

# Robert K Fulbright

## List of Publications by Year in descending order

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106  
papers

10,456  
citations

43973

48  
h-index

34900

98  
g-index

112  
all docs

112  
docs citations

112  
times ranked

9707  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex differences in the functional organization of the brain for language. <i>Nature</i> , 1995, 373, 607-609.	13.7	1,332
2	Disruption of posterior brain systems for reading in children with developmental dyslexia. <i>Biological Psychiatry</i> , 2002, 52, 101-110.	0.7	860
3	Amygdala hyperreactivity in borderline personality disorder: implications for emotional dysregulation. <i>Biological Psychiatry</i> , 2003, 54, 1284-1293.	0.7	596
4	Development of left occipitotemporal systems for skilled reading in children after a phonologically-based intervention. <i>Biological Psychiatry</i> , 2004, 55, 926-933.	0.7	489
5	Functional Magnetic Resonance Imaging of Cocaine Craving. <i>American Journal of Psychiatry</i> , 2001, 158, 86-95.	4.0	388
6	Neural systems for compensation and persistence: young adult outcome of childhood reading disability. <i>Biological Psychiatry</i> , 2003, 54, 25-33.	0.7	382
7	An fMRI Stroop Task Study of Ventromedial Prefrontal Cortical Function in Pathological Gamblers. <i>American Journal of Psychiatry</i> , 2003, 160, 1990-1994.	4.0	357
8	The Angular Gyrus in Developmental Dyslexia: Task-Specific Differences in Functional Connectivity Within Posterior Cortex. <i>Psychological Science</i> , 2000, 11, 51-56.	1.8	342
9	More accurate Talairach coordinates for neuroimaging using non-linear registration. <i>NeuroImage</i> , 2008, 42, 717-725.	2.1	306
10	Neural Correlates of Stress-Induced and Cue-Induced Drug Craving: Influences of Sex and Cocaine Dependence. <i>American Journal of Psychiatry</i> , 2012, 169, 406-414.	4.0	264
11	Prematurely Born Children Demonstrate White Matter Microstructural Differences at 12 Years of Age, Relative to Term Control Subjects: An Investigation of Group and Gender Effects. <i>Pediatrics</i> , 2008, 121, 306-316.	1.0	242
12	Auditory Selective Attention: An fMRI Investigation. <i>NeuroImage</i> , 1996, 4, 159-173.	2.1	233
13	An fMRI study of the human cortical motor system response to increasing functional demands. <i>Magnetic Resonance Imaging</i> , 1997, 15, 385-396.	1.0	226
14	Frontostriatal Abnormalities in Adolescents With Bipolar Disorder: Preliminary Observations From Functional MRI. <i>American Journal of Psychiatry</i> , 2003, 160, 1345-1347.	4.0	217
15	Deuterium metabolic imaging (DMI) for MRI-based 3D mapping of metabolism in vivo. <i>Science Advances</i> , 2018, 4, eaat7314.	4.7	194
16	Neural activity associated with stress-induced cocaine craving: a functional magnetic resonance imaging study. <i>Psychopharmacology</i> , 2005, 183, 171-180.	1.5	176
17	Preliminary Evidence of Improved Verbal Working Memory Performance and Normalization of Task-Related Frontal Lobe Activation in Schizophrenia Following Cognitive Exercises. <i>American Journal of Psychiatry</i> , 2000, 157, 1694-1697.	4.0	160
18	Functional MRI studies of auditory comprehension. , 1998, 6, 1-13.		158

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19	Preliminary evidence for medication effects on functional abnormalities in the amygdala and anterior cingulate in bipolar disorder. <i>Psychopharmacology</i> , 2005, 183, 308-313.	1.5	148
20	Specifying the Contributions of the Human Amygdala to Emotional Memory: A Case Study. <i>Neurocase</i> , 1998, 4, 527-540.	0.2	144
21	Age-related changes in reading systems of dyslexic children. <i>Annals of Neurology</i> , 2007, 61, 363-370.	2.8	138
22	The relationship between phonological and auditory processing and brain organization in beginning readers. <i>Brain and Language</i> , 2013, 125, 173-183.	0.8	126
23	Frequency, prognosis and surgical treatment of structural abnormalities seen with magnetic resonance imaging in childhood epilepsy. <i>Brain</i> , 2009, 132, 2785-2797.	3.7	122
24	Preliminary evidence for persistent abnormalities in amygdala volumes in adolescents and young adults with bipolar disorder. <i>Bipolar Disorders</i> , 2005, 7, 570-576.	1.1	120
25	The neurobiology of adaptive learning in reading: A contrast of different training conditions. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2004, 4, 67-88.	1.0	117
26	Cerebral Vascular Malformations Adjacent to Sensorimotor and Visual Cortex. <i>Stroke</i> , 1997, 28, 1130-1137.	1.0	103
27	Glutamatergic Function in the Resting Awake Human Brain is Supported by Uniformly High Oxidative Energy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 339-347.	2.4	101
28	Functional MR Imaging of Regional Brain Activation Associated with the Affective Experience of Pain. <i>American Journal of Roentgenology</i> , 2001, 177, 1205-1210.	1.0	97
29	Predicting reading performance from neuroimaging profiles: The cerebral basis of phonological effects in printed word identification.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1997, 23, 299-318.	0.7	92
30	Early and late talkers: school-age language, literacy and neurolinguistic differences. <i>Brain</i> , 2010, 133, 2185-2195.	3.7	92
31	Quantification of intravascular and extravascular contributions to BOLD effects induced by alteration in oxygenation or intravascular contrast agents. <i>Magnetic Resonance in Medicine</i> , 1998, 40, 526-536.	1.9	91
32	Reduced genual corpus callosal white matter integrity in pathological gambling and its relationship to alcohol abuse or dependence. <i>World Journal of Biological Psychiatry</i> , 2013, 14, 129-138.	1.3	90
33	Neuropsychological Near Normality and Brain Structure Abnormality in Schizophrenia. <i>American Journal of Psychiatry</i> , 2009, 166, 189-195.	4.0	76
34	Uniform distributions of glucose oxidation and oxygen extraction in gray matter of normal human brain: No evidence of regional differences of aerobic glycolysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 903-916.	2.4	74
35	Phonological awareness predicts activation patterns for print and speech. <i>Annals of Dyslexia</i> , 2009, 59, 78-97.	1.2	73
36	Glutamate and Choline Levels Predict Individual Differences in Reading Ability in Emergent Readers. <i>Journal of Neuroscience</i> , 2014, 34, 4082-4089.	1.7	73

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37	Localization of semantic processing using functional magnetic resonance imaging. <i>Human Brain Mapping</i> , 1994, 2, 149-158.	1.9	72
38	A neurodevelopmental basis for BECTS: Evidence from structural MRI. <i>Epilepsy Research</i> , 2013, 105, 133-139.	0.8	70
39	Effects of Stimulus Difficulty and Repetition on Printed Word Identification: An fMRI Comparison of Nonimpaired and Reading-disabled Adolescent Cohorts. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1146-1160.	1.1	69
40	Functional Magnetic Resonance Imaging Assessment of the Human Brain Auditory Cortex Response to Increasing Word Presentation Rates. <i>Journal of Neurophysiology</i> , 1997, 77, 476-483.	0.9	65
41	The Functional Neural Architecture of Components of Attention in Language-Processing Tasks. <i>NeuroImage</i> , 2001, 13, 601-612.	2.1	65
42	Unification of sentence processing via ear and eye: An fMRI study. <i>Cortex</i> , 2011, 47, 416-431.	1.1	64
43	Print-Speech Convergence Predicts Future Reading Outcomes in Early Readers. <i>Psychological Science</i> , 2016, 27, 75-84.	1.8	64
44	Diffusion MRI in the early diagnosis of malignant glioma. <i>Journal of Neuro-Oncology</i> , 2007, 82, 221-225.	1.4	60
45	MR Imaging of Familial Creutzfeldt-Jakob Disease: A Blinded and Controlled Study. <i>American Journal of Neuroradiology</i> , 2008, 29, 1638-1643.	1.2	57
46	A functional magnetic resonance imaging study of the tradeoff between semantics and phonology in reading aloud. <i>NeuroReport</i> , 2005, 16, 621-624.	0.6	56
47	Reading Differences and Brain: Cortical Integration of Speech and Print in Sentence Processing Varies With Reader Skill. <i>Developmental Neuropsychology</i> , 2008, 33, 745-775.	1.0	55
48	Variants in the DYX2 locus are associated with altered brain activation in reading-related brain regions in subjects with reading disability. <i>NeuroImage</i> , 2012, 63, 148-156.	2.1	54
49	Hypertrophic pachymeningitis. <i>Journal of the Neurological Sciences</i> , 2016, 367, 278-283.	0.3	54
50	A left cerebellar pathway mediates language in prematurely-born young adults. <i>NeuroImage</i> , 2013, 64, 371-378.	2.1	47
51	Quantity determination and the distance effect with letters, numbers, and shapes: a functional MR imaging study of number processing. <i>American Journal of Neuroradiology</i> , 2003, 24, 193-200.	1.2	47
52	Cerebrospinal Fluid Cleft with Cortical Dimple: MR Imaging Marker for Focal Cortical Dysgenesis. <i>Radiology</i> , 2000, 214, 657-663.	3.6	43
53	Residents' Corner: Pyoderma Gangrenosum at Surgery Sites. <i>The Journal of Dermatologic Surgery and Oncology</i> , 1985, 11, 883-886.	0.8	41
54	Differentiation of speech and nonspeech processing within primary auditory cortex. <i>Journal of the Acoustical Society of America</i> , 2006, 119, 575-581.	0.5	41

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55	MR characteristics of neoplasms and vascular malformations associated with epilepsy. <i>Magnetic Resonance Imaging</i> , 1995, 13, 1153-1162.	1.0	38
56	Neural correlates of language and non-language visuospatial processing in adolescents with reading disability. <i>NeuroImage</i> , 2014, 101, 653-666.	2.1	35
57	Randomized, Sham-Controlled Trial of Real-Time Functional Magnetic Resonance Imaging Neurofeedback for Tics in Adolescents With Tourette Syndrome. <i>Biological Psychiatry</i> , 2020, 87, 1063-1070.	0.7	35
58	MRI Detection of the Cerebellar Syndrome in Creutzfeldtâ€“Jakob Disease. <i>Cerebellum</i> , 2009, 8, 373-381.	1.4	34
59	Network analysis of brain activations in working memory: Behavior and age relationships. <i>Microscopy Research and Technique</i> , 2000, 51, 64-74.	1.2	32
60	Clivus and cervical spinal osteomyelitis with epidural abscess presenting with multiple cranial neuropathies. <i>Clinical Neurology and Neurosurgery</i> , 1995, 97, 239-244.	0.6	29
61	The imaging appearance of Creutzfeldtâ€“Jakob disease caused by the E200K mutation. <i>Magnetic Resonance Imaging</i> , 2006, 24, 1121-1129.	1.0	28
62	Predicting Midsagittal Pharynx Shape From Tongue Position During Vowel Production. <i>Journal of Speech, Language, and Hearing Research</i> , 1999, 42, 592-603.	0.7	27
63	The neurobiology of dyslexia. <i>Clinical Neuroscience Research</i> , 2001, 1, 291-299.	0.8	26
64	Structural brain differences in school-age children with residual speech sound errors. <i>Brain and Language</i> , 2014, 128, 25-33.	0.8	26
65	Voxel-based logistic analysis of PPMI control and Parkinson's disease DaTscans. <i>NeuroImage</i> , 2017, 152, 299-311.	2.1	25
66	Primary dural lymphomas: Clinical presentation, management, and outcome. <i>Cancer</i> , 2020, 126, 2811-2820.	2.0	24
67	Specifying the Contributions of the Human Amygdala to Emotional Memory: A Case Study. <i>Neurocase</i> , 1998, 4, 527-540.	0.2	23
68	Reference values for long echo time MR spectroscopy in healthy adults. <i>American Journal of Neuroradiology</i> , 2005, 26, 1439-45.	1.2	23
69	Prognostic markers for immunodeficiency-associated primary central nervous system lymphoma. <i>Journal of Neuro-Oncology</i> , 2019, 144, 107-115.	1.4	22
70	Functional MRI changes before and after onset of reported emotions. <i>Psychiatry Research - Neuroimaging</i> , 2004, 132, 239-250.	0.9	18
71	Optimal embedding for shape indexing in medical image databases. <i>Medical Image Analysis</i> , 2010, 14, 243-254.	7.0	18
72	Lateral ventricle volume and psychotic features in adolescents and adults with bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 400-402.	0.9	17

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73	Searching for Potockiâ€“Lupski syndrome phenotype: A patient with language impairment and no autism. <i>Brain and Development</i> , 2012, 34, 700-703.	0.6	15
74	A quantitative model based on clinically relevant MRI features differentiates lower grade gliomas and glioblastoma. <i>European Radiology</i> , 2020, 30, 3073-3082.	2.3	13
75	Application of contrast agents in MR imaging of the spine. <i>Journal of Magnetic Resonance Imaging</i> , 1993, 3, 219-232.	1.9	12
76	Economic impact of replacing CT with MR imaging for refractory epilepsy. <i>Magnetic Resonance Imaging</i> , 1997, 15, 857-862.	1.0	12
77	Diffusion-weighted MRI in neuro-oncology. <i>CNS Oncology</i> , 2012, 1, 155-167.	1.2	12
78	Extent of resection of epidermoid tumors and risk of recurrence: case report and meta-analysis. <i>Journal of Neurosurgery</i> , 2020, 133, 291-301.	0.9	12
79	Type of bony involvement predicts genomic subgroup in sphenoid wing meningiomas. <i>Journal of Neuro-Oncology</i> , 2021, 154, 237-246.	1.4	11
80	In vivo evidence of differential frontal cortex metabolic abnormalities in progressive and relapsingâ€“remitting multiple sclerosis. <i>NMR in Biomedicine</i> , 2021, 34, e4590.	1.6	9
81	Cavernous hemangioma of the thalamus. <i>Journal of Neuro-Oncology</i> , 2005, 71, 257-257.	1.4	6
82	<i>DNMT3A</i> co-mutation in an <i>IDH1</i> -mutant glioblastoma. <i>Journal of Physical Education and Sports Management</i> , 2019, 5, a004119.	0.5	6
83	A homozygous variant in <i>RRM2B</i> is associated with severe metabolic acidosis and early neonatal death. <i>European Journal of Medical Genetics</i> , 2019, 62, 103574.	0.7	5
84	Therapeutic considerations in a case of progressive encephalomyelitis with rigidity and myoclonus. <i>Journal of the Neurological Sciences</i> , 2020, 416, 116993.	0.3	5
85	Testing the limits of language production in long-term survivors of major stroke: A psycholinguistic and anatomic study. <i>Aphasiology</i> , 2010, 24, 1455-1485.	1.4	4
86	Clinical Reasoning: A 58-year-old woman with systemic scleroderma and progressive cervical cord compression. <i>Neurology</i> , 2018, 91, e1262-e1264.	1.5	3
87	Leptomeningeal dissemination of low-grade neuroepithelial CNS tumors in adults: a 15-year experience. <i>Neuro-Oncology Practice</i> , 2020, 7, 118-126.	1.0	3
88	Genomic profiling of sporadic multiple meningiomas. <i>BMC Medical Genomics</i> , 2022, 15, 112.	0.7	3
89	An Application of the Elastic Net for an Endophenotype Analysis. <i>Behavior Genetics</i> , 2011, 41, 120-124.	1.4	2
90	Prognosticating brain tumor patient survival after laser thermotherapy: Comparison between neuroradiological reading and semi-quantitative analysis of MRI data. <i>Magnetic Resonance Imaging</i> , 2020, 65, 45-54.	1.0	2

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91	The Clinical Implications of Spontaneous Hemorrhage in Vestibular Schwannomas. Journal of Neurological Surgery, Part B: Skull Base, 2021, 82, e22-e32.	0.4	2
92	Hemorrhage Into a Subependymal Giant Cell Astrocytoma in an Adult With Tuberous Sclerosis. Neurologist, 2021, 26, 122-124.	0.4	2
93	Vertebral artery loop in a case of recurrent transient global amnesia. Journal of the Neurological Sciences, 2019, 396, 213-215.	0.3	1
94	Genomic alterations in Turcot syndrome: Insights from whole exome sequencing. Journal of the Neurological Sciences, 2020, 417, 117056.	0.3	1
95	A Critically Ill Patient With Central Nervous System Tuberculosis and Negative Initial Workup. Frontiers in Neurology, 2020, 11, 430.	1.1	1
96	A Quantitative Assessment of Pre-Operative MRI Reports in Glioma Patients: Report Metrics and IDH Prediction Ability. Frontiers in Oncology, 2020, 10, 600327.	1.3	1
97	INNV-07. TTFIELDS TREATMENT OF GLIOSARCOMA AND RECURRENT ANAPLASTIC OLIGODENDROGLIOMA. Neuro-Oncology, 2021, 23, vi106-vi106.	0.6	1
98	NCOG-50. CLINICAL AND GENOMIC FACTORS ASSOCIATED WITH SEIZURES IN MENINGIOMAS. Neuro-Oncology, 2020, 22, ii140-ii140.	0.6	1
99	Suspected retroorbital inflammation resulting in bilateral occlusion of the internal carotid arteries. Journal of the Neurological Sciences, 2017, 380, 51-53.	0.3	0
100	NIMG-15. DEUTERIUM METABOLIC IMAGING (DMI) MEASURES THE WARBURG EFFECT IN BRAIN TUMORS. Neuro-Oncology, 2019, 21, vi164-vi164.	0.6	0
101	HOUT-03. CLINICAL OUTCOMES OF PATIENTS WITH VESTIBULAR SCHWANNOMAS: THE RELEVANCE OF TUMOR SIZE AND RECURRENCE. Neuro-Oncology, 2019, 21, vi112-vi112.	0.6	0
102	Transverse myelitis following measles vaccination in a rhesus macaque ( Macaca mulatta ). Journal of Medical Primatology, 2020, 49, 103-106.	0.3	0
103	The Clinical Implications of Spontaneous Hemorrhage in Vestibular Schwannomas. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, .	0.4	0
104	NIMG-64. TYPE OF BONY INVOLVEMENT PREDICTS GENOMIC SUBGROUP IN SPHENOID WING MENINGIOMAS. Neuro-Oncology, 2021, 23, vi144-vi144.	0.6	0
105	Clinical Implications of the Genomic Profiling of Sporadic Multiple Meningiomas. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, .	0.4	0
106	NF2 Mutant Sporadic Meningiomas Differ Based on Location Relative to the Tentorium. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, .	0.4	0