Axel Thielscher

List of Publications by Citations

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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 6,366 papers citations

6 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	Simultaneous PET-MRI: a new approach for functional and morphological imaging. <i>Nature Medicine</i> , 2008 , 14, 459-65	50.5	829
127	Determinants of the electric field during transcranial direct current stimulation. <i>NeuroImage</i> , 2015 , 109, 140-50	7.9	370
126	Motor thresholds in humans: a transcranial magnetic stimulation study comparing different pulse waveforms, current directions and stimulator types. <i>Clinical Neurophysiology</i> , 2001 , 112, 250-8	4.3	303
125	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> , 2013 , 34, 923-35	5.9	267
124	Impact of the gyral geometry on the electric field induced by transcranial magnetic stimulation. <i>NeuroImage</i> , 2011 , 54, 234-43	7.9	250
123	Field modeling for transcranial magnetic stimulation: A useful tool to understand the physiological effects of TMS?. Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2015, 2015, 222-5	0.9	238
122	How the brain tissue shapes the electric field induced by transcranial magnetic stimulation. Neurolmage, 2011 , 58, 849-59	7.9	205
121	Electric field properties of two commercial figure-8 coils in TMS: calculation of focality and efficiency. <i>Clinical Neurophysiology</i> , 2004 , 115, 1697-708	4.3	200
120	Spatiotemporal structure of intracranial electric fields induced by transcranial electric stimulation in humans and nonhuman primates. <i>Scientific Reports</i> , 2016 , 6, 31236	4.9	182
119	Combining non-invasive transcranial brain stimulation with neuroimaging and electrophysiology: Current approaches and future perspectives. <i>NeuroImage</i> , 2016 , 140, 4-19	7.9	180
118	Linking physics with physiology in TMS: a sphere field model to determine the cortical stimulation site in TMS. <i>NeuroImage</i> , 2002 , 17, 1117-30	7.9	166
117	On the importance of electrode parameters for shaping electric field patterns generated by tDCS. <i>NeuroImage</i> , 2015 , 120, 25-35	7.9	140
116	Neural correlates of perceptual choice and decision making during fear-disgust discrimination. Journal of Neuroscience, 2007 , 27, 2908-17	6.6	132
115	The non-transcranial TMS-evoked potential is an inherent source of ambiguity in TMS-EEG studies. <i>NeuroImage</i> , 2019 , 185, 300-312	7.9	126
114	The navigation of transcranial magnetic stimulation. <i>Psychiatry Research - Neuroimaging</i> , 2001 , 108, 12	3- 3 .1 ₉	124
113	Automatic skull segmentation from MR images for realistic volume conductor models of the head: Assessment of the state-of-the-art. <i>NeuroImage</i> , 2018 , 174, 587-598	7.9	102
112	Disrupting parietal function prolongs dominance durations in binocular rivalry. <i>Current Biology</i> , 2010 , 20, 2106-11	6.3	89

(2020-2019)

111	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> , 2019 , 21, vi239-vi240	1	78	
110	EXTH-40. OPTIMIZING ARRAY LAYOUTS FOR GLIOBLASTOMA THERAPY WITH TUMOR TREATING FIELDS (TTFIELDS)	1	78	
109	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> , 2018 , 20, vi93-vi93	1	78	
108	Bringing transcranial mapping into shape: Sulcus-aligned mapping captures motor somatotopy in human primary motor hand area. <i>NeuroImage</i> , 2015 , 120, 164-75	7.9	64	
107	Spatial congruence of neuronavigated transcranial magnetic stimulation and functional neuroimaging. <i>Clinical Neurophysiology</i> , 2002 , 113, 462-8	4.3	64	
106	Where does TMS Stimulate the Motor Cortex? Combining Electrophysiological Measurements and Realistic Field Estimates to Reveal the Affected Cortex Position. <i>Cerebral Cortex</i> , 2017 , 27, 5083-5094	5.1	64	
105	Accuracy of stereotaxic positioning of transcranial magnetic stimulation. <i>Brain Topography</i> , 2005 , 17, 253-9	4.3	63	
104	Towards precise brain stimulation: Is electric field simulation related to neuromodulation?. <i>Brain Stimulation</i> , 2019 , 12, 1159-1168	5.1	57	
103	A principled approach to conductivity uncertainty analysis in electric field calculations. <i>NeuroImage</i> , 2019 , 188, 821-834	7.9	57	
102	Transcranial brain stimulation: closing the loop between brain and stimulation. <i>Current Opinion in Neurology</i> , 2016 , 29, 397-404	7.1	55	
101	Cholinergic enhancement of episodic memory in healthy young adults. <i>Psychopharmacology</i> , 2005 , 182, 170-9	4.7	53	
100	On the importance of precise electrode placement for targeted transcranial electric stimulation. <i>NeuroImage</i> , 2018 , 181, 560-567	7.9	51	
99	How to target inter-regional phase synchronization with dual-site Transcranial Alternating Current Stimulation. <i>NeuroImage</i> , 2017 , 163, 68-80	7.9	50	
98	The impact of large structural brain changes in chronic stroke patients on the electric field caused by transcranial brain stimulation. <i>NeuroImage: Clinical</i> , 2017 , 15, 106-117	5.3	49	
97	Contributions of the PPC to online control of visually guided reaching movements assessed with fMRI-guided TMS. <i>Cerebral Cortex</i> , 2011 , 21, 1602-12	5.1	49	
96	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> , 2011 , 65, 269-7	94.4	46	
95	Blinding is compromised for transcranial direct current stimulation at 1 mA for 20 min in young healthy adults. <i>European Journal of Neuroscience</i> , 2019 , 50, 3261-3268	3.5	45	
94	Guidelines for TMS/tES clinical services and research through the COVID-19 pandemic. <i>Brain Stimulation</i> , 2020 , 13, 1124-1149	5.1	45	

93	A key region in the human parietal cortex for processing proprioceptive hand feedback during reaching movements. <i>NeuroImage</i> , 2014 , 84, 615-25	7.9	43
92	Neural mechanisms of cortico-cortical interaction in texture boundary detection: a modeling approach. <i>Neuroscience</i> , 2003 , 122, 921-39	3.9	43
91	Safety of transcranial focused ultrasound stimulation: A systematic review of the state of knowledge from both human and animal studies. <i>Brain Stimulation</i> , 2019 , 12, 1367-1380	5.1	42
90	The neural mechanisms of reliability weighted integration of shape information from vision and touch. <i>NeuroImage</i> , 2012 , 60, 1063-72	7.9	42
89	A novel approach to localize cortical TMS effects. <i>NeuroImage</i> , 2020 , 209, 116486	7.9	41
88	A Review on Tumor-Treating Fields (TTFields): Clinical Implications Inferred From Computational Modeling. <i>IEEE Reviews in Biomedical Engineering</i> , 2018 , 11, 195-207	6.4	40
87	Effects of transcranial direct current stimulation for treating depression: A modeling study. <i>Journal of Affective Disorders</i> , 2018 , 234, 164-173	6.6	40
86	SimNIBS 2.1: A Comprehensive Pipeline for Individualized Electric Field Modelling for Transcranial Brain Stimulation 2019 , 3-25		39
85	Electric field simulations for transcranial brain stimulation using FEM: an efficient implementation and error analysis. <i>Journal of Neural Engineering</i> , 2019 , 16, 066032	5	38
84	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> , 2009 , 29, 189-97	5.6	38
83	Concurrent TMS-fMRI Reveals Interactions between Dorsal and Ventral Attentional Systems. Journal of Neuroscience, 2015 , 35, 11445-57	6.6	37
82	Effects of transcranial magnetic stimulation on visual evoked potentials in a visual suppression task. <i>NeuroImage</i> , 2011 , 54, 1375-84	7.9	37
81	Human in-vivo brain magnetic resonance current density imaging (MRCDI). Neurolmage, 2018, 171, 26-3	9 7.9	35
80	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> , 2014 , 7, 122-9	5.1	35
79	Uncovering a context-specific connectional fingerprint of human dorsal premotor cortex. <i>Journal of Neuroscience</i> , 2012 , 32, 7244-52	6.6	34
78	Modeling the effects of noninvasive transcranial brain stimulation at the biophysical, network, and cognitive level. <i>Progress in Brain Research</i> , 2015 , 222, 261-87	2.9	33
77	Evaluation of a Modified High-Definition Electrode Montage for Transcranial Alternating Current Stimulation (tACS) of Pre-Central Areas. <i>Brain Stimulation</i> , 2016 , 9, 700-704	5.1	33
76	Age-dependent effects of brain stimulation on network centrality. <i>NeuroImage</i> , 2018 , 176, 71-82	7.9	32

(2019-2009)

75	Seeing the hand while reaching speeds up on-line responses to a sudden change in target position. Journal of Physiology, 2009 , 587, 4605-16	3.9	31
74	Interleaved TMS/CASL: Comparison of different rTMS protocols. <i>NeuroImage</i> , 2010 , 49, 612-20	7.9	30
73	Accessibility of cortical regions to focal TES: Dependence on spatial position, safety, and practical constraints. <i>NeuroImage</i> , 2019 , 203, 116183	7.9	29
72	Globally consistent depth sorting of overlapping 2D surfaces in a model using local recurrent interactions. <i>Biological Cybernetics</i> , 2008 , 98, 305-37	2.8	28
71	Can Transcranial Electrical Stimulation Localize Brain Function?. Frontiers in Psychology, 2019, 10, 213	3.4	27
70	Centre-surround organization of fast sensorimotor integration in human motor hand area. <i>Neurolmage</i> , 2017 , 158, 37-47	7.9	25
69	Distilling the essence of TMS-evoked EEG potentials (TEPs): A call for securing mechanistic specificity and experimental rigor. <i>Brain Stimulation</i> , 2019 , 12, 1051-1054	5.1	24
68	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> , 2017 , 12, e0179214	3.7	23
67	Effects of parietal TMS on visual and auditory processing at the primary cortical level a concurrent TMS-fMRI study. <i>Cerebral Cortex</i> , 2013 , 23, 873-84	5.1	23
66	Texture segmentation in human perception: a combined modeling and fMRI study. <i>Neuroscience</i> , 2008 , 151, 730-6	3.9	23
65	Value and limitations of intracranial recordings for validating electric field modeling for transcranial brain stimulation. <i>NeuroImage</i> , 2020 , 208, 116431	7.9	22
64	Miniature ultrasound ring array transducers for transcranial ultrasound neuromodulation of freely-moving small animals. <i>Brain Stimulation</i> , 2019 , 12, 251-255	5.1	22
63	Importance of electrode position for the distribution of tumor treating fields (TTFields) in a human brain. Identification of effective layouts through systematic analysis of array positions for multiple tumor locations. <i>PLoS ONE</i> , 2018 , 13, e0201957	3.7	21
62	Enhancing Predicted Efficacy of Tumor Treating Fields Therapy of Glioblastoma Using Targeted Surgical Craniectomy: A Computer Modeling Study. <i>PLoS ONE</i> , 2016 , 11, e0164051	3.7	21
61	Determining the cortical target of transcranial magnetic stimulation. <i>NeuroImage</i> , 2009 , 47, 1319-30	7.9	20
60	Inter-individual and age-dependent variability in simulated electric fields induced by conventional transcranial electrical stimulation. <i>NeuroImage</i> , 2021 , 224, 117413	7.9	20
59	Neural mechanisms of human texture processing: texture boundary detection and visual search. <i>Spatial Vision</i> , 2005 , 18, 227-57		18
58	Comparison of prospective head motion correction with NMR field probes and an optical tracking system. <i>Magnetic Resonance in Medicine</i> , 2019 , 81, 719-729	4.4	16

57	Increasing propensity to mind-wander by transcranial direct current stimulation? A registered report. <i>European Journal of Neuroscience</i> , 2020 , 51, 755-780	3.5	16
56	Reaching with the sixth sense: Vestibular contributions to voluntary motor control in the human right parietal cortex. <i>NeuroImage</i> , 2016 , 124, 869-875	7.9	15
55	Transcranial Magnetic Stimulation: An Automated Procedure to Obtain Coil-specific Models for Field Calculations. <i>Brain Stimulation</i> , 2015 , 8, 1205-8	5.1	14
54	Accurate and robust whole-head segmentation from magnetic resonance images for individualized head modeling. <i>NeuroImage</i> , 2020 , 219, 117044	7.9	14
53	A computational model to link psychophysics and cortical cell activation patterns in human texture processing. <i>Journal of Computational Neuroscience</i> , 2007 , 22, 255-82	1.4	14
52	Feasibility and resolution limits of opto-magnetic imaging of neural network activity in brain slices using color centers in diamond. <i>Scientific Reports</i> , 2018 , 8, 4503	4.9	12
51	SimNIBS 2.1: A Comprehensive Pipeline for Individualized Electric Field Modelling for Transcranial Brain Stimulation		12
50	Detection of biological signals from a live mammalian muscle using an early stage diamond quantum sensor. <i>Scientific Reports</i> , 2021 , 11, 2412	4.9	12
49	Concurrent TMS-fMRI for causal network perturbation and proof of target engagement. <i>NeuroImage</i> , 2021 , 237, 118093	7.9	12
48	Transducer modeling for accurate acoustic simulations of transcranial focused ultrasound stimulation. <i>Journal of Neural Engineering</i> , 2020 , 17, 046010	5	11
47	Head models of healthy and depressed adults for imulating the electric fields of non-invasive electric brain stimulation. <i>F1000Research</i> , 2018 , 7, 704	3.6	11
46	Transcranial focused ultrasound stimulation with high spatial resolution. <i>Brain Stimulation</i> , 2021 , 14, 290-300	5.1	10
45	Stimulating aged brains with transcranial direct current stimulation: Opportunities and challenges. <i>Psychiatry Research - Neuroimaging</i> , 2020 , 306, 111179	2.9	9
44	Optimization of tumor treating fields using singular value decomposition and minimization of field anisotropy. <i>Physics in Medicine and Biology</i> , 2019 , 64, 04NT03	3.8	8
43	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> , 2017 , 19, vi73	1 3-vi73	8
42	Efficient Electric Field Simulations for Transcranial Brain Stimulation		8
41	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> , 2021 , 41, 316	3-3 ⁶ 79	8
40	The stray magnetic fields in Magnetic Resonance Current Density Imaging (MRCDI). <i>Physica Medica</i> , 2019 , 59, 142-150	2.7	7

39	Comparing TMS perturbations to occipital and parietal cortices in concurrent TMS-fMRI studies-Methodological considerations. <i>PLoS ONE</i> , 2017 , 12, e0181438	3.7	7	
38	Design of a new MR-compatible haptic interface with six actuated degrees of freedom 2014 ,		7	
37	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> , 2021 , 271, 111-122	5.1	7	
36	Estimating the Intensity and Anisotropy of Tumor Treating Fields Jsing 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 IEEE Engin</i>	0.9	7	
35	Transcranial magnetic stimulation of right inferior parietal cortex causally influences prefrontal activation for visual detection. <i>European Journal of Neuroscience</i> , 2017 , 46, 2807-2816	3.5	6	
34	Fast evaluation of the Biot-Savart integral using FFT for electrical conductivity imaging. <i>Journal of Computational Physics</i> , 2020 , 411, 109408	4.1	6	
33	Sensitivity analysis of magnetic field measurements for magnetic resonance electrical impedance tomography (MREIT). <i>Magnetic Resonance in Medicine</i> , 2018 , 79, 748-760	4.4	6	
32	Head models of healthy and depressed adults for simulating the effects of non-invasive brain stimulation. <i>F1000Research</i> , 2018 , 7, 704	3.6	6	
31	Motor and phosphene thresholds: consequences of cortical anisotropy. <i>Supplements To Clinical Neurophysiology</i> , 2003 , 56, 198-203		4	
30	Blinding is compromised for transcranial direct current stimulation at 1 mA for 20 minutes in young healthy adults		4	
29	Enhancing Tumor Treating Fields Therapy with Skull-Remodeling Surgery. The Role of Finite Element Methods in Surgery Planning. Annual International Conference of the IEEE Engineering in Medicine and Biology Society Annual International	0.9	4	
28	Conference, 2019, 2019, 6995-6997 Estimation of individually induced e-field strength during transcranial electric stimulation using the head circumference. <i>Brain Stimulation</i> , 2021, 14, 1055-1058	5.1	4	
27	. IEEE/ASME Transactions on Mechatronics, 2018 , 23, 624-635	5.5	3	
26	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> , 2019 , 2019, 6118-6123	0.9	3	
25	Electric field calculations in brain stimulation: The importance of geometrically accurate head models. <i>Biomedizinische Technik</i> , 2012 , 57,	1.3	3	
24	Interindividual variability of electric fields during transcranial temporal interference stimulation (tTIS). <i>Scientific Reports</i> , 2021 , 11, 20357	4.9	3	
23	Optimizing the electric field strength in multiple targets for multichannel transcranial electric stimulation. <i>Journal of Neural Engineering</i> , 2020 ,	5	3	
22	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 (OPTIMALTE-1). Neuro-Opcology 2018, 20, vi21-vi21	1	3	

21	Commentary: Transcranial stimulation of the frontal lobes increases propensity of mind-wandering without changing meta-awareness. <i>Frontiers in Psychology</i> , 2019 , 10, 130	3.4	2
20	The non-transcranial TMS-evoked potential is an inherent source of ambiguity in TMS-EEG studies		2
19	Comparing and Validating Automated Tools for Individualized Electric Field Simulations in the Human Head		2
18	Recordings of Neural Magnetic Activity From the Auditory Brainstem Using Color Centers in Diamond: A Simulation Study. <i>Frontiers in Neuroscience</i> , 2021 , 15, 643614	5.1	2
17	The impact of CT image parameters and skull heterogeneity modeling on the accuracy of transcranial focused ultrasound simulations. <i>Journal of Neural Engineering</i> , 2021 , 18,	5	2
16	Probing EEG activity in the targeted cortex after focal transcranial electrical stimulation. <i>Brain Stimulation</i> , 2020 , 13, 815-818	5.1	2
15	A checklist for assessing the methodological quality of concurrent tES-fMRI studies (ContES checklist): a consensus study and statement <i>Nature Protocols</i> , 2022 ,	18.8	1
14	Skull segmentation from MR scans using a higher-order shape model based on convolutional restricted Boltzmann machines 2018 ,		1
13	Optimizing the Electric Field Strength in Multiple Targets for Multichannel Transcranial Electric Stimu	lation	1
12	A novel approach to localize cortical TMS effects		1
12 11	A novel approach to localize cortical TMS effects Spatiotemporal structure of intracranial electric fields induced by transcranial electric stimulation in human and nonhuman primates		1
	Spatiotemporal structure of intracranial electric fields induced by transcranial electric stimulation	5.1	
11	Spatiotemporal structure of intracranial electric fields induced by transcranial electric stimulation in human and nonhuman primates Safety evaluation of a new setup for transcranial electric stimulation during magnetic resonance	5.1 4·4	1
11	Spatiotemporal structure of intracranial electric fields induced by transcranial electric stimulation in human and nonhuman primates Safety evaluation of a new setup for transcranial electric stimulation during magnetic resonance imaging. <i>Brain Stimulation</i> , 2021 , 14, 488-497 Sensitivity and resolution improvement for in vivo magnetic resonance current-density imaging of		1
11 10 9	Spatiotemporal structure of intracranial electric fields induced by transcranial electric stimulation in human and nonhuman primates Safety evaluation of a new setup for transcranial electric stimulation during magnetic resonance imaging. <i>Brain Stimulation</i> , 2021 , 14, 488-497 Sensitivity and resolution improvement for in vivo magnetic resonance current-density imaging of the human brain. <i>Magnetic Resonance in Medicine</i> , 2021 , 86, 3131-3146 Multichannel anodal tDCS over the left dorsolateral prefrontal cortex in a paediatric population.	4.4	1 1
11 10 9 8	Spatiotemporal structure of intracranial electric fields induced by transcranial electric stimulation in human and nonhuman primates Safety evaluation of a new setup for transcranial electric stimulation during magnetic resonance imaging. <i>Brain Stimulation</i> , 2021 , 14, 488-497 Sensitivity and resolution improvement for in vivo magnetic resonance current-density imaging of the human brain. <i>Magnetic Resonance in Medicine</i> , 2021 , 86, 3131-3146 Multichannel anodal tDCS over the left dorsolateral prefrontal cortex in a paediatric population. <i>Scientific Reports</i> , 2021 , 11, 21512 Efficient high-resolution TMS mapping of the human motor cortex by nonlinear regression.	4.4	1 1 1
11 10 9 8	Spatiotemporal structure of intracranial electric fields induced by transcranial electric stimulation in human and nonhuman primates Safety evaluation of a new setup for transcranial electric stimulation during magnetic resonance imaging. <i>Brain Stimulation</i> , 2021 , 14, 488-497 Sensitivity and resolution improvement for in vivo magnetic resonance current-density imaging of the human brain. <i>Magnetic Resonance in Medicine</i> , 2021 , 86, 3131-3146 Multichannel anodal tDCS over the left dorsolateral prefrontal cortex in a paediatric population. <i>Scientific Reports</i> , 2021 , 11, 21512 Efficient high-resolution TMS mapping of the human motor cortex by nonlinear regression. <i>NeuroImage</i> , 2021 , 245, 118654 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</i>	4·4 4·9 7·9	1 1 0 0

LIST OF PUBLICATIONS

3	Relationship between high-frequency activity in the cortical sensory and the motor hand areas, and their myelin content <i>Brain Stimulation</i> , 2022 , 15, 717-726	5.1	O
2	Database of 25 validated coil models for electric field simulations for TMS <i>Brain Stimulation</i> , 2022 , 15, 697-706	5.1	O
1	[OA019] Human in-vivo Magnetic Resonance Current Density Imaging (MRCDI) and MR Electrical Impedance Tomography (MREIT). <i>Physica Medica</i> , 2018 , 52, 8	2.7	