

N Jon Shah

List of Publications by Year in descending order

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Version: 2024-02-01

551
papers

25,755
citations

6254

80
h-index

11308

136
g-index

574
all docs

574
docs citations

574
times ranked

24647
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Cytoarchitectonic mapping of the human amygdala, hippocampal region and entorhinal cortex: intersubject variability and probability maps. <i>Anatomy and Embryology</i> , 2005, 210, 343-352. | 1.5 | 1,041 |
| 2 | Mind Reading: Neural Mechanisms of Theory of Mind and Self-Perspective. <i>NeuroImage</i> , 2001, 14, 170-181. | 4.2 | 989 |
| 3 | Polymodal Motion Processing in Posterior Parietal and Premotor Cortex. <i>Neuron</i> , 2001, 29, 287-296. | 8.1 | 719 |
| 4 | BigBrain: An Ultrahigh-Resolution 3D Human Brain Model. <i>Science</i> , 2013, 340, 1472-1475. | 12.6 | 673 |
| 5 | Gender differences in brain networks supporting empathy. <i>NeuroImage</i> , 2008, 42, 393-403. | 4.2 | 434 |
| 6 | Recognition of emotional prosody and verbal components of spoken language: an fMRI study. <i>Cognitive Brain Research</i> , 2000, 9, 227-238. | 3.0 | 412 |
| 7 | Being with virtual others: Neural correlates of social interaction. <i>Neuropsychologia</i> , 2006, 44, 718-730. | 1.6 | 412 |
| 8 | Analysis of neural mechanisms underlying verbal fluency in cytoarchitectonically defined stereotaxic space—The roles of Brodmann areas 44 and 45. <i>NeuroImage</i> , 2004, 22, 42-56. | 4.2 | 406 |
| 9 | Minds Made for Sharing: Initiating Joint Attention Recruits Reward-related Neurocircuitry. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 2702-2715. | 2.3 | 389 |
| 10 | Line bisection judgments implicate right parietal cortex and cerebellum as assessed by fMRI. <i>Neurology</i> , 2000, 54, 1324-1331. | 1.1 | 351 |
| 11 | Prefrontal involvement in imitation learning of hand actions: Effects of practice and expertise. <i>NeuroImage</i> , 2007, 37, 1371-1383. | 4.2 | 301 |
| 12 | Subcortical Correlates of Craving in Recently Abstinent Alcoholic Patients. <i>American Journal of Psychiatry</i> , 2001, 158, 1075-1083. | 7.2 | 293 |
| 13 | The neural correlates of person familiarity: A functional magnetic resonance imaging study with clinical implications. <i>Brain</i> , 2001, 124, 804-815. | 7.6 | 270 |
| 14 | Cortical activations during paced finger-tapping applying visual and auditory pacing stimuli. <i>Cognitive Brain Research</i> , 2000, 10, 51-66. | 3.0 | 266 |
| 15 | Cortical activations in primary and secondary motor areas for complex bimanual movements in professional pianists. <i>Cognitive Brain Research</i> , 2000, 10, 177-183. | 3.0 | 265 |
| 16 | Advances in neuro-oncology imaging. <i>Nature Reviews Neurology</i> , 2017, 13, 279-289. | 10.1 | 264 |
| 17 | Gender differences in the cognitive control of emotion: An fMRI study. <i>Neuropsychologia</i> , 2007, 45, 2744-2754. | 1.6 | 260 |
| 18 | Neural Representations of Self versus Other: Visual-Spatial Perspective Taking and Agency in a Virtual Ball-tossing Game. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 898-910. | 2.3 | 245 |

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|----|---|-----|-----------|
| 19 | Attention modulates activity in the primary and the secondary auditory cortex: a functional magnetic resonance imaging study in human subjects. <i>Neuroscience Letters</i> , 1999, 266, 125-128. | 2.1 | 231 |
| 20 | Probabilistic fibre tract analysis of cytoarchitectonically defined human inferior parietal lobule areas reveals similarities to macaques. <i>NeuroImage</i> , 2011, 58, 362-380. | 4.2 | 216 |
| 21 | PET/MRI Radiomics in Patients With Brain Metastases. <i>Frontiers in Neurology</i> , 2020, 11, 1. | 2.4 | 210 |
| 22 | Bloodâ€“Brain Barrier Permeability Abnormalities in Vascular Cognitive Impairment. <i>Stroke</i> , 2011, 42, 2158-2163. | 2.0 | 209 |
| 23 | Performing allocentric visuospatial judgments with induced distortion of the egocentric reference frame: an fMRI study with clinical implications. <i>NeuroImage</i> , 2003, 20, 1505-1517. | 4.2 | 192 |
| 24 | Impairment in the Specificity of Emotion Processing in Schizophrenia. <i>American Journal of Psychiatry</i> , 2006, 163, 442-447. | 7.2 | 190 |
| 25 | Same or different? Neural correlates of happy and sad mood in healthy males. <i>NeuroImage</i> , 2005, 26, 206-214. | 4.2 | 187 |
| 26 | Role of ^{18}F -Fluoroethyl-L-Tyrosine PET for Differentiation of Local Recurrent Brain Metastasis from Radiation Necrosis. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1367-1374. | 5.0 | 171 |
| 27 | The extrastriate cortex distinguishes between the consequences of one's own and others' behavior. <i>NeuroImage</i> , 2007, 36, 1004-1014. | 4.2 | 165 |
| 28 | Human cortical connectome reconstruction from diffusion weighted MRI: The effect of tractography algorithm. <i>NeuroImage</i> , 2012, 62, 1732-1749. | 4.2 | 164 |
| 29 | Intensity coding of auditory stimuli: an fMRI study. <i>Neuropsychologia</i> , 1998, 36, 875-883. | 1.6 | 158 |
| 30 | Response assessment of bevacizumab in patients with recurrent malignant glioma using ^{18}F -Fluoroethyl-L-tyrosine PET in comparison to MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 22-33. | 6.4 | 158 |
| 31 | Emotional processing in male adolescents with childhoodâ€“onset conduct disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2008, 49, 781-791. | 5.2 | 155 |
| 32 | A fronto-parietal circuit for tactile object discrimination:. <i>NeuroImage</i> , 2003, 19, 1103-1114. | 4.2 | 154 |
| 33 | Cortical Representations of Personally Familiar Objects and Places: Functional Organization of the Human Posterior Cingulate Cortex. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 183-198. | 2.3 | 149 |
| 34 | Neural correlates of working memory dysfunction in first-episode schizophrenia patients: An fMRI multi-center study. <i>Schizophrenia Research</i> , 2007, 89, 198-210. | 2.0 | 148 |
| 35 | Representation of Interaural Temporal Information from Left and Right Auditory Space in the Human Planum Temporale and Inferior Parietal Lobe. <i>Cerebral Cortex</i> , 2005, 15, 317-324. | 2.9 | 147 |
| 36 | The Role of the Inferior Parietal Cortex in Linking the Tactile Perception and Manual Construction of Object Shapes. <i>Cerebral Cortex</i> , 2001, 11, 114-121. | 2.9 | 141 |

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|----|--|-----|-----------|
| 37 | Imaging the where and when of tic generation and resting state networks in adult Tourette patients. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 362. | 2.0 | 140 |
| 38 | Neural Activity in Human Primary Motor Cortex Areas 4a and 4p Is Modulated Differentially by Attention to Action. <i>Journal of Neurophysiology</i> , 2002, 88, 514-519. | 1.8 | 138 |
| 39 | High resolution BrainPET combined with simultaneous MRI. <i>Nuklearmedizin - NuclearMedicine</i> , 2011, 50, 74-82. | 0.7 | 138 |
| 40 | Focused and Nonfocused Attention in Verbal and Emotional Dichotic Listening: An fMRI Study. <i>Brain and Language</i> , 2001, 78, 349-363. | 1.6 | 135 |
| 41 | The use of dynamic O-(2-18F-fluoroethyl)-L-tyrosine PET in the diagnosis of patients with progressive and recurrent glioma. <i>Neuro-Oncology</i> , 2015, 17, 1293-300. | 1.2 | 134 |
| 42 | Does dichotic listening probe temporal lobe functions?. <i>Neurology</i> , 2002, 58, 736-743. | 1.1 | 131 |
| 43 | Increased neural response related to neutral faces in individuals at risk for psychosis. <i>NeuroImage</i> , 2008, 40, 289-297. | 4.2 | 131 |
| 44 | Duration matters: Dissociating neural correlates of detection and evaluation of social gaze. <i>NeuroImage</i> , 2009, 46, 1154-1163. | 4.2 | 130 |
| 45 | Effect of CACNA1C rs1006737 on neural correlates of verbal fluency in healthy individuals. <i>NeuroImage</i> , 2010, 49, 1831-1836. | 4.2 | 130 |
| 46 | Quantitative cerebral water content mapping in hepatic encephalopathy. <i>NeuroImage</i> , 2008, 41, 706-717. | 4.2 | 124 |
| 47 | Fear Processing and Social Networking in the Absence of a Functional Amygdala. <i>Biological Psychiatry</i> , 2012, 72, 70-77. | 1.3 | 123 |
| 48 | The Default Mode Network and EEG Regional Spectral Power: A Simultaneous fMRI-EEG Study. <i>PLoS ONE</i> , 2014, 9, e88214. | 2.5 | 121 |
| 49 | Fully-automated detection of cerebral water content changes: Study of age- and gender-related H2O patterns with quantitative MRI. <i>NeuroImage</i> , 2006, 29, 910-922. | 4.2 | 119 |
| 50 | Comparison of Cerebral Blood Flow Acquired by Simultaneous [¹⁵ O]Water Positron Emission Tomography and Arterial Spin Labeling Magnetic Resonance Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1373-1380. | 4.3 | 118 |
| 51 | Tapping movements according to regular and irregular visual timing signals investigated with fMRI. <i>NeuroReport</i> , 2000, 11, 1301-1306. | 1.2 | 116 |
| 52 | Assessment of reliability in functional imaging studies. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 17, 463-471. | 3.4 | 116 |
| 53 | Hyperpolarized xenon in NMR and MRI. <i>Physics in Medicine and Biology</i> , 2004, 49, R105-R153. | 3.0 | 116 |
| 54 | Comparison of ¹⁸ F-FET PET and Perfusion-Weighted MR Imaging: A PET/MR Imaging Hybrid Study in Patients with Brain Tumors. <i>Journal of Nuclear Medicine</i> , 2014, 55, 540-545. | 5.0 | 115 |

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|----|--|-----|-----------|
| 55 | Combined FET PET/MRI radiomics differentiates radiation injury from recurrent brain metastasis. <i>NeuroImage: Clinical</i> , 2018, 20, 537-542. | 2.7 | 113 |
| 56 | Topographic segregation and convergence of verbal, object, shape and spatial working memory in humans. <i>Neuroscience Letters</i> , 2002, 323, 156-160. | 2.1 | 110 |
| 57 | A new method for fast quantitative mapping of absolute water content in vivo. <i>NeuroImage</i> , 2006, 31, 1156-1168. | 4.2 | 108 |
| 58 | Role of ^{18}F -Fluoroethyl-L-Tyrosine PET as a Diagnostic Tool for Detection of Malignant Progression in Patients with Low-Grade Glioma. <i>Journal of Nuclear Medicine</i> , 2013, 54, 2046-2054. | 5.0 | 108 |
| 59 | Automated quality assurance routines for fMRI data applied to a multicenter study. <i>Human Brain Mapping</i> , 2005, 25, 237-246. | 3.6 | 107 |
| 60 | High-performance computing MRI simulations. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 186-193. | 3.0 | 107 |
| 61 | Neural correlates of emotion recognition in schizophrenia. <i>Schizophrenia Research</i> , 2010, 122, 113-123. | 2.0 | 107 |
| 62 | A parametric analysis of the 'rate effect' in the sensorimotor cortex: a functional magnetic resonance imaging analysis in human subjects. <i>Neuroscience Letters</i> , 1998, 252, 37-40. | 2.1 | 101 |
| 63 | Fast quantitative mapping of absolute water content with full brain coverage. <i>NeuroImage</i> , 2008, 42, 1094-1109. | 4.2 | 99 |
| 64 | Centric scan SPRITE magnetic resonance imaging: optimization of SNR, resolution, and relaxation time mapping. <i>Journal of Magnetic Resonance</i> , 2004, 169, 102-117. | 2.1 | 98 |
| 65 | Neuronal Correlates of Facial Emotion Discrimination in Early Onset Schizophrenia. <i>Neuropsychopharmacology</i> , 2009, 34, 477-487. | 5.4 | 98 |
| 66 | Studying variability in human brain aging in a population-based German cohort—rationale and design of 1000BRAINS. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 149. | 3.4 | 97 |
| 67 | Genetic Load on Amygdala Hypofunction During Sadness in Nonaffected Brothers of Schizophrenia Patients. <i>American Journal of Psychiatry</i> , 2004, 161, 1806-1813. | 7.2 | 95 |
| 68 | Static and dynamic ^{18}F -FET PET for the characterization of gliomas defined by IDH and 1p/19q status. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 443-451. | 6.4 | 95 |
| 69 | Effects of a <i>CACNA1C</i> genotype on attention networks in healthy individuals. <i>Psychological Medicine</i> , 2011, 41, 1551-1561. | 4.5 | 94 |
| 70 | White-matter abnormalities in Tourette syndrome extend beyond motor pathways. <i>NeuroImage</i> , 2010, 51, 1184-1193. | 4.2 | 92 |
| 71 | Multiple Movement Representations in the Human Brain: An Event-Related fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 769-784. | 2.3 | 91 |
| 72 | Dynamic ^{18}F -fluoroethyl-L-tyrosine positron emission tomography differentiates brain metastasis recurrence from radiation injury after radiotherapy. <i>Neuro-Oncology</i> , 2017, 19, now149. | 1.2 | 91 |

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|----|--|-----|-----------|
| 73 | The N-Methyl-D-Aspartate Receptor Co-agonist D-Cycloserine Facilitates Declarative Learning and Hippocampal Activity in Humans. <i>Biological Psychiatry</i> , 2010, 67, 1205-1211. | 1.3 | 90 |
| 74 | Predicting IDH genotype in gliomas using FET PET radiomics. <i>Scientific Reports</i> , 2018, 8, 13328. | 3.3 | 90 |
| 75 | A functional magnetic resonance imaging study of local/global processing with stimulus presentation in the peripheral visual hemifields. <i>Neuroscience</i> , 2004, 124, 113-120. | 2.3 | 89 |
| 76 | Differential Uptake of O-(2-18F-Fluoroethyl)-L-Tyrosine, L-3H-Methionine, and 3H-Deoxyglucose in Brain Abscesses. <i>Journal of Nuclear Medicine</i> , 2007, 48, 2056-2062. | 5.0 | 86 |
| 77 | Quantitative measurement of blood-brain barrier permeability in human using dynamic contrast-enhanced MRI with fast T_1 mapping. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1036-1042. | 3.0 | 86 |
| 78 | Radiomics in neuro-oncology: Basics, workflow, and applications. <i>Methods</i> , 2021, 188, 112-121. | 3.8 | 85 |
| 79 | Practical design of a 4 Tesla double-tuned RF surface coil for interleaved 1H and 23Na MRI of rat brain. <i>Journal of Magnetic Resonance</i> , 2006, 181, 203-211. | 2.1 | 83 |
| 80 | Amygdala control of emotion-induced forgetting and remembering: Evidence from Urbach-Wiethe disease. <i>Neuropsychologia</i> , 2007, 45, 877-884. | 1.6 | 83 |
| 81 | Human V5/MT+: comparison of functional and cytoarchitectonic data. <i>Anatomy and Embryology</i> , 2005, 210, 485-495. | 1.5 | 82 |
| 82 | Altered resting-state connectivity in Huntington's Disease. <i>Human Brain Mapping</i> , 2014, 35, 2582-2593. | 3.6 | 82 |
| 83 | Influence of acoustic masking noise in fMRI of the auditory cortex during phonetic discrimination. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 9, 19-25. | 3.4 | 81 |
| 84 | Left and right superior parietal lobule in tactile object discrimination. <i>European Journal of Neuroscience</i> , 2004, 19, 1067-1072. | 2.6 | 81 |
| 85 | Radiation injury vs. recurrent brain metastasis: combining textural feature radiomics analysis and standard parameters may increase 18F-FET PET accuracy without dynamic scans. <i>European Radiology</i> , 2017, 27, 2916-2927. | 4.5 | 81 |
| 86 | The precuneus and the insula in self-attributional processes. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2013, 13, 330-345. | 2.0 | 78 |
| 87 | Changes in Soil Water Content Resulting from <i>Ricinus</i> Root Uptake Monitored by Magnetic Resonance Imaging. <i>Vadose Zone Journal</i> , 2008, 7, 1010-1017. | 2.2 | 76 |
| 88 | Dual-time-point O-(2-[18F]fluoroethyl)-L-tyrosine PET for grading of cerebral gliomas. <i>European Radiology</i> , 2015, 25, 3017-3024. | 4.5 | 76 |
| 89 | FET PET reveals considerable spatial differences in tumour burden compared to conventional MRI in newly diagnosed glioblastoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 591-602. | 6.4 | 74 |
| 90 | FastT1 mapping with volume coverage. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 131-140. | 3.0 | 70 |

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|-----|--|-----|-----------|
| 91 | A New Method for Fast Multislice T1 Mapping. <i>NeuroImage</i> , 2001, 14, 1175-1185. | 4.2 | 69 |
| 92 | Can the apparent diffusion coefficient be used as a noninvasive parameter to distinguish tumor tissue from peritumoral tissue in cerebral gliomas?. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 20, 758-764. | 3.4 | 69 |
| 93 | Neural substrates of olfactory processing in schizophrenia patients and their healthy relatives. <i>Psychiatry Research - Neuroimaging</i> , 2007, 155, 103-112. | 1.8 | 68 |
| 94 | Differential involvement of the posterior temporal cortex in mentalizing but not perspective taking. <i>Social Cognitive and Affective Neuroscience</i> , 2008, 3, 279-289. | 3.0 | 68 |
| 95 | Quantitative T1 mapping of hepatic encephalopathy using magnetic resonance imaging. <i>Hepatology</i> , 2003, 38, 1219-1226. | 7.3 | 67 |
| 96 | Top-down and bottom-up modulation of language related areas—an fMRI study. <i>BMC Neuroscience</i> , 2003, 4, 13. | 1.9 | 67 |
| 97 | Differential brain activation during facial emotion discrimination in first-episode schizophrenia. <i>Journal of Psychiatric Research</i> , 2009, 43, 592-599. | 3.1 | 67 |
| 98 | Increased brain tissue sodium concentration in Huntington's Disease – A sodium imaging study at 4T. <i>NeuroImage</i> , 2012, 63, 517-524. | 4.2 | 67 |
| 99 | Advances in multimodal neuroimaging: Hybrid MR–PET and MR–PET–EEG at 3T and 9.4T. <i>Journal of Magnetic Resonance</i> , 2013, 229, 101-115. | 2.1 | 67 |
| 100 | Dependence of amygdala activation on echo time: Results from olfactory fMRI experiments. <i>NeuroImage</i> , 2006, 30, 151-159. | 4.2 | 66 |
| 101 | Training of affect recognition in schizophrenia: Neurobiological correlates. <i>Social Neuroscience</i> , 2010, 5, 92-104. | 1.3 | 65 |
| 102 | Improved nTMS- and DTI-derived CST tractography through anatomical ROI seeding on anterior pontine level compared to internal capsule. <i>NeuroImage: Clinical</i> , 2015, 7, 424-437. | 2.7 | 65 |
| 103 | Multimodal imaging utilising integrated MR-PET for human brain tumour assessment. <i>European Radiology</i> , 2012, 22, 2568-2580. | 4.5 | 64 |
| 104 | Consistent Neurodegeneration and Its Association with Clinical Progression in Huntington's Disease: A Coordinate-Based Meta-Analysis. <i>Neurodegenerative Diseases</i> , 2013, 12, 23-35. | 1.4 | 64 |
| 105 | The Usefulness of Dynamic ^{18}F -Fluoroethyl)-l-Tyrosine PET in the Clinical Evaluation of Brain Tumors in Children and Adolescents. <i>Journal of Nuclear Medicine</i> , 2015, 56, 88-92. | 5.0 | 64 |
| 106 | Neuronal correlates of encoding and retrieval in episodic memory during a paired-word association learning task: a functional magnetic resonance imaging study. <i>Experimental Brain Research</i> , 1999, 128, 332-342. | 1.5 | 63 |
| 107 | Visuospatial working memory and changes of the point of view in 3D space. <i>NeuroImage</i> , 2007, 36, 955-968. | 4.2 | 63 |
| 108 | From simultaneous to synergistic MR–PET brain imaging: A review of hybrid MR–PET imaging methodologies. <i>Human Brain Mapping</i> , 2018, 39, 5126-5144. | 3.6 | 62 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 109 | Microglial activation and bloodâ€“brain barrier permeability in cerebral small vessel disease. <i>Brain</i> , 2021, 144, 1361-1371. | 7.6 | 62 |
| 110 | Stability of emotional dysfunctions? A long-term fMRI study in first-episode schizophrenia. <i>Journal of Psychiatric Research</i> , 2007, 41, 918-927. | 3.1 | 61 |
| 111 | Deformation Field Morphometry Reveals Age-Related Structural Differences between the Brains of Adults up to 51 Years. <i>Journal of Neuroscience</i> , 2008, 28, 828-842. | 3.6 | 61 |
| 112 | â€“Whereâ€™ depends on â€“whatâ€™: A differential functional anatomy for position discrimination in one-versus two-dimensions. <i>Neuropsychologia</i> , 2000, 38, 1741-1748. | 1.6 | 60 |
| 113 | Comparison of 18F-FET PET and perfusion-weighted MRI for glioma grading: a hybrid PET/MR study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 2257-2265. | 6.4 | 60 |
| 114 | High- T_c SQUID biomagnetometers. <i>Superconductor Science and Technology</i> , 2017, 30, 083001. | 3.5 | 60 |
| 115 | Magnetic field dependence of the distribution of NMR relaxation times in the living human brain. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2008, 21, 131-147. | 2.0 | 59 |
| 116 | The Network of Brain Areas Involved in the Motion Aftereffect. <i>NeuroImage</i> , 2000, 11, 257-270. | 4.2 | 58 |
| 117 | Volumetric assessment of recurrent or progressive gliomas: comparison between F-DOPA PET and perfusion-weighted MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 905-915. | 6.4 | 58 |
| 118 | Bone regeneration induced by a 3D architected hydrogel in a rat critical-size calvarial defect. <i>Biomaterials</i> , 2017, 113, 158-169. | 11.4 | 58 |
| 119 | Shared k-space echo planar imaging with keyhole. <i>Magnetic Resonance in Medicine</i> , 2001, 45, 109-117. | 3.0 | 57 |
| 120 | Differential uptake of [18F]FET and [3H]l-methionine in focal cortical ischemia. <i>Nuclear Medicine and Biology</i> , 2006, 33, 1029-1035. | 0.6 | 55 |
| 121 | Cerebral Dysfunctions of Emotionâ€“Cognition Interactions in Adolescent-Onset Schizophrenia. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2008, 47, 1299-1310. | 0.5 | 55 |
| 122 | Hybrid 18F-FDG PETâ€“MRI of the hand in rheumatoid arthritis: initial results. <i>Clinical Rheumatology</i> , 2011, 30, 1247-1250. | 2.2 | 55 |
| 123 | Analysis of protonâ€“density bias corrections based on T_1 measurement for robust quantification of water content in the brain at 3 Tesla. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1735-1745. | 3.0 | 55 |
| 124 | FET PET Radiomics for Differentiating Pseudoprogression from Early Tumor Progression in Glioma Patients Post-Chemoradiation. <i>Cancers</i> , 2020, 12, 3835. | 3.7 | 55 |
| 125 | Amino acid PET and MR perfusion imaging in brain tumours. <i>Clinical and Translational Imaging</i> , 2017, 5, 209-223. | 2.1 | 54 |
| 126 | The Effect of Sequence Repeat Time on Auditory Cortex Stimulation During Phonetic Discrimination. <i>NeuroImage</i> , 2000, 12, 100-108. | 4.2 | 53 |

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|-----|--|-----|-----------|
| 127 | Non-Gaussian Diffusion Imaging for Enhanced Contrast of Brain Tissue Affected by Ischemic Stroke. PLoS ONE, 2014, 9, e89225. | 2.5 | 53 |
| 128 | Influence of age and cognitive performance on resting-state brain networks of older adults in a population-based cohort. Cortex, 2017, 89, 28-44. | 2.4 | 53 |
| 129 | Functional anatomy and differential time courses of neural processing for explicit, inferred, and illusory contoursAn event-related fMRI study. Neurolmage, 2003, 19, 1567-1577. | 4.2 | 52 |
| 130 | Non-Gaussian diffusion in human brain tissue at high b-factors as examined by a combined diffusion kurtosis and biexponential diffusion tensor analysis. Neurolmage, 2011, 57, 1087-1102. | 4.2 | 52 |
| 131 | Fully-3D PET Image Reconstruction Using Scanner-Independent, Adaptive Projection Data and Highly Rotation-Symmetric Voxel Assemblies. IEEE Transactions on Medical Imaging, 2011, 30, 879-892. | 8.9 | 52 |
| 132 | Diffusion kurtosis imaging and log-normal distribution function imaging enhance the visualisation of lesions in animal stroke models. NMR in Biomedicine, 2012, 25, 1295-1304. | 2.8 | 52 |
| 133 | High- T_{m} DC SQUIDS for Magnetoencephalography. IEEE Transactions on Applied Superconductivity, 2013, 23, 1600705-1600705. | 1.7 | 52 |
| 134 | Differential brain activation according to chronic social reward frustration. NeuroReport, 2005, 16, 1899-1903. | 1.2 | 51 |
| 135 | Combined Amino Acid Positron Emission Tomography and Advanced Magnetic Resonance Imaging in Glioma Patients. Cancers, 2019, 11, 153. | 3.7 | 51 |
| 136 | Genetic variation in the schizophrenia-risk gene neuregulin 1 correlates with brain activation and impaired speech production in a verbal fluency task in healthy individuals. Human Brain Mapping, 2009, 30, 3406-3416. | 3.6 | 50 |
| 137 | Single-trial P3 amplitude and latency informed event-related fMRI models yield different BOLD response patterns to a target detection task. Neurolmage, 2009, 47, 1532-1544. | 4.2 | 50 |
| 138 | Clinical Predictors of Individual Cognitive Fluctuations in Patients Undergoing Hemodialysis. American Journal of Kidney Diseases, 2014, 64, 434-442. | 1.9 | 50 |
| 139 | The influence of olfactory-induced negative emotion on verbal working memory: Individual differences in neurobehavioral findings. Brain Research, 2007, 1152, 158-170. | 2.2 | 48 |
| 140 | “Early to bed, early to rise” Diffusion tensor imaging identifies chronotype-specificity. Neurolmage, 2014, 84, 428-434. | 4.2 | 48 |
| 141 | Diffusion kurtosis metrics as biomarkers of microstructural development: A comparative study of a group of children and a group of adults. Neurolmage, 2017, 144, 12-22. | 4.2 | 47 |
| 142 | Differentiation of treatment-related changes from tumour progression: a direct comparison between dynamic FET PET and ADC values obtained from DWI MRI. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1889-1901. | 6.4 | 47 |
| 143 | Associating Colours with People: A Case of Chromatic-Lexical Synaesthesia. Cortex, 2001, 37, 750-753. | 2.4 | 46 |
| 144 | Genetic variation in the schizophrenia-risk gene neuregulin1 correlates with differences in frontal brain activation in a working memory task in healthy individuals. Neurolmage, 2008, 42, 1569-1576. | 4.2 | 46 |

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|-----|---|------|-----------|
| 145 | Quantitative water content mapping at clinically relevant field strengths: A comparative study at 1.5T and 3T. <i>NeuroImage</i> , 2015, 106, 404-413. | 4.2 | 46 |
| 146 | Specific and disease stage-dependent episodic memory-related brain activation patterns in Alzheimer's disease: a coordinate-based meta-analysis. <i>Brain Structure and Function</i> , 2015, 220, 1555-1571. | 2.3 | 46 |
| 147 | Imaging of sodium in the brain: a brief review. <i>NMR in Biomedicine</i> , 2016, 29, 162-174. | 2.8 | 45 |
| 148 | Early treatment response evaluation using FET PET compared to MRI in glioblastoma patients at first progression treated with bevacizumab plus lomustine. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 2377-2386. | 6.4 | 45 |
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