

# Byron Bernal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9918805/publications.pdf>

Version: 2024-02-01

34  
papers

1,673  
citations

430874

18  
h-index

377865

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2604  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Language Connectome. <i>Neuroscientist</i> , 2014, 20, 453-467.	3.5	259
2	The role of the arcuate fasciculus in conduction aphasia. <i>Brain</i> , 2009, 132, 2309-2316.	7.6	232
3	How Localized are Language Brain Areas? A Review of Brodmann Areas Involvement in Oral Language. <i>Archives of Clinical Neuropsychology</i> , 2016, 31, 112-122.	0.5	190
4	Cognitive testing toward the future: The example of Semantic Verbal Fluency (ANIMALS). <i>International Journal of Psychology</i> , 2006, 41, 324-332.	2.8	142
5	The connectivity of the superior longitudinal fasciculus: a tractography DTI study. <i>Magnetic Resonance Imaging</i> , 2010, 28, 217-225.	1.8	140
6	Language and Visual Perception Associations: Meta-Analytic Connectivity Modeling of Brodmann Area 37. <i>Behavioural Neurology</i> , 2015, 2015, 1-14.	2.1	74
7	Connectomic Profiling Identifies Responders to Vagus Nerve Stimulation. <i>Annals of Neurology</i> , 2019, 86, 743-753.	5.3	68
8	Participation of the insula in language revisited: A meta-analytic connectivity study. <i>Journal of Neurolinguistics</i> , 2014, 29, 31-41.	1.1	65
9	Presurgical thalamocortical connectivity is associated with response to vagus nerve stimulation in children with intractable epilepsy. <i>NeuroImage: Clinical</i> , 2017, 16, 634-642.	2.7	62
10	Fiber tracking of the frontal aslant tract and subcomponents of the arcuate fasciculus in 8-year-olds: Relation to speech and language function. <i>Brain and Language</i> , 2015, 149, 66-76.	1.6	53
11	Neural Networks of Motor and Cognitive Inhibition are Dissociated Between Brain Hemispheres: An fMRI Study. <i>International Journal of Neuroscience</i> , 2009, 119, 1848-1880.	1.6	38
12	Evidence-based medicine: neuroimaging of seizures. <i>Neuroimaging Clinics of North America</i> , 2003, 13, 211-224.	1.0	33
13	Broca's area network in language function: a pooling-data connectivity study. <i>Frontiers in Psychology</i> , 2015, 6, 687.	2.1	33
14	WHAT CAN BE LOCALIZED IN THE BRAIN? TOWARD A FACTOR-THEORY ON BRAIN ORGANIZATION OF COGNITION. <i>International Journal of Neuroscience</i> , 2007, 117, 935-969.	1.6	26
15	fMRI Under Sedation: What Is the Best Choice in Children?. <i>Journal of Clinical Medicine Research</i> , 2012, 4, 363-70.	1.2	25
16	Bilateral representation of language: A critical review and analysis of some unusual cases. <i>Journal of Neurolinguistics</i> , 2014, 28, 63-80.	1.1	23
17	Executive Functions Brain System: An Activation Likelihood Estimation Meta-analytic Study. <i>Archives of Clinical Neuropsychology</i> , 2018, 33, 379-405.	0.5	23
18	How Extended Is Wernicke's Area? Meta-Analytic Connectivity Study of BA20 and Integrative Proposal. <i>Neuroscience Journal</i> , 2016, 2016, 1-6.	2.5	22

#	ARTICLE	IF	CITATIONS
19	Fiber pathways supporting early literacy development in 5-8-year-old children. <i>Brain and Cognition</i> , 2019, 134, 80-89.	1.8	22
20	The Elusive Role of the Left Temporal Pole (BA38) in Language: A Preliminary Meta-Analytic Connectivity Study. <i>International Journal of Brain Science</i> , 2014, 2014, 1-7.	0.6	21
21	Lesion Network Localization of Seizure Freedom following MR-guided Laser Interstitial Thermal Ablation. <i>Scientific Reports</i> , 2019, 9, 18598.	3.3	21
22	Agenesis of the Arcuate Fasciculi in Congenital Bilateral Perisylvian Syndrome. <i>Archives of Neurology</i> , 2010, 67, 501-5.	4.5	17
23	Visual functional magnetic resonance imaging in patients with Sturge-Weber syndrome. <i>Pediatric Neurology</i> , 2004, 31, 9-15.	2.1	16
24	Presurgical hyperconnectivity of the ablation volume is associated with seizure-freedom after magnetic resonance-guided laser interstitial thermal therapy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 61, 89-93.	2.0	14
25	DISSECTING NONVERBAL AUDITORY CORTEX ASYMMETRY: AN fMRI STUDY. <i>International Journal of Neuroscience</i> , 2004, 114, 661-680.	1.6	12
26	ACALCULIA: AN fMRI STUDY WITH IMPLICATIONS WITH RESPECT TO BRAIN PLASTICITY. <i>International Journal of Neuroscience</i> , 2003, 113, 1505-1523.	1.6	9
27	Atypical language representation in children with intractable temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2016, 58, 91-96.	1.7	9
28	From Hearing Sounds to Recognizing Phonemes: Primary Auditory Cortex is A Truly Perceptual Language Area. <i>AIMS Neuroscience</i> , 2016, 3, 454-473.	2.3	8
29	The spinning dancer illusion and spontaneous brain fluctuations: An fMRI study. <i>Neurocase</i> , 2014, 20, 627-639.	0.6	5
30	Nontask-Related Brain Lateralization Biomarkers in Children: The Asymmetry of Language Areas on Functional Connectivity Functional Magnetic Resonance Imaging. <i>Brain Connectivity</i> , 2018, 8, 321-332.	1.7	3
31	The Network of Brodmanns Area 22 in Lexico-semantic Processing: A Pooling-data Connectivity Study. <i>AIMS Neuroscience</i> , 2016, 3, 306-316.	2.3	2
32	COMPREHENSIVE 3D FIBER TRACKING AS A NEW VISUALIZATION SYSTEM IN BRAIN STUDIES. <i>International Journal of Image and Graphics</i> , 2007, 07, 749-765.	1.5	1
33	Functional imaging localization of complex organic hallucinations. <i>Neurocase</i> , 2019, 25, 91-97.	0.6	1
34	Practical Aspects of Functional Magnetic Resonance Imaging in Children. <i>Journal of Pediatric Neurology</i> , 0, , .	0.2	0