# Krishna D Singh

List of Publications by Year
in descending order

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| 146 | 11,424 | 36203 | 32761 |
|---|---|---|---|
| papers | citations | 51 h-index | 100 g-index |

| 156 | 156 | 156 | 10331 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Neural correlates of the LSD experience revealed by multimodal neuroimaging. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4853-4858. | 3.3 | 586 |
| 2 | Magnetic field tomography of coherent thalamocortical 40-Hz oscillations in humans.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 11037-11041. | 3.3 | 525 |
| 3 | Resting GABA concentration predicts peak gamma frequency and fMRI amplitude in response to visual stimulation in humans. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8356-8361. | 3.3 | 503 |
| 4 | The cortical topography of human swallowing musculature in health and disease. Nature Medicine, 1996, 2, 1217-1224. | 15.2 | 477 |
| 5 | A new approach to neuroimaging with magnetoencephalography. Human Brain Mapping, 2005, 25, 199-211. | 1.9 | 465 |
| 6 | Long-term reorganization of human motor cortex driven by short-term sensory stimulation. Nature Neuroscience, 1998, 1, 64-68. | 7.1 | 432 |
| 7 | Broadband Cortical Desynchronization Underlies the Human Psychedelic State. Journal of Neuroscience, 2013, 33, 15171-15183. | 1.7 | 364 |
| 8 | fMRI of Thermal Pain: Effects of Stimulus Laterality and Attention. NeuroImage, 2002, 15, 293-301. | 2.1 | 355 |
| 9 | The Processing of First- and Second-Order Motion in Human Visual Cortex Assessed by Functional Magnetic Resonance Imaging (fMRI). Journal of Neuroscience, 1998, 18, 3816-3830. | 1.7 | 330 |
| 10 | Orientation Discrimination Performance Is Predicted by GABA Concentration and Gamma Oscillation Frequency in Human Primary Visual Cortex. Journal of Neuroscience, 2009, 29, 15721-15726. | 1.7 | 304 |
| 11 | Transient and linearly graded deactivation of the human default-mode network by a visual detection task. NeuroImage, 2008, 41, 100-112. | 2.1 | 274 |
| 12 | Task-Related Changes in Cortical Synchronization Are Spatially Coincident with the Hemodynamic Response. NeuroImage, 2002, 16, 103-114. | 2.1 | 267 |
| 13 | Group imaging of task-related changes in cortical synchronisation using nonparametric permutation testing. NeuroImage, 2003, 19, 1589-1601. | 2.1 | 215 |
| 14 | Sensitivity to optic flow in human cortical areas MT and MST. European Journal of Neuroscience, 2006, 23, 561-569. | 1.2 | 197 |
| 15 | Spatiotemporal Frequency and Direction Sensitivities of Human Visual Areas Measured Using fMRI. NeuroImage, 2000, 12, 550-564. | 2.1 | 172 |
| 16 | Visual word recognition: the first half second. NeuroImage, 2004, 22, 1819-1825. | 2.1 | 168 |
| 17 | GLM-beamformer method demonstrates stationary field, alpha ERD and gamma ERS co-localisation with fMRI BOLD response in visual cortex. NeuroImage, 2005, 26, 302-308. | 2.1 | 167 |
| 18 | Negative BOLD in the visual cortex: Evidence against blood stealing. Human Brain Mapping, 2004, 21, 213-220. | 1.9 | 162 |

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|---|---|---|---|
| 19 | Visual gamma oscillations and evoked responses: Variability, repeatability and structural MRI correlates. NeuroImage, 2010, 49, 3349-3357. | 2.1 | 158 |
| 20 | Visual gamma oscillations: The effects of stimulus type, visual field coverage and stimulus motion on MEG and EEG recordings. NeuroImage, 2013, 69, 223-230. | 2.1 | 149 |
| 21 | The effects of elevated endogenous GABA levels on movement-related network oscillations. NeuroImage, 2013, 66, 36-41. | 2.1 | 148 |
| 22 | Induced visual illusions and gamma oscillations in human primary visual cortex. European Journal of Neuroscience, 2004, 20, 587-592. | 1.2 | 133 |
| 23 | More GABA, less distraction: a neurochemical predictor of motor decision speed. Nature Neuroscience, 2010, 13, 825-827. | 7.1 | 132 |
| 24 | Individual Differences in Subconscious Motor Control Predicted by GABA Concentration in SMA. Current Biology, 2010, 20, 1779-1785. | 1.8 | 131 |
| 25 | Which â€œneural activityâ€•do you mean? fMRI, MEG, oscillations and neurotransmitters. NeuroImage, 2012, 62, 1121-1130. | 2.1 | 123 |
| 26 | Three-Dimensional Modeling of the Human Eye Based on Magnetic Resonance Imaging. , 2006, 47, 2272. | | 118 |
| 27 | Dorsolateral Prefrontal Î³-Aminobutyric Acid in Men Predicts Individual Differences in Rash Impulsivity. Biological Psychiatry, 2011, 70, 866-872. | 0.7 | 118 |
| 28 | The missing link: analogous human and primate cortical gamma oscillations. NeuroImage, 2005, 26, 13-17. | 2.1 | 115 |
| 29 | The role of MT+/V5 during biological motion perception in Asperger Syndrome: An fMRI study. Research in Autism Spectrum Disorders, 2007, 1, 14-27. | 0.8 | 115 |
| 30 | Spectral Properties of Induced and Evoked Gamma Oscillations in Human Early Visual Cortex to Moving and Stationary Stimuli. Journal of Neurophysiology, 2009, 102, 1241-1253. | 0.9 | 114 |
| 31 | Individual variability in the shape and amplitude of the BOLDâ€HRF correlates with endogenous GABAergic inhibition. Human Brain Mapping, 2012, 33, 455-465. | 1.9 | 109 |
| 32 | Ketamine amplifies induced gamma frequency oscillations in the human cerebral cortex. European Neuropsychopharmacology, 2015, 25, 1136-1146. | 0.3 | 105 |
| 33 | The temporal frequency tuning of human visual cortex investigated using synthetic aperture magnetometry. NeuroImage, 2004, 21, 1542-1553. | 2.1 | 103 |
| 34 | Co-registration of magnetoencephalography with magnetic resonance imaging using bite-bar-based fiducials and surface-matching. Clinical Neurophysiology, 2004, 115, 691-698. | 0.7 | 98 |
| 35 | Dissociating the spatio-temporal characteristics of cortical neuronal activity associated with human volitional swallowing in the healthy adult brain. NeuroImage, 2004, 22, 1447-1455. | 2.1 | 97 |
| 36 | Almost winning: Induced MEG theta power in insula and orbitofrontal cortex increases during gambling near-misses and is associated with BOLD signal and gambling severity. NeuroImage, 2014, 91, 210-219. | 2.1 | 96 |

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|---|---|---|---|
| 37 | Relationships between cortical myeloarchitecture and electrophysiological networks. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13510-13515. | 3.3 | 96 |
| 38 | Realistic spatial sampling for MEG beamformer images. Human Brain Mapping, 2004, 23, 120-127. | 1.9 | 89 |
| 39 | Spatiotemporal frequency tuning of BOLD and gamma band MEG responses compared in primary visual cortex. NeuroImage, 2008, 40, 1552-1560. | 2.1 | 84 |
| 40 | Surround Modulation Measured With Functional MRI in the Human Visual Cortex. Journal of Neurophysiology, 2003, 89, 525-533. | 0.9 | 82 |
| 41 | Real-time imaging of human cortical activity evoked by painful esophageal stimulation. Gastroenterology, 2005, 128, 610-619. | 0.6 | 81 |
| 42 | Decreased Gray Matter Concentration in the Lateral Geniculate Nuclei in Human Amblyopes. , 2010, 51, 1432. | | 81 |
| 43 | A cautionary note on the interpretation of phase-locking estimates with concurrent changes in power. Clinical Neurophysiology, 2011, 122, 2324-2325. | 0.7 | 78 |
| 44 | Oscillatory hyperactivity and hyperconnectivity in young APOE-É›4 carriers and hypoconnectivity in Alzheimerâ€™s disease. ELife, 2019, 8, . | 2.8 | 78 |
| 45 | Alzheimer's disease disrupts alpha and beta-band resting-state oscillatory network connectivity. Clinical Neurophysiology, 2017, 128, 2347-2357. | 0.7 | 77 |
| 46 | Functional and structural correlates of the aging brain: Relating visual cortex (V1) gamma band responses to ageâ€related structural change. Human Brain Mapping, 2012, 33, 2035-2046. | 1.9 | 76 |
| 47 | Assessing interactions of linear and nonlinear neuronal sources using MEG beamformers: a proof of concept. Clinical Neurophysiology, 2005, 116, 1300-1313. | 0.7 | 71 |
| 48 | The cortical topography of human anorectal musculature. Gastroenterology, 1999, 117, 32-39. | 0.6 | 63 |
| 49 | Modulation of the human mirror neuron system during cognitive activity. Psychophysiology, 2008, 45, 896-905. | 1.2 | 62 |
| 50 | Subtraction artifacts and frequency (Misâ€)alignment in Jâ€difference GABA editing. Journal of Magnetic Resonance Imaging, 2013, 38, 970-975. | 1.9 | 59 |
| 51 | Supplementary motor area activations in unconscious inhibition of voluntary action. Experimental Brain Research, 2010, 206, 441-448. | 0.7 | 58 |
| 52 | The properties of induced gamma oscillations in human visual cortex show individual variability in their dependence on stimulus size. NeuroImage, 2013, 68, 83-92. | 2.1 | 58 |
| 53 | Three-Dimensional Magnetic Resonance Imaging of the Phakic Crystalline Lens during Accommodation. , 2011, 52, 3689. | | 57 |
| 54 | Functional decoupling of BOLD and gammaâ€band amplitudes in human primary visual cortex. Human Brain Mapping, 2009, 30, 2000-2007. | 1.9 | 55 |

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| 55 | Population-level inferences for distributed MEG source localization under multiple constraints: Application to face-evoked fields. NeuroImage, 2007, 38, 422-438. | 2.1 | 54 |
| 56 | Evaluation of MRI-MEG/EEG co-registration strategies using Monte Carlo simulation. Electroencephalography and Clinical Neurophysiology, 1997, 102, 81-85. | 0.3 | 53 |
| 57 | Reliability of Static and Dynamic Network Metrics in the Resting-State: A MEG-Beamformed Connectivity Analysis. Frontiers in Neuroscience, 2018, 12, 506. | 1.4 | 53 |
| 58 | An fMRI study of stimulus equivalence. NeuroReport, 2001, 12, 405-411. | 0.6 | 52 |
| 59 | Dopamine and Glutamate in Antipsychotic-Responsive Compared With Antipsychotic-Nonresponsive Psychosis: A Multicenter Positron Emission Tomography and Magnetic Resonance Spectroscopy Study (STRATA). Schizophrenia Bulletin, 2021, 47, 505-516. | 2.3 | 51 |
| 60 | Acute Effects of Alcohol on Stimulus-Induced Gamma Oscillations in Human Primary Visual and Motor Cortices. Neuropsychopharmacology, 2014, 39, 2104-2113. | 2.8 | 49 |
| 61 | A general linear model for MEG beamformer imaging. NeuroImage, 2004, 23, 936-946. | 2.1 | 48 |
| 62 | Enhanced Stimulus-Induced Gamma Activity in Humans during Propofol-Induced Sedation. PLoS ONE, 2013, 8, e57685. | 1.1 | 47 |
| 63 | Induced and evoked neural correlates of orientation selectivity in human visual cortex. NeuroImage, 2011, 54, 2983-2993. | 2.1 | 46 |
| 64 | Spatio-temporal Imaging of Cortical Desynchronization in Migraine Visual Aura: A Magnetoencephalography Case Study. Headache, 2004, 44, 204-208. | 1.8 | 43 |
| 65 | The contribution of pre-stimulus neural oscillatory activity to spontaneous response time variability. NeuroImage, 2015, 107, 34-45. | 2.1 | 43 |
| 66 | Neurophysiologically-informed markers of individual variability and pharmacological manipulation of human cortical gamma. NeuroImage, 2017, 161, 19-31. | 2.1 | 43 |
| 67 | Transcranial modulation of brain oscillatory responses: A concurrent tDCSâ€“MEG investigation. NeuroImage, 2016, 140, 20-32. | 2.1 | 42 |
| 68 | Magnetoencephalographic Investigation of Human Cortical Area V1 Using Color Stimuli. NeuroImage, 1997, 6, 47-57. | 2.1 | 41 |
| 69 | Co-registration of cortical magnetic stimulation and functional magnetic resonance imaging. NeuroReport, 1998, 9, 1941-1946. | 0.6 | 40 |
| 70 | Spatiotemporal dynamics in human visual cortex rapidly encode the emotional content of faces. Human Brain Mapping, 2018, 39, 3993-4006. | 1.9 | 38 |
| 71 | Evidence for increased visual gamma responses in photosensitive epilepsy. Epilepsy Research, 2014, 108, 1076-1086. | 0.8 | 37 |
| 72 | Elevating Endogenous GABA Levels with GAT-1 Blockade Modulates Evoked but Not Induced Responses in Human Visual Cortex. Neuropsychopharmacology, 2013, 38, 1105-1112. | 2.8 | 35 |

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| 73 | Structural and Functional Neuroimaging of Polygenic Risk for Schizophrenia: A Recall-by-Genotypeâ€“Based Approach. Schizophrenia Bulletin, 2019, 45, 405-414. | 2.3 | 35 |
| 74 | Accuracy and applications of group MEG studies using cortical source locations estimated from participants' scalp surfaces. Human Brain Mapping, 2003, 20, 142-147. | 1.9 | 34 |
| 75 | A comment on the severity of the effects of non-white noise in fMRI time-series. NeuroImage, 2007, 36, 282-288. | 2.1 | 34 |
| 76 | Evidence for parallel activation of the pre-supplementary motor area and inferior frontal cortex during response inhibition: a combined MEG and TMS study. Royal Society Open Science, 2018, 5, 171369. | 1.1 | 34 |
| 77 | Oscillatory, Computational, and Behavioral Evidence for Impaired GABAergic Inhibition in Schizophrenia. Schizophrenia Bulletin, 2020, 46, 345-353. | 2.3 | 34 |
| 78 | Distinct contrast response functions in striate and extra-striate regions of visual cortex revealed with magnetoencephalography (MEG). Clinical Neurophysiology, 2005, 116, 1716-1722. | 0.7 | 33 |
| 79 | BOLD Responses in Human Primary Visual Cortex are Insensitive to Substantial Changes in Neural Activity. Frontiers in Human Neuroscience, 2013, 7, 76. | 1.0 | 33 |
| 80 | Peak visual gamma frequency is modified across the healthy menstrual cycle. Human Brain Mapping, 2018, 39, 3187-3202. | 1.9 | 33 |
| 81 | Spatial attention increases high-frequency gamma synchronisation in human medial visual cortex. NeuroImage, 2013, 79, 295-303. | 2.1 | 32 |
| 82 | Significant reductions in human visual gamma frequency by the gaba reuptake inhibitor tiagabine revealed by robust peak frequency estimation. Human Brain Mapping, 2016, 37, 3882-3896. | 1.9 | 32 |
| 83 | Spatial attention modulates visual gamma oscillations across the human ventral stream. NeuroImage, 2018, 166, 219-229. | 2.1 | 32 |
| 84 | Comparison of single current dipole and Magnetic Field Tomography analyses of the cortical response to auditory stimuli. Brain Topography, 1993, 6, 27-34. | 0.8 | 30 |
| 85 | Feature integration in visual working memory: parietal gamma activity is related to cognitive coordination. Journal of Neurophysiology, 2011, 106, 3185-3194. | 0.9 | 30 |
| 86 | Marked Reductions in Visual Evoked Responses But Not Î³-Aminobutyric Acid Concentrations or Î³-Band Measures in Remitted Depression. Biological Psychiatry, 2013, 73, 691-698. | 0.7 | 30 |
| 87 | Comparison of the repeatability of GABAâ€edited magnetic resonance spectroscopy with and without macromolecule suppression. Magnetic Resonance in Medicine, 2016, 75, 946-953. | 1.9 | 30 |
| 88 | Magnetoencephalography as a Tool in Psychiatric Research: Current Status and Perspective. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 235-244. | 1.1 | 29 |
| 89 | Restingâ€state oscillatory dynamics in sensorimotor cortex in benign epilepsy with centroâ€temporal spikes and typical brain development. Human Brain Mapping, 2015, 36, 3935-3949. | 1.9 | 27 |
| 90 | Quantification of Î³â€aminobutyric acid (GABA) in <sup>1</sup>H MRS volumes composed heterogeneously of grey and white matter. NMR in Biomedicine, 2016, 29, 1644-1655. | 1.6 | 27 |

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| 91 | Neurovascular Coupling During Visual Stimulation in Multiple Sclerosis: A MEG-fMRI Study. Neuroscience, 2019, 403, 54-69. | 1.1 | 26 |
| 92 | 3-Dimensional modelling of chick embryo eye development and growth using high resolution magnetic resonance imaging. Experimental Eye Research, 2009, 89, 511-521. | 1.2 | 23 |
| 93 | Enhanced Awareness Followed Reversible Inhibition of Human Visual Cortex: A Combined TMS, MRS and MEG Study. PLoS ONE, 2014, 9, e100350. | 1.1 | 23 |
| 94 | Spatial frequency supports the emergence of categorical representations in visual cortex during natural scene perception. NeuroImage, 2018, 179, 102-116. | 2.1 | 23 |
| 95 | Intersubject variability and induced gamma in the visual cortex: DCM with empirical <scp>B</scp>ayes and neural fields. Human Brain Mapping, 2016, 37, 4597-4614. | 1.9 | 22 |
| 96 | Linear Tuning of Gamma Amplitude and Frequency to Luminance Contrast: Evidence from a Continuous Mapping Paradigm. PLoS ONE, 2015, 10, e0124798. | 1.1 | 21 |
| 97 | Juvenile myoclonic epilepsy shows increased posterior theta, and reduced sensorimotor beta resting connectivity. Epilepsy Research, 2020, 163, 106324. | 0.8 | 21 |
| 98 | Non-invasive brain mapping in epilepsy: Applications from magnetoencephalography. Journal of Neuroscience Methods, 2016, 260, 283-291. | 1.3 | 20 |
| 99 | Predicting MEG resting-state functional connectivity from microstructural information. Network Neuroscience, 2021, 5, 477-504. | 1.4 | 20 |
| 100 | The spatial distribution and temporal dynamics of brain regions activated during the perception of object and non-object patterns. NeuroImage, 2007, 34, 371-383. | 2.1 | 19 |
| 101 | Attenuated Post-Movement Beta Rebound Associated With Schizotypal Features in Healthy People. Schizophrenia Bulletin, 2019, 45, 883-891. | 2.3 | 19 |
| 102 | Localizing evoked and induced responses to faces using magnetoencephalography. European Journal of Neuroscience, 2014, 39, 1517-1527. | 1.2 | 18 |
| 103 | Assessment and elimination of the effects of head movement on MEG resting-state measures of oscillatory brain activity. NeuroImage, 2017, 159, 302-324. | 2.1 | 18 |
| 104 | The temporal sequence of evoked and induced cortical responses to impliedâ€motion processing in human motion area V5/MT+. European Journal of Neuroscience, 2007, 26, 775-783. | 1.2 | 17 |
| 105 | Reduced movement-related beta desynchronisation in juvenile myoclonic epilepsy: A MEG study of task specific cortical modulation. Clinical Neurophysiology, 2011, 122, 2128-2138. | 0.7 | 17 |
| 106 | Genetic common variants associated with cerebellar volume and their overlap with mental disorders: a study on 33,265 individuals from the UK-Biobank. Molecular Psychiatry, 2022, 27, 2282-2290. | 4.1 | 17 |
| 107 | Global motion adaptation. Vision Research, 2000, 40, 1069-1075. | 0.7 | 16 |
| 108 | Structural and neurochemical correlates of individual differences in gamma frequency oscillations in human visual cortex. Journal of Anatomy, 2015, 227, 409-417. | 0.9 | 16 |

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| 109 | Increased visual gamma power in schizoaffective bipolar disorder. Psychological Medicine, 2015, 45, 783-794. | 2.7 | 16 |
| 110 | Generative modelling of the thalamo-cortical circuit mechanisms underlying the neurophysiological effects of ketamine. NeuroImage, 2020, 221, 117189. | 2.1 | 15 |
| 111 | The effects of AMPA blockade on the spectral profile of human early visual cortex recordings studied with non-invasive MEG. Cortex, 2016, 81, 266-275. | 1.1 | 14 |
| 112 | The effects of AMPA receptor blockade on resting magnetoencephalography recordings. Journal of Psychopharmacology, 2017, 31, 1527-1536. | 2.0 | 14 |
| 113 | Energy landscape of resting magnetoencephalography reveals fronto-parietal network impairments in epilepsy. Network Neuroscience, 2020, 4, 374-396. | 1.4 | 14 |
| 114 | Benign childhood epilepsy with centrotemporal spikes (BECTS) and developmental co-ordination disorder. Epilepsy and Behavior, 2017, 72, 122-126. | 0.9 | 13 |
| 115 | A verifiable solution to the MEG inverse problem. NeuroImage, 2006, 31, 623-626. | 2.1 | 12 |
| 116 | Motor-related oscillatory activity in schizophrenia according to phase of illness and clinical symptom severity. NeuroImage: Clinical, 2021, 29, 102524. | 1.4 | 12 |
| 117 | Cortical oscillatory changes in human middle temporal cortex underlying smooth pursuit eye movements. Human Brain Mapping, 2013, 34, 837-851. | 1.9 | 10 |
| 118 | Patient, interrupted: MEG oscillation dynamics reveal temporal dysconnectivity in schizophrenia. NeuroImage: Clinical, 2020, 28, 102485. | 1.4 | 10 |
| 119 | Altered Brain Criticality in Schizophrenia: New Insights From Magnetoencephalography. Frontiers in Neural Circuits, 2022, 16, 630621. | 1.4 | 10 |
| 120 | Measuring robust functional connectivity from resting-state MEG using amplitude and entropy correlation across frequency bands and temporal scales. NeuroImage, 2021, 226, 117551. | 2.1 | 9 |
| 121 | Semantic and phonological task-set priming and stimulus processing investigated using magnetoencephalography (MEG). Neuropsychologia, 2007, 45, 1041-1054. | 0.7 | 8 |
| 122 | Electrophysiological network alterations in adults with copy number variants associated with high neurodevelopmental risk. Translational Psychiatry, 2020, 10, 324. | 2.4 | 8 |
| 123 | A computational biomarker of juvenile myoclonic epilepsy from resting-state MEG. Clinical Neurophysiology, 2021, 132, 922-927. | 0.7 | 8 |
| 124 | The cost of serially chaining two cognitive operations. Psychological Research, 2012, 76, 566-578. | 1.0 | 7 |
| 125 | Magnetoencephalographic correlates of processes supporting long-term memory judgments. Brain Research, 2009, 1283, 73-83. | 1.1 | 6 |
| 126 | An MEG investigation of the neural mechanisms subserving complex visuomotor coordinationâ˜†. International Journal of Psychophysiology, 2011, 79, 296-304. | 0.5 | 6 |

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|---|---|---|---|
| 127 | Induced and Evoked Properties of Vibrotactile Adaptation in the Primary Somatosensory Cortex. Neural Plasticity, 2019, 2019, 1-9. | 1.0 | 6 |
| 128 | Global Brain Flexibility During Working Memory Is Reduced in a High-Genetic-Risk Group for Schizophrenia. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 1176-1184. | 1.1 | 6 |
| 129 | Brain Correlates of Experience-Dependent Changes in Stimulus Discrimination Based on the Amount and Schedule of Exposure. PLoS ONE, 2014, 9, e101011. | 1.1 | 6 |
| 130 | Reasoning with Linear Orders: Differential Parietal Cortex Activation in Sub-Clinical Depression. An fMRI Investigation in Sub-Clinical Depression and Controls. Frontiers in Human Neuroscience, 2014, 8, 1061. | 1.0 | 5 |
| 131 | Ipsilateral cortical motor desynchronisation is reduced in Benign Epilepsy with Centro-Temporal Spikes. Clinical Neurophysiology, 2016, 127, 1147-1156. | 0.7 | 5 |
| 132 | The role of sustained posterior brain activity in the serial chaining of two cognitive operations: A <scp>MEG</scp> study. Psychophysiology, 2012, 49, 1133-1144. | 1.2 | 4 |
| 133 | The gamma response to colour hue in humans: Evidence from MEG. PLoS ONE, 2020, 15, e0243237. | 1.1 | 4 |
| 134 | MEG evidence that the central auditory system simultaneously encodes multiple temporal cues. European Journal of Neuroscience, 2009, 30, 1183-1191. | 1.2 | 3 |
| 135 | A comparison of GABA-ergic (propofol) and non-GABA-ergic (dexmedetomidine) sedation on visual and motor cortical oscillations, using magnetoencephalography. NeuroImage, 2021, 245, 118659. | 2.1 | 3 |
| 136 | Genetic risk for schizophrenia is associated with altered visually-induced gamma band activity: evidence from a population sample stratified polygenic risk. Translational Psychiatry, 2021, 11, 592. | 2.4 | 3 |
| 137 | Functional imaging of the brain using superconducting magnetometry. Endeavour, 1995, 19, 39-44. | 0.1 | 2 |
| 138 | Tiagabine induced modulation of oscillatory connectivity and activity match PET-derived, canonical GABA-A receptor distributions. European Neuropsychopharmacology, 2021, 50, 34-45. | 0.3 | 2 |
| 139 | Ex vivo magnetic resonance imaging of crystalline lens dimensions in chicken. Molecular Vision, 2010, 16, 144-53. | 1.1 | 2 |
| 140 | Evidence that smooth pursuit velocity, not eye position, modulates alpha and beta oscillations in human middle temporal cortex. Human Brain Mapping, 2015, 36, 5220-5232. | 1.9 | 1 |
| 141 | Retinotopic fMRI and tumour resection in a case with occipital lobe epilepsy. Seizure: the Journal of the British Epilepsy Association, 2016, 41, 175-178. | 0.9 | 1 |
| 142 | A Novel, Fast, Reliable, and Data-Driven Method for Simultaneous Single-Trial Mining and Amplitudeâ€"Latency Estimation Based on Proximity Graphs and Network Analysis. Frontiers in Neuroinformatics, 2018, 12, 59. | 1.3 | 1 |
| 143 | The gamma response to colour hue in humans: Evidence from MEG. , 2020, 15, e0243237. | | 0 |
| 144 | The gamma response to colour hue in humans: Evidence from MEG. , 2020, 15, e0243237. | | 0 |

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| 145 | The gamma response to colour hue in humans: Evidence from MEG. , 2020, 15, e0243237. | | 0 |
| 146 | The gamma response to colour hue in humans: Evidence from MEG. , 2020, 15, e0243237. | | 0 |