> , <b>2021</b> , 237, 118093	7.9	12

111	Estimation of individually induced e-field strength during transcranial electric stimulation using the head circumference. <i>Brain Stimulation</i> , <b>2021</b> , 14, 1055-1058	5.1	4
110	On the reconstruction of magnetic resonance current density images of the human brain: Pitfalls and perspectives. <i>NeuroImage</i> , <b>2021</b> , 243, 118517	7.9	0
109	Fast evaluation of the Biot-Savart integral using FFT for electrical conductivity imaging. <i>Journal of Computational Physics</i> , <b>2020</b> , 411, 109408	4.1	6
108	Transducer modeling for accurate acoustic simulations of transcranial focused ultrasound stimulation. <i>Journal of Neural Engineering</i> , <b>2020</b> , 17, 046010	5	11
107	Guidelines for TMS/tES clinical services and research through the COVID-19 pandemic. <i>Brain Stimulation</i> , <b>2020</b> , 13, 1124-1149	5.1	45
106	Accurate and robust whole-head segmentation from magnetic resonance images for individualized head modeling. <i>NeuroImage</i> , <b>2020</b> , 219, 117044	7.9	14
105	A novel approach to localize cortical TMS effects. <i>NeuroImage</i> , <b>2020</b> , 209, 116486	7.9	41
104	Value and limitations of intracranial recordings for validating electric field modeling for transcranial brain stimulation. <i>NeuroImage</i> , <b>2020</b> , 208, 116431	7.9	22
103	Stimulating aged brains with transcranial direct current stimulation: Opportunities and challenges. <i>Psychiatry Research - Neuroimaging</i> , <b>2020</b> , 306, 111179	2.9	9
102	Accurate TMS Head Modeling: Interfacing SimNIBS and BEM-FMM in a MATLAB-Based Module. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2020</b> , 2020, 5326-5329	0.9	0
101	Increasing propensity to mind-wander by transcranial direct current stimulation? A registered report. <i>European Journal of Neuroscience</i> , <b>2020</b> , 51, 755-780	3.5	16
100	Probing EEG activity in the targeted cortex after focal transcranial electrical stimulation. <i>Brain Stimulation</i> , <b>2020</b> , 13, 815-818	5.1	2
99	Optimizing the electric field strength in multiple targets for multichannel transcranial electric stimulation. <i>Journal of Neural Engineering</i> , <b>2020</b> ,	5	3
98	Accessibility of cortical regions to focal TES: Dependence on spatial position, safety, and practical constraints. <i>NeuroImage</i> , <b>2019</b> , 203, 116183	7.9	29
97	Optimization of tumor treating fields using singular value decomposition and minimization of field anisotropy. <i>Physics in Medicine and Biology</i> , <b>2019</b> , 64, 04NT03	3.8	8
96	The stray magnetic fields in Magnetic Resonance Current Density Imaging (MRCDI). <i>Physica Medica</i> , <b>2019</b> , 59, 142-150	2.7	7
95	Towards precise brain stimulation: Is electric field simulation related to neuromodulation?. <i>Brain Stimulation</i> , <b>2019</b> , 12, 1159-1168	5.1	57
94	Can Transcranial Electrical Stimulation Localize Brain Function?. <i>Frontiers in Psychology</i> , <b>2019</b> , 10, 213	3.4	27

93	Commentary: Transcranial stimulation of the frontal lobes increases propensity of mind-wandering without changing meta-awareness. <i>Frontiers in Psychology</i> , <b>2019</b> , 10, 130	3.4	2
92	Blinding is compromised for transcranial direct current stimulation at 1mA for 20min in young healthy adults. <i>European Journal of Neuroscience</i> , <b>2019</b> , 50, 3261-3268	3.5	45
91	Distilling the essence of TMS-evoked EEG potentials (TEPs): A call for securing mechanistic specificity and experimental rigor. <i>Brain Stimulation</i> , <b>2019</b> , 12, 1051-1054	5.1	24
90	Safety of transcranial focused ultrasound stimulation: A systematic review of the state of knowledge from both human and animal studies. <i>Brain Stimulation</i> , <b>2019</b> , 12, 1367-1380	5.1	42
89	Electric field simulations for transcranial brain stimulation using FEM: an efficient implementation and error analysis. <i>Journal of Neural Engineering</i> , <b>2019</b> , 16, 066032	5	38
88	Accurate anatomical head segmentations: a data set for biomedical simulations. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2019</b> , 2019, 6118-6123	0.9	3
87	SimNIBS 2.1: A Comprehensive Pipeline for Individualized Electric Field Modelling for Transcranial Brain Stimulation <b>2019</b> , 3-25		39
86	SURG-01. OPTIMALTTF-1: FINAL RESULTS OF A PHASE 1 STUDY: FIRST GLIOBLASTOMA RECURRENCE EXAMINING TARGETED SKULL REMODELING SURGERY TO ENHANCE TUMOR TREATING FIELDS STRENGTH. <i>Neuro-Oncology</i> , <b>2019</b> , 21, vi239-vi240	1	78
85	Enhancing Tumor Treating Fields Therapy with Skull-Remodeling Surgery. The Role of Finite Element Methods in Surgery Planning. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2019</b> , 2019, 6995-6997	0.9	4
84	Comparison of prospective head motion correction with NMR field probes and an optical tracking system. <i>Magnetic Resonance in Medicine</i> , <b>2019</b> , 81, 719-729	4.4	16
83	A principled approach to conductivity uncertainty analysis in electric field calculations. <i>NeuroImage</i> , <b>2019</b> , 188, 821-834	7.9	57
82	Miniature ultrasound ring array transducers for transcranial ultrasound neuromodulation of freely-moving small animals. <i>Brain Stimulation</i> , <b>2019</b> , 12, 251-255	5.1	22
81	The non-transcranial TMS-evoked potential is an inherent source of ambiguity in TMS-EEG studies. <i>NeuroImage</i> , <b>2019</b> , 185, 300-312	7.9	126
80	A Review on Tumor-Treating Fields (TTFields): Clinical Implications Inferred From Computational Modeling. <i>IEEE Reviews in Biomedical Engineering</i> , <b>2018</b> , 11, 195-207	6.4	40
79	. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2018</b> , 23, 624-635	5.5	3
78	Effects of transcranial direct current stimulation for treating depression: A modeling study. <i>Journal of Affective Disorders</i> , <b>2018</b> , 234, 164-173	6.6	40
77	Age-dependent effects of brain stimulation on network centrality. <i>NeuroImage</i> , <b>2018</b> , 176, 71-82	7.9	32
76	Human in-vivo brain magnetic resonance current density imaging (MRCDI). <i>NeuroImage</i> , <b>2018</b> , 171, 26-39	7.9	35

75	Feasibility and resolution limits of opto-magnetic imaging of neural network activity in brain slices using color centers in diamond. <i>Scientific Reports</i> , <b>2018</b> , 8, 4503	4.9	12
74	Automatic skull segmentation from MR images for realistic volume conductor models of the head: Assessment of the state-of-the-art. <i>NeuroImage</i> , <b>2018</b> , 174, 587-598	7.9	102
73	Sensitivity analysis of magnetic field measurements for magnetic resonance electrical impedance tomography (MREIT). <i>Magnetic Resonance in Medicine</i> , <b>2018</b> , 79, 748-760	4.4	6
72	On the importance of precise electrode placement for targeted transcranial electric stimulation. <i>NeuroImage</i> , <b>2018</b> , 181, 560-567	7.9	51
71	Importance of electrode position for the distribution of tumor treating fields (TTFs) in a human brain. Identification of effective layouts through systematic analysis of array positions for multiple tumor locations. <i>PLoS ONE</i> , <b>2018</b> , 13, e0201957	3.7	21
70	[OA019] Human in-vivo Magnetic Resonance Current Density Imaging (MRCDI) and MR Electrical Impedance Tomography (MREIT). <i>Physica Medica</i> , <b>2018</b> , 52, 8	2.7	
69	Skull segmentation from MR scans using a higher-order shape model based on convolutional restricted Boltzmann machines <b>2018</b> ,		1
68	Head models of healthy and depressed adults for simulating the electric fields of non-invasive electric brain stimulation. <i>F1000Research</i> , <b>2018</b> , 7, 704	3.6	11
67	ACTR-43. OPEN-LABEL PHASE 1 CLINICAL TRIAL TESTING PERSONALIZED AND TARGETED SKULL REMODELING SURGERY TO MAXIMIZE TTFIELDS INTENSITY FOR RECURRENT GLIOBLASTOMA □ INTERIM ANALYSIS AND SAFETY ASSESSMENT (OPTIMALTTF-1). <i>Neuro-Oncology</i> , <b>2018</b> , 20, vi21-vi21	1	3
66	EXTH-40. OPTIMIZING ARRAY LAYOUTS FOR GLIOBLASTOMA THERAPY WITH TUMOR TREATING FIELDS (TTFIELDS) □ USE OF OBLIQUE ARRAY LAYOUTS SURPASS DEFAULT LEFT-RIGHT/ANTERIOR-POSTERIOR POSITIONS IN A COMPUTER SIMULATION MODEL. <i>Neuro-Oncology</i> , <b>2018</b> , 20, vi73-vi73	1	78
65	Estimating the Intensity and Anisotropy of Tumor Treating Fields Using Singular Value Decomposition. Towards a More Comprehensive Estimation of Anti-tumor Efficacy. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> <b>2018</b> , 2018, 4897-4900	0.9	7
64	EXTH-38. A NEW COMPUTATIONAL METHOD FOR COMPREHENSIVE ESTIMATION OF ANTI TUMOR EFFICACY OF TUMOR TREATING FIELDS (TTFIELDS). ACCOUNTING FOR FIELD INTENSITY, EXPOSURE TIME AND UNWANTED SPATIAL FIELD CORRELATION. <i>Neuro-Oncology</i> , <b>2018</b> , 20, vi93-vi93	1	78
63	Head models of healthy and depressed adults for simulating the effects of non-invasive brain stimulation. <i>F1000Research</i> , <b>2018</b> , 7, 704	3.6	6
62	The impact of large structural brain changes in chronic stroke patients on the electric field caused by transcranial brain stimulation. <i>NeuroImage: Clinical</i> , <b>2017</b> , 15, 106-117	5.3	49
61	Transcranial magnetic stimulation of right inferior parietal cortex causally influences prefrontal activation for visual detection. <i>European Journal of Neuroscience</i> , <b>2017</b> , 46, 2807-2816	3.5	6
60	Impact of tumor position, conductivity distribution and tissue homogeneity on the distribution of tumor treating fields in a human brain: A computer modeling study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0179214	3.7	23
59	Comparing TMS perturbations to occipital and parietal cortices in concurrent TMS-fMRI studies-Methodological considerations. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181438	3.7	7
58	EXTH-04. GUIDING PRINCIPLES FOR PREDICTING THE DISTRIBUTION OF TUMOR TREATING FIELDS IN A HUMAN BRAIN: A COMPUTER MODELING STUDY INVESTIGATING THE IMPACT OF TUMOR POSITION, CONDUCTIVITY DISTRIBUTION AND TISSUE HOMOGENEITY. <i>Neuro-Oncology</i> , <b>2017</b> , 19, vi73-vi73	1	8

57	How to target inter-regional phase synchronization with dual-site Transcranial Alternating Current Stimulation. <i>NeuroImage</i> , <b>2017</b> , 163, 68-80	7.9	50
56	Centre-surround organization of fast sensorimotor integration in human motor hand area. <i>NeuroImage</i> , <b>2017</b> , 158, 37-47	7.9	25
55	Where does TMS Stimulate the Motor Cortex? Combining Electrophysiological Measurements and Realistic Field Estimates to Reveal the Affected Cortex Position. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 5083-5094	5.1	64
54	Spatiotemporal structure of intracranial electric fields induced by transcranial electric stimulation in humans and nonhuman primates. <i>Scientific Reports</i> , <b>2016</b> , 6, 31236	4.9	182
53	Combining non-invasive transcranial brain stimulation with neuroimaging and electrophysiology: Current approaches and future perspectives. <i>NeuroImage</i> , <b>2016</b> , 140, 4-19	7.9	180
52	Enhancing Predicted Efficacy of Tumor Treating Fields Therapy of Glioblastoma Using Targeted Surgical Craniectomy: A Computer Modeling Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164051	3.7	21
51	Transcranial brain stimulation: closing the loop between brain and stimulation. <i>Current Opinion in Neurology</i> , <b>2016</b> , 29, 397-404	7.1	55
50	Reaching with the sixth sense: Vestibular contributions to voluntary motor control in the human right parietal cortex. <i>NeuroImage</i> , <b>2016</b> , 124, 869-875	7.9	15
49	Evaluation of a Modified High-Definition Electrode Montage for Transcranial Alternating Current Stimulation (tACS) of Pre-Central Areas. <i>Brain Stimulation</i> , <b>2016</b> , 9, 700-704	5.1	33
48	Bringing transcranial mapping into shape: Sulcus-aligned mapping captures motor somatotopy in human primary motor hand area. <i>NeuroImage</i> , <b>2015</b> , 120, 164-75	7.9	64
47	Transcranial Magnetic Stimulation: An Automated Procedure to Obtain Coil-specific Models for Field Calculations. <i>Brain Stimulation</i> , <b>2015</b> , 8, 1205-8	5.1	14
46	Modeling the effects of noninvasive transcranial brain stimulation at the biophysical, network, and cognitive level. <i>Progress in Brain Research</i> , <b>2015</b> , 222, 261-87	2.9	33
45	On the importance of electrode parameters for shaping electric field patterns generated by tDCS. <i>NeuroImage</i> , <b>2015</b> , 120, 25-35	7.9	140
44	Concurrent TMS-fMRI Reveals Interactions between Dorsal and Ventral Attentional Systems. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 11445-57	6.6	37
43	Field modeling for transcranial magnetic stimulation: A useful tool to understand the physiological effects of TMS?. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2015</b> , 2015, 222-5	0.9	238
42	Determinants of the electric field during transcranial direct current stimulation. <i>NeuroImage</i> , <b>2015</b> , 109, 140-50	7.9	370
41	Design of a new MR-compatible haptic interface with six actuated degrees of freedom <b>2014</b> ,		7
40	A key region in the human parietal cortex for processing proprioceptive hand feedback during reaching movements. <i>NeuroImage</i> , <b>2014</b> , 84, 615-25	7.9	43

39	Connectivity between right inferior frontal gyrus and supplementary motor area predicts after-effects of right frontal cathodal tDCS on picture naming speed. <i>Brain Stimulation</i> , <b>2014</b> , 7, 122-9	5.1	35
38	Electric field calculations in brain stimulation based on finite elements: an optimized processing pipeline for the generation and usage of accurate individual head models. <i>Human Brain Mapping</i> , <b>2013</b> , 34, 923-35	5.9	267
37	Effects of parietal TMS on visual and auditory processing at the primary cortical level -- a concurrent TMS-fMRI study. <i>Cerebral Cortex</i> , <b>2013</b> , 23, 873-84	5.1	23
36	Electric field calculations in brain stimulation: The importance of geometrically accurate head models. <i>Biomedizinische Technik</i> , <b>2012</b> , 57,	1.3	3
35	The neural mechanisms of reliability weighted integration of shape information from vision and touch. <i>NeuroImage</i> , <b>2012</b> , 60, 1063-72	7.9	42
34	Uncovering a context-specific connective fingerprint of human dorsal premotor cortex. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 7244-52	6.6	34
33	How the brain tissue shapes the electric field induced by transcranial magnetic stimulation. <i>NeuroImage</i> , <b>2011</b> , 58, 849-59	7.9	205
32	Impact of the gyral geometry on the electric field induced by transcranial magnetic stimulation. <i>NeuroImage</i> , <b>2011</b> , 54, 234-43	7.9	250
31	Effects of transcranial magnetic stimulation on visual evoked potentials in a visual suppression task. <i>NeuroImage</i> , <b>2011</b> , 54, 1375-84	7.9	37
30	Assessment of MR compatibility of a PET insert developed for simultaneous multiparametric PET/MR imaging on an animal system operating at 7 T. <i>Magnetic Resonance in Medicine</i> , <b>2011</b> , 65, 269-79 <sup>4.4</sup>	4.4	46
29	Contributions of the PPC to online control of visually guided reaching movements assessed with fMRI-guided TMS. <i>Cerebral Cortex</i> , <b>2011</b> , 21, 1602-12	5.1	49
28	Interleaved TMS/CASL: Comparison of different rTMS protocols. <i>NeuroImage</i> , <b>2010</b> , 49, 612-20	7.9	30
27	Disrupting parietal function prolongs dominance durations in binocular rivalry. <i>Current Biology</i> , <b>2010</b> , 20, 2106-11	6.3	89
26	New coil positioning method for interleaved transcranial magnetic stimulation (TMS)/functional MRI (fMRI) and its validation in a motor cortex study. <i>Journal of Magnetic Resonance Imaging</i> , <b>2009</b> , 29, 189-97	5.6	38
25	Seeing the hand while reaching speeds up on-line responses to a sudden change in target position. <i>Journal of Physiology</i> , <b>2009</b> , 587, 4605-16	3.9	31
24	Determining the cortical target of transcranial magnetic stimulation. <i>NeuroImage</i> , <b>2009</b> , 47, 1319-30	7.9	20
23	Simultaneous PET-MRI: a new approach for functional and morphological imaging. <i>Nature Medicine</i> , <b>2008</b> , 14, 459-65	50.5	829
22	Texture segmentation in human perception: a combined modeling and fMRI study. <i>Neuroscience</i> , <b>2008</b> , 151, 730-6	3.9	23

21	Globally consistent depth sorting of overlapping 2D surfaces in a model using local recurrent interactions. <i>Biological Cybernetics</i> , <b>2008</b> , 98, 305-37	2.8	28
20	A computational model to link psychophysics and cortical cell activation patterns in human texture processing. <i>Journal of Computational Neuroscience</i> , <b>2007</b> , 22, 255-82	1.4	14
19	Neural correlates of perceptual choice and decision making during fear-disgust discrimination. <i>Journal of Neuroscience</i> , <b>2007</b> , 27, 2908-17	6.6	132
18	Cholinergic enhancement of episodic memory in healthy young adults. <i>Psychopharmacology</i> , <b>2005</b> , 182, 170-9	4.7	53
17	Accuracy of stereotaxic positioning of transcranial magnetic stimulation. <i>Brain Topography</i> , <b>2005</b> , 17, 253-9	4.3	63
16	Neural mechanisms of human texture processing: texture boundary detection and visual search. <i>Spatial Vision</i> , <b>2005</b> , 18, 227-57		18
15	Electric field properties of two commercial figure-8 coils in TMS: calculation of focality and efficiency. <i>Clinical Neurophysiology</i> , <b>2004</b> , 115, 1697-708	4.3	200
14	Neural mechanisms of cortico-cortical interaction in texture boundary detection: a modeling approach. <i>Neuroscience</i> , <b>2003</b> , 122, 921-39	3.9	43
13	Motor and phosphene thresholds: consequences of cortical anisotropy. <i>Supplements To Clinical Neurophysiology</i> , <b>2003</b> , 56, 198-203		4
12	Spatial congruence of neuronavigated transcranial magnetic stimulation and functional neuroimaging. <i>Clinical Neurophysiology</i> , <b>2002</b> , 113, 462-8	4.3	64
11	Linking physics with physiology in TMS: a sphere field model to determine the cortical stimulation site in TMS. <i>NeuroImage</i> , <b>2002</b> , 17, 1117-30	7.9	166
10	The navigation of transcranial magnetic stimulation. <i>Psychiatry Research - Neuroimaging</i> , <b>2001</b> , 108, 123-31		124
9	Motor thresholds in humans: a transcranial magnetic stimulation study comparing different pulse waveforms, current directions and stimulator types. <i>Clinical Neurophysiology</i> , <b>2001</b> , 112, 250-8	4.3	303
8	Blinding is compromised for transcranial direct current stimulation at 1 mA for 20 minutes in young healthy adults		4
7	Optimizing the Electric Field Strength in Multiple Targets for Multichannel Transcranial Electric Stimulation		1
6	The non-transcranial TMS-evoked potential is an inherent source of ambiguity in TMS-EEG studies		2
5	SimNIBS 2.1: A Comprehensive Pipeline for Individualized Electric Field Modelling for Transcranial Brain Stimulation		12
4	Efficient Electric Field Simulations for Transcranial Brain Stimulation		8



3	A novel approach to localize cortical TMS effects	1
2	Comparing and Validating Automated Tools for Individualized Electric Field Simulations in the Human Head	2
1	Spatiotemporal structure of intracranial electric fields induced by transcranial electric stimulation in human and nonhuman primates	1