Oscar Vilarroya

List of Publications by Year
in descending order

90 papers	3,896 citations	201674 27 h-index	138484 58 g-index
107 all docs	107 docs citations	107 times ranked	5992 citing authors

#	Article	IF	Citations
1	Reproducibility in the absence of selective reporting: AnÂillustration from largeâ€scale brain asymmetry research. Human Brain Mapping, 2022, 43, 244-254.	3.6	16
2	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The <scp>ENIGMA</scp> adventure. Human Brain Mapping, 2022, 43, 37-55.	3.6	61
3	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. Biological Psychiatry, 2022, 92, 299-313.	1.3	11
4	Local Functional Connectivity as a Parsimonious Explanation of the Main Frameworks for ADHD in Medication-NaÃ¯ve Adults. Journal of Attention Disorders, 2022, 26, 1788-1801.	2.6	1
5	Social norms (not threat) mediate willingness to sacrifice in individuals fused with the nation: Insights from the COVIDâ€19 pandemic. European Journal of Social Psychology, 2022, 52, 772-781.	2.4	4
6	Brain activity and connectivity differences in reward value discrimination during effort computation in schizophrenia. European Archives of Psychiatry and Clinical Neuroscience, 2021, 271, 647-659.	3.2	3
7	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	11.0	136
8	Do Pregnancy-Induced Brain Changes Reverse? The Brain of a Mother Six Years after Parturition. Brain Sciences, 2021, 11, 168.	2.3	36
9	Characterizing neuroanatomic heterogeneity in people with and without ADHD based on subcortical brain volumes. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1140-1149.	5.2	14
10	Analysis of structural brain asymmetries in attentionâ€deficit/hyperactivity disorder in 39 datasets. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1202-1219.	5.2	40
11	Nothing in Cognitive Neuroscience Makes Sense Except in the Light of Evolution. NeuroSci, 2021, 2, 177-192.	1.2	1
12	Characterizing the Brain Structural Adaptations Across the Motherhood Transition. Frontiers in Global Women S Health, 2021, 2, 742775.	2.3	18
13	Presence of Distractor Improves Time Estimation Performance in an Adult ADHD Sample. Journal of Attention Disorders, 2020, 24, 1530-1537.	2.6	13
14	Becoming a mother entails anatomical changes in the ventral striatum of the human brain that facilitate its responsiveness to offspring cues. Psychoneuroendocrinology, 2020, 112, 104507.	2.7	50
15	The Paternal Transition Entails Neuroanatomic Adaptations that are Associated with the Fatherâ€™s Brain Response to his Infant Cues. Cerebral Cortex Communications, 2020, 1, tgaa082.	1.6	9
16	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. American Journal of Psychiatry, 2020, 177, 834-843.	7.2	120
17	Soft-wired long-term memory in a natural recurrent neuronal network. Chaos, 2020, 30, 061101.	2.5	0
18	Stepwise functional connectivity reveals altered sensoryâ€multimodal integration in medicationâ€naÃ¯ve adults with attention deficit hyperactivity disorder. Human Brain Mapping, 2019, 40, 4645-4656.	3.6	14

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19	Pregnancy and adolescence entail similar neuroanatomical adaptations: A comparative analysis of cerebral morphometric changes. Human Brain Mapping, 2019, 40, 2143-2152.	3.6	60
20	Neuroimaging â€˜will to fightâ€™ for sacred values: an empirical case study with supporters of an Al Qaeda associate. Royal Society Open Science, 2019, 6, 181585.	2.4	29
21	Ventromedial and dorsolateral prefrontal interactions underlie will to fight and die for a cause. Social Cognitive and Affective Neuroscience, 2019, 14, 569-577.	3.0	18
22	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. American Journal of Psychiatry, 2019, 176, 531-542.	7.2	261
23	Local functional connectivity suggests functional immaturity in children with attentionâ€deficit/hyperactivity disorder. Human Brain Mapping, 2018, 39, 2442-2454.	3.6	35
24	Reduced willingness to invest effort in schizophrenia with high negative symptoms regardless of reward stimulus presentation and reward value. Comprehensive Psychiatry, 2018, 87, 153-160.	3.1	8
25	Neural and Behavioral Correlates of Sacred Values and Vulnerability to Violent Extremism. Frontiers in Psychology, 2018, 9, 2462.	2.1	56
26	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5154-E5163.	7.1	299
27	Justâ€inâ€time response to reward as a function of ADHD symptom severity. Psychiatry and Clinical Neurosciences, 2018, 72, 731-740.	1.8	2
28	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. Lancet Psychiatry,the, 2017, 4, 310-319.	7.4	565
29	Increased nucleus accumbens volume in first-episode psychosis. Psychiatry Research - Neuroimaging, 2017, 263, 57-60.	1.8	11
30	Pregnancy leads to long-lasting changes in human brain structure. Nature Neuroscience, 2017, 20, 287-296.	14.8	456
31	Effort-based reward task, a behavioral measure to study negative symptoms in schizophrenia. European Psychiatry, 2017, 41, S343-S344.	0.2	0
32	Time and psychostimulants: Opposing long-term structural effects in the adult ADHD brain. A longitudinal MR study. European Neuropsychopharmacology, 2017, 27, 1238-1247.	0.7	18
33	Neural Representation. A Survey-Based Analysis of the Notion. Frontiers in Psychology, 2017, 8, 1458.	2.1	12
34	Default Mode Network Aberrant Connectivity Associated with Neurological Soft Signs in Schizophrenia Patients and Unaffected Relatives. Frontiers in Psychiatry, 2017, 8, 298.	2.6	29
35	Why are embodied experiments relevant to cognitive linguistics?. Belgian Journal of Linguistics, 2016, 30, 265-286.	0.3	0
36	Prefrontal cortical thickness related to negative symptoms in antipsychotic-naive, first-episode psychotic patients. European Psychiatry, 2016, 33, S197-S197.	0.2	1

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37	Cortical and subcortical morphology deficits in cerebral gray matter in patients with schizophrenia and not affected siblings. European Psychiatry, 2016, 33, s249-s249.	0.2	0
38	Abnormal connectivity in dorsolateral prefrontal cortex in schizophrenia patients and unaffected relatives. European Psychiatry, 2016, 33, S98-S99.	0.2	0
39	Association between neurological soft signs, temperament and character in patients with schizophrenia and non-psychotic relatives. PeerJ, 2016, 4, e1651.	2.0	10
40	The Neuroanatomical Basis of Panic Disorder and Social Phobia in Schizophrenia: A Voxel Based Morphometric Study. PLoS ONE, 2015, 10, e0119847.	2.5	6
41	Emotion processing in joint hypermobility: A potential link to the neural bases of anxiety and related somatic symptoms in collagen anomalies. European Psychiatry, 2015, 30, 454-458.	0.2	19
42	Abnormal Conectivity in Medial Prefrontal Cortex in Schizophrenia Patients and Unaffected Relatives. European Psychiatry, 2015, 30, 282.	0.2	0
43	P.3.b.002 Cortex morphology and subcortical brain grey matter deficits in schizophrenia and unaffected relatives. European Neuropsychopharmacology, 2015, 25, S463-S464.	0.7	0
44	Sensorimotor event: an approach to the dynamic, embodied, and embedded nature of sensorimotor cognition. Frontiers in Human Neuroscience, 2014, 7, 912.	2.0	1
45	Normative seeds for deadly martyrdoms. Behavioral and Brain Sciences, 2014, 37, 378-379.	0.7	1
46	Stimulant drugs trigger transient volumetric changes in the human ventral striatum. Brain Structure and Function, 2014, 219, 23-34.	2.3	23
47	Striatal volume deficits in children with ADHD who present a poor response to methylphenidate. European Child and Adolescent Psychiatry, 2014, 23, 805-812.	4.7	15
48	Limbic activity in antipsychotic naÃ¯ve first-episode psychotic subjects during facial emotion discrimination. European Archives of Psychiatry and Clinical Neuroscience, 2014, 264, 271-283.	3.2	18
49	An independent components and functional connectivity analysis of resting state fMRI data points to neural network dysregulation in adult ADHD. Human Brain Mapping, 2014, 35, 1261-1272.	3.6	147
50	Introducing Experion as a Primal Cognitive Unit of Neural Processing. Studies in Applied Philosophy, Epistemology and Rational Ethics, 2013, , 289-305.	0.3	0
51	P.3.b.035 Temperament, character and neurological soft signs in patients with schizophrenia and unaffected siblings. European Neuropsychopharmacology, 2013, 23, S450.	0.7	0
52	P.3.f.015 Abnormal functioning of the default mode network in schizophrenia and unaffected relatives: a study of functional magnetic resonance. European Neuropsychopharmacology, 2013, 23, S500-S501.	0.7	0
53	A Supervised Graph-Cut Deformable Model for Brain MRI Segmentation. Lecture Notes in Computational Vision and Biomechanics, 2013, , 237-259.	0.5	0
54	Introduction to Sociability, Responsibility, and Criminality: From Lab to Law. Annals of the New York Academy of Sciences, 2013, 1299, v-x.	3.8	0

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55	The neuroimaging of sacred values. Annals of the New York Academy of Sciences, 2013, 1299, 25-35.	3.8	4
56	The challenges of neural mind-reading paradigms. Frontiers in Human Neuroscience, 2013, 7, 306.	2.0	1
57	Laminar Thickness Alterations in the Fronto-Parietal Cortical Mantle of Patients with Attention-Deficit/Hyperactivity Disorder. PLoS ONE, 2012, 7, e48286.	2.5	32
58	A straw man's neogenome. Behavioral and Brain Sciences, 2012, 35, 380-381.	0.7	0
59	Automatic brain caudate nuclei segmentation and classification in diagnostic of Attention-Deficit/Hyperactivity Disorder. Computerized Medical Imaging and Graphics, 2012, 36, 591-600.	5.8	23
60	Supervised brain segmentation and classification in diagnostic of Attention-Deficit/Hyperactivity Disorder. , 2012, , .		6
61	A satisficing and bricoleur approach to sensorimotor cognition. BioSystems, 2012, 110, 65-73.	2.0	4
62	Response inhibition and reward anticipation in medicationâ€naÃ¯ve adults with attentionâ€deficit/hyperactivity disorder: A withinâ€subject caseâ€control neuroimaging study. Human Brain Mapping, 2012, 33, 2350-2361.	3.6	78
63	Automatic Internal Segmentation of Caudate Nucleus for Diagnosis of Attention-Deficit/Hyperactivity Disorder. Lecture Notes in Computer Science, 2012, , 222-229.	1.3	4
64	Gray matter volume deficits and correlation with insight and negative symptoms in first-psychotic-episode subjects. Acta Psychiatrica Scandinavica, 2011, 123, 431-439.	4.5	81
65	Joint hypermobility syndrome is a risk factor trait for anxiety disorders: a 15-year follow-up cohort study. General Hospital Psychiatry, 2011, 33, 363-370.	2.4	92
66	A fully-automatic caudate nucleus segmentation of brain MRI: Application in volumetric analysis of pediatric attention-deficit/hyperactivity disorder. BioMedical Engineering OnLine, 2011, 10, 105.	2.7	25
67	Trainingâ€induced neuroanatomical plasticity in ADHD: A tensorâ€based morphometric study. Human Brain Mapping, 2011, 32, 1741-1749.	3.6	43
68	Belling the cat: Why reuse theory is not enough. Behavioral and Brain Sciences, 2010, 33, 293-294.	0.7	0
69	Quantitative MR analysis of caudate abnormalities in pediatric ADHD: Proposal for a diagnostic test. Psychiatry Research - Neuroimaging, 2010, 182, 238-243.	1.8	24
70	Enhanced neural activity in frontal and cerebellar circuits after cognitive training in children with attentionâ€deficit/hyperactivity disorder. Human Brain Mapping, 2010, 31, 1942-1950.	3.6	64
71	The functional neuroanatomy of blood-injection-injury phobia: a comparison with spider phobics and healthy controls. Psychological Medicine, 2010, 40, 125-134.	4.5	59
72	Cerebellar neurometabolite abnormalities in pediatric attention/deficit hyperactivity disorder: A proton MR spectroscopic study. Neuroscience Letters, 2010, 470, 60-64.	2.1	29

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73	Towards Human-Like Production and Binaural Localization of Speech Sounds in Humanoid Robots. , 2009, , .		3
74	Neurobiological Substrates of Social Cognition Impairment in Attentionâ€Deficit Hyperactivity Disorder. Annals of the New York Academy of Sciences, 2009, 1167, 212-220.	3.8	20
75	Foreword. Annals of the New York Academy of Sciences, 2009, 1167, 1-4.	3.8	2
76	Neural correlates of impaired emotional discrimination in borderline personality disorder: An fMRI study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 1537-1545.	4.8	61
77	Ventro-Striatal Reductions Underpin Symptoms of Hyperactivity and Impulsivity in Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, 2009, 66, 972-977.	1.3	83
78	Diagnostic Stability and Clinical Characteristics in First-episode Psychosis. European Psychiatry, 2009, 24, .	0.2	0
79	Differential abnormalities of the head and body of the caudate nucleus in attention deficit-hyperactivity disorder. Psychiatry Research - Neuroimaging, 2008, 163, 270-278.	1.8	34
80	Biological Roots of the Social Brain. Biological Theory, 2008, 3, 93-98.	1.5	0
81	Pediatric OCD structural brain deficits in conflict monitoring circuits: A voxel-based morphometry study. Neuroscience Letters, 2007, 421, 218-223.	2.1	80
82	a categorial mutation. Behavioral and Brain Sciences, 2005, 28, 508-509.	0.7	0
83	In search of radical similarity. Behavioral and Brain Sciences, 2005, 28, 35-35.	0.7	1
84	Global and regional gray matter reductions in ADHD: A voxel-based morphometric study. Neuroscience Letters, 2005, 389, 88-93.	2.1	241
85	``Two'' Many Optimalities. Biology and Philosophy, 2002, 17, 251-270.	1.4	5
86	From Functional â€œMessâ€•to Bounded Functionality. , 2001, 11, 239-256.		5
87	Squibs. Cognitive Linguistics, 1998, 9, 175-188.	0.9	5
88	Perceptual and cognitive perspective taking in two siblings with callosal agenesis. British Journal of Developmental Psychology, 1990, 8, 3-8.	1.7	9
89	Reading in callosal agenesis*1. Brain and Language, 1990, 39, 235-253.	1.6	58
90	Ten pen men: Rhyming skills in two children with callosal agenesis. Brain and Language, 1989, 37, 548-564.	1.6	48