

Marina Papoutsi

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

10,599
citations

94433

37
h-index

69250

77
g-index

92
all docs

92
docs citations

92
times ranked

9120
citing authors

#	ARTICLE	IF	CITATIONS
1	Huntington's disease: from molecular pathogenesis to clinical treatment. <i>Lancet Neurology</i> , The, 2011, 10, 83-98.	10.2	1,393
2	Huntington disease. <i>Nature Reviews Disease Primers</i> , 2015, 1, 15005.	30.5	1,081
3	Huntington disease: natural history, biomarkers and prospects for therapeutics. <i>Nature Reviews Neurology</i> , 2014, 10, 204-216.	10.1	873
4	Biological and clinical manifestations of Huntington's disease in the longitudinal TRACK-HD study: cross-sectional analysis of baseline data. <i>Lancet Neurology</i> , The, 2009, 8, 791-801.	10.2	856
5	Predictors of phenotypic progression and disease onset in premanifest and early-stage Huntington's disease in the TRACK-HD study: analysis of 36-month observational data. <i>Lancet Neurology</i> , The, 2013, 12, 637-649.	10.2	704
6	Biological and clinical changes in premanifest and early stage Huntington's disease in the TRACK-HD study: the 12-month longitudinal analysis. <i>Lancet Neurology</i> , The, 2011, 10, 31-42.	10.2	530
7	Targeting Huntingtin Expression in Patients with Huntington's Disease. <i>New England Journal of Medicine</i> , 2019, 380, 2307-2316.	27.0	493
8	Potential endpoints for clinical trials in premanifest and early Huntington's disease in the TRACK-HD study: analysis of 24 month observational data. <i>Lancet Neurology</i> , The, 2012, 11, 42-53.	10.2	479
9	Identification of genetic variants associated with Huntington's disease progression: a genome-wide association study. <i>Lancet Neurology</i> , The, 2017, 16, 701-711.	10.2	248
10	Therapies targeting DNA and RNA in Huntington's disease. <i>Lancet Neurology</i> , The, 2017, 16, 837-847.	10.2	233
11	Quantification of mutant huntingtin protein in cerebrospinal fluid from Huntington's disease patients. <i>Journal of Clinical Investigation</i> , 2015, 125, 1979-1986.	8.2	209
12	Left inferior frontal cortex and syntax: function, structure and behaviour in patients with left hemisphere damage. <i>Brain</i> , 2011, 134, 415-431.	7.6	207
13	Huntingtin Lowering Strategies for Disease Modification in Huntington's Disease. <i>Neuron</i> , 2019, 101, 801-819.	8.1	202
14	White matter connections reflect changes in voluntary-guided saccades in pre-symptomatic Huntington's disease. <i>Brain</i> , 2008, 131, 196-204.	7.6	153
15	From Phonemes to Articulatory Codes: An fMRI Study of the Role of Broca's Area in Speech Production. <i>Cerebral Cortex</i> , 2009, 19, 2156-2165.	2.9	153
16	Early changes in white matter pathways of the sensorimotor cortex in premanifest Huntington's disease. <i>Human Brain Mapping</i> , 2012, 33, 203-212.	3.6	127
17	Compensation in Preclinical Huntington's Disease: Evidence From the Track-On HD Study. <i>EBioMedicine</i> , 2015, 2, 1420-1429.	6.1	122
18	Biological and clinical characteristics of gene carriers far from predicted onset in the Huntington's disease Young Adult Study (HD-YAS): a cross-sectional analysis. <i>Lancet Neurology</i> , The, 2020, 19, 502-512.	10.2	122

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19	Early atrophy of pallidum and accumbens nucleus in Huntington's disease. <i>Journal of Neurology</i> , 2011, 258, 412-420.	3.6	121
20	The cognitive burden in Huntington's disease: Pathology, phenotype, and mechanisms of compensation. <i>Movement Disorders</i> , 2014, 29, 673-683.	3.9	116
21	Targets for future clinical trials in Huntington's disease: What's in the pipeline?. <i>Movement Disorders</i> , 2014, 29, 1434-1445.	3.9	116
22	Functional compensation of motor function in pre-symptomatic Huntington's disease. <i>Brain</i> , 2009, 132, 1624-1632.	7.6	106
23	The progression of regional atrophy in premanifest and early Huntington's disease: a longitudinal voxel-based morphometry study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, 756-763.	1.9	105
24	Emotion recognition in Huntington's disease: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 237-253.	6.1	101
25	Selective vulnerability of Rich Club brain regions is an organizational principle of structural connectivity loss in Huntington's disease. <i>Brain</i> , 2015, 138, 3327-3344.	7.6	96
26	Altered brain mechanisms of emotion processing in pre-manifest Huntington's disease. <i>Brain</i> , 2012, 135, 1165-1179.	7.6	85
27	Brain Regions Showing White Matter Loss in Huntington's Disease Are Enriched for Synaptic and Metabolic Genes. <i>Biological Psychiatry</i> , 2018, 83, 456-465.	1.3	79
28	A biological classification of Huntington's disease: the Integrated Staging System. <i>Lancet Neurology</i> , 2022, 21, 632-644.	10.2	78
29	Is left fronto-temporal connectivity essential for syntax? Effective connectivity, tractography and performance in left-hemisphere damaged patients. <i>NeuroImage</i> , 2011, 58, 656-664.	4.2	72
30	Irritability in pre-clinical Huntington's disease. <i>Neuropsychologia</i> , 2010, 48, 549-557.	1.6	68
31	Neurofilament light protein in blood predicts regional atrophy in Huntington disease. <i>Neurology</i> , 2018, 90, e717-e723.	1.1	65
32	Operationalizing compensation over time in neurodegenerative disease. <i>Brain</i> , 2017, 140, 1158-1165.	7.6	62
33	White matter integrity in premanifest and early Huntington's disease is related to caudate loss and disease progression. <i>Cortex</i> , 2014, 52, 98-112.	2.4	57
34	The human motor cortex microcircuit: insights for neurodegenerative disease. <i>Nature Reviews Neuroscience</i> , 2020, 21, 401-415.	10.2	56
35	In vivo characterization of white matter pathology in premanifest huntington's disease. <i>Annals of Neurology</i> , 2018, 84, 497-504.	5.3	53
36	An image-based model of brain volume biomarker changes in Huntington's disease. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 570-582.	3.7	50

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37	RNA-Seq of Huntington's disease patient myeloid cells reveals innate transcriptional dysregulation associated with proinflammatory pathway activation. <i>Human Molecular Genetics</i> , 2016, 25, ddw142.	2.9	47
38	Visuospatial Processing Deficits Linked to Posterior Brain Regions in Premanifest and Early Stage Huntington's Disease. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 595-608.	1.8	44
39	Association of CAG Repeats With Long-term Progression in Huntington Disease. <i>JAMA Neurology</i> , 2019, 76, 1375.	9.0	44
40	Disruption of immune cell function by mutant huntingtin in Huntington's disease pathogenesis. <i>Current Opinion in Pharmacology</i> , 2016, 26, 33-38.	3.5	39
41	White matter predicts functional connectivity in premanifest Huntington's disease. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 106-118.	3.7	38
42	Endogenous fluctuations in the dopaminergic midbrain drive behavioral choice variability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18732-18737.	7.1	37
43	Measuring compensation in neurodegeneration using MRI. <i>Current Opinion in Neurology</i> , 2017, 30, 380-387.	3.6	37
44	Topological length of white matter connections predicts their rate of atrophy in premanifest Huntington's disease. <i>JCI Insight</i> , 2017, 2, .	5.0	37
45	Evaluation of multi-modal, multi-site neuroimaging measures in Huntington's disease: Baseline results from the PADDINGTON study. <i>NeuroImage: Clinical</i> , 2013, 2, 204-211.	2.7	34
46	Neuropsychiatry and White Matter Microstructure in Huntington's Disease. <i>Journal of Huntington's Disease</i> , 2015, 4, 239-249.	1.9	33
47	Stimulating neural plasticity with real-time fMRI neurofeedback in Huntington's disease: A proof of concept study. <i>Human Brain Mapping</i> , 2018, 39, 1339-1353.	3.6	33
48	Testing a longitudinal compensation model in premanifest Huntington's disease. <i>Brain</i> , 2018, 141, 2156-2166.	7.6	33
49	Dynamics of Cortical Degeneration Over a Decade in Huntington's Disease. <i>Biological Psychiatry</i> , 2021, 89, 807-816.	1.3	32
50	Interregional compensatory mechanisms of motor functioning in progressing preclinical neurodegeneration. <i>NeuroImage</i> , 2013, 75, 146-154.	4.2	30
51	Basal ganglia-cortical structural connectivity in Huntington's disease. <i>Human Brain Mapping</i> , 2015, 36, 1728-1740.	3.6	29
52	Structural and functional brain network correlates of depressive symptoms in premanifest Huntington's disease. <i>Human Brain Mapping</i> , 2017, 38, 2819-2829.	3.6	28
53	Motor cortex synchronization influences the rhythm of motor performance in premanifest Huntington's disease. <i>Movement Disorders</i> , 2018, 33, 440-448.	3.9	28
54	Can we predict real-time fMRI neurofeedback learning success from pretraining brain activity?. <i>Human Brain Mapping</i> , 2020, 41, 3839-3854.	3.6	27

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55	Fronto-striatal circuits for cognitive flexibility in far from onset Huntington's disease: evidence from the Young Adult Study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 143-149.	1.9	26
56	Cross-sectional and longitudinal voxel-based grey matter asymmetries in Huntington's disease. <i>NeuroImage: Clinical</i> , 2018, 17, 312-324.	2.7	23
57	Diffusion imaging in Huntington's disease: comprehensive review. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 62-69.	1.9	22
58	Predictors of real-time fMRI neurofeedback performance and improvement – A machine learning mega-analysis. <i>NeuroImage</i> , 2021, 237, 118207.	4.2	22
59	Characterizing White Matter in Huntington's Disease. <i>Movement Disorders Clinical Practice</i> , 2020, 7, 52-60.	1.5	20
60	Altered iron and myelin in premanifest Huntington's Disease more than 20 years before clinical onset: Evidence from the cross-sectional HD Young Adult Study. <i>EBioMedicine</i> , 2021, 65, 103266.	6.1	20
61	Revealing the Timeline of Structural MRI Changes in Premanifest to Manifest Huntington Disease. <i>Neurology: Genetics</i> , 2021, 7, e617.	1.9	20
62	Natural biological variation of white matter microstructure is accentuated in Huntington's disease. <i>Human Brain Mapping</i> , 2018, 39, 3516-3527.	3.6	19
63	Structural imaging in premanifest and manifest Huntington disease. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2017, 144, 247-261.	1.8	18
64	Altered Intracortical T1-Weighted/T2-Weighted Ratio Signal in Huntington's Disease. <i>Frontiers in Neuroscience</i> , 2018, 12, 805.	2.8	17
65	Relating quantitative $7T$ MRI across cortical depths to cytoarchitectonics, gene expression and connectomics. <i>Human Brain Mapping</i> , 2021, 42, 4996-5009.	3.6	17
66	Test-Retest Reliability of Measures Commonly Used to Measure Striatal Dysfunction across Multiple Testing Sessions: A Longitudinal Study. <i>Frontiers in Psychology</i> , 2017, 8, 2363.	2.1	16
67	A17...HD brain-train: neuroplasticity as a target to improve function in Huntington's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, A5.3-A5.	1.9	12
68	Working Memory-Related Effective Connectivity in Huntington's Disease Patients. <i>Frontiers in Neurology</i> , 2018, 9, 370.	2.4	12
69	Imbalanced basal ganglia connectivity is associated with motor deficits and apathy in Huntington's disease. <i>Brain</i> , 2022, 145, 991-1000.	7.6	11
70	Activity or connectivity? A randomized controlled feasibility study evaluating neurofeedback training in Huntington's disease. <i>Brain Communications</i> , 2020, 2, fcaa049.	3.3	10
71	Tracking Huntington's Disease Progression Using Motor, Functional, Cognitive, and Imaging Markers. <i>Movement Disorders</i> , 2021, 36, 2282-2292.	3.9	10
72	Timing of selective basal ganglia white matter loss in premanifest Huntington's disease. <i>NeuroImage: Clinical</i> , 2022, 33, 102927.	2.7	10

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73	Detection of Motor Changes in Huntington's Disease Using Dynamic Causal Modeling. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 634.	2.0	8
74	Longitudinal Structural <scp>MRI</scp> in Neurologically Healthy Adults. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1385-1399.	3.4	5
75	Neurofilament light-associated connectivity in young-adult Huntingtonâ€™s disease is related to neuronal genes. <i>Brain</i> , 2022, 145, 3953-3967.	7.6	3
76	Learning Subject-Specific Directed Acyclic Graphs With Mixed Effects Structural Equation Models From Observational Data. <i>Frontiers in Genetics</i> , 2018, 9, 430.	2.3	2
77	Aberrant Striatal Value Representation in Huntington's Disease Gene Carriers 25 Years Before Onset. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 910-918.	1.5	1
78	J12â€™...HD brain-train: enhancing neural plasticity using real-time fMRI neurofeedback training. , 2018, , .		1
79	D20â€™...Operationalising compensation over time in neurodegenerative disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, A41.2-A41.	1.9	0
80	D22â€™...Compensation in preclinical huntingtonâ€™s disease: evidence from the track-on HD study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, A42.2-A42.	1.9	0
81	1609â€™...Length of white matter connexions determine their rate of atrophy in premanifest huntingtonâ€™s disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, A9.2-A9.	1.9	0
82	Multimodal characterization of the visual network in Huntingtonâ€™s disease gene carriers. <i>Clinical Neurophysiology</i> , 2019, 130, 2053-2059.	1.5	0
83	9â€™...Aberrant striatal value representation in Huntingtonâ€™s disease gene carriers 25 years before onset. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, e4.1-e4.	1.9	0