Owen T Carmichael

List of Publications by Citations

139 papers	6,108 citations	43 h-index	76 g-index
143 ext. papers	7,325 ext. citations	6.2 avg, IF	5.35 L-index

#	Paper	IF	Citations
139	Learning Low-Level Vision. *International Journal of Computer Vision*, **2000**, 40, 25-47	10.6	877
138	Mild cognitive impairment and alzheimer disease: patterns of altered cerebral blood flow at MR imaging. *Radiology*, **2009**, 250, 856-66	20.5	272
137	Effects of systolic blood pressure on white-matter integrity in young adults in the Framingham Heart Study: a cross-sectional study. *Lancet Neurology, The*, **2012**, 11, 1039-47	24.1	202
136	A commonly carried allele of the obesity-related FTO gene is associated with reduced brain volume in the healthy elderly. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 8404-9	11.5	202
135	Novel genetic loci associated with hippocampal volume. *Nature Communications*, **2017**, 8, 13624	17.4	173
134	Longitudinal changes in white matter disease and cognition in the first year of the Alzheimer disease neuroimaging initiative. *Archives of Neurology*, **2010**, 67, 1370-8		172
133	Atlas-based hippocampus segmentation in Alzheimer's disease and mild cognitive impairment. *NeuroImage*, **2005**, 27, 979-90	7.9	156
132	Novel genetic loci underlying human intracranial volume identified through genome-wide association. *Nature Neuroscience*, **2016**, 19, 1569-1582	25.5	147
131	Subcortical brain atrophy persists even in HAART-regulated HIV disease. *Brain Imaging and Behavior* , **2011**, 5, 77-85	4.1	134
130	White matter hyperintensity penumbra. *Stroke*, **2011**, 42, 1917-22	6.7	132
129	Standardization of analysis sets for reporting results from ADNI MRI data. *Alzheimer's and Dementia* , **2013**, 9, 332-7	1.2	129
128	Abnormal regional cerebral blood flow in cognitively normal elderly subjects with hypertension. *Stroke*, **2008**, 39, 349-54	6.7	114
127	Coevolution of white matter hyperintensities and cognition in the elderly. *Neurology*, **2012**, 79, 442-8	6.5	113
126	Heterogeneity of cognitive trajectories in diverse older persons. *Psychology and Aging*, **2010**, 25, 606-19	3.6	108
125	FLAIR and diffusion MRI signals are independent predictors of white matter hyperintensities. *American Journal of Neuroradiology*, **2013**, 34, 54-61	4.4	104
124	Magnetic resonance imaging in Alzheimer's Disease Neuroimaging Initiative 2. *Alzheimer's and Dementia*, **2015**, 11, 740-56	1.2	101
123	White matter hyperintensities and their penumbra lie along a continuum of injury in the aging brain. *Stroke*, **2014**, 45, 1721-6	6.7	100

122	Cognitive reserve and Alzheimer's disease biomarkers are independent determinants of cognition. *Brain*, **2011**, 134, 1479-92	11.2	96
121	White matter lesions and brain gray matter volume in cognitively normal elders. *Neurobiology of Aging*, **2012**, 33, 834.e7-16	5.6	88
120	Episodic memory function is associated with multiple measures of white matter integrity in cognitive aging. *Frontiers in Human Neuroscience*, **2012**, 6, 56	3.3	85
119	Cerebral ventricular changes associated with transitions between normal cognitive function, mild cognitive impairment, and dementia. *Alzheimer Disease and Associated Disorders*, **2007**, 21, 14-24	2.5	81
118	Genetic architecture of subcortical brain structures in 38,851 individuals. *Nature Genetics*, **2019**, 51, 1624-1636	30.9	81
117	Loss of fornix white matter volume as a predictor of cognitive impairment in cognitively normal elderly individuals. *JAMA Neurology*, **2013**, 70, 1389-95	17.2	79
116	Ventricular volume and dementia progression in the Cardiovascular Health Study. *Neurobiology of Aging*, **2007**, 28, 389-97	5.6	76
115	MRI predictors of cognitive change in a diverse and carefully characterized elderly population. *Neurobiology of Aging*, **2012**, 33, 83-95	5.6	73
114	Sub-Regional Hippocampal Injury is Associated with Fornix Degeneration in Alzheimer's Disease. *Frontiers in Aging Neuroscience*, **2012**, 4, 1	5.3	72
113	Fully-automated white matter hyperintensity detection with anatomical prior knowledge and without FLAIR. *Lecture Notes in Computer Science*, **2009**, 21, 239-51	0.9	70
112	Incidence of mild cognitive impairment in the Pittsburgh Cardiovascular Health Study-Cognition Study. *Neurology*, **2012**, 79, 1599-606	6.5	69
111	Vascular and degenerative processes differentially affect regional interhemispheric connections in normal aging, mild cognitive impairment, and Alzheimer disease. *Stroke*, **2010**, 41, 1791-7	6.7	66
110	Automated ventricular mapping with multi-atlas fluid image alignment reveals genetic effects in Alzheimer's disease. *NeuroImage*, **2008**, 40, 615-630	7.9	64
109	Predicting aggressive decline in mild cognitive impairment: the importance of white matter hyperintensities. *JAMA Neurology*, **2014**, 71, 872-7	17.2	63
108	The effect of white matter hyperintensities on neurodegeneration in mild cognitive impairment. *Alzheimer's and Dementia*, **2015**, 11, 1510-1519	1.2	62
107	Everyday cognition in older adults: associations with neuropsychological performance and structural brain imaging. *Journal of the International Neuropsychological Society*, **2013**, 19, 430-41	3.1	59
106	Quantitative comparison of AIR, SPM, and the fully deformable model for atlas-based segmentation of functional and structural MR images. *Human Brain Mapping*, **2006**, 27, 747-54	5.9	59
105	White matter hyperintensities and amyloid are independently associated with entorhinal cortex volume among individuals with mild cognitive impairment. *Alzheimer's and Dementia*, **2013**, 9, S124-31	1.2	53

104	Algal toxin impairs sea lion memory and hippocampal connectivity, with implications for strandings. *Science*, **2015**, 350, 1545-7	33.3	52
103	Subtypes based on cerebrospinal fluid and magnetic resonance imaging markers in normal elderly predict cognitive decline. *Neurobiology of Aging*, **2010**, 31, 1419-28	5.6	52
102	Vascular and Alzheimer's disease markers independently predict brain atrophy rate in Alzheimer's Disease Neuroimaging Initiative controls. *Neurobiology of Aging*, **2013**, 34, 1996-2002	5.6	51
101	Influence of functional connectivity and structural MRI measures on episodic memory. *Neurobiology of Aging*, **2012**, 33, 2612-20	5.6	47
100	Dissociable effects of Alzheimer disease and white matter hyperintensities on brain metabolism. *JAMA Neurology*, **2013**, 70, 1039-45	17.2	46
99	White matter hyperintensities are associated with disproportionate progressive hippocampal atrophy. *Hippocampus*, **2017**, 27, 249-262	3.5	45
98	Physical activity, body mass index, and brain atrophy in Alzheimer's disease. *Neurobiology of Aging*, **2015**, 36 Suppl 1, S194-S202	5.6	45
97	Validation of a Regression Technique for Segmentation of White Matter Hyperintensities in Alzheimer's Disease. *IEEE Transactions on Medical Imaging*, **2017**, 36, 1758-1768	11.7	43
96	Associations among vascular risk factors, carotid atherosclerosis, and cortical volume and thickness in older adults. *Stroke*, **2012**, 43, 2865-70	6.7	43
95	Performance comparison of 10 different classification techniques in segmenting white matter hyperintensities in aging. *NeuroImage*, **2017**, 157, 233-249	7.9	40
94	Resting state functional connectivity is associated with cognitive dysfunction in non-demented people with Parkinson's disease. *Journal of Parkinson's Disease*, **2014**, 4, 453-65	5.3	39
93	Cerebral Amyloid and Hypertension are Independently Associated with White Matter Lesions in Elderly. *Frontiers in Aging Neuroscience*, **2015**, 7, 221	5.3	39
92	Adaptive image segmentation for robust measurement of longitudinal brain tissue change. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2012**, 2012, 5319-22	0.9	39
91	Localized hippocampus measures are associated with Alzheimer pathology and cognition independent of total hippocampal volume. *Neurobiology of Aging*, **2012**, 33, 1124.e31-41	5.6	37
90	White matter hyperintensities correlate to cognition and fiber tract integrity in older adults with HIV. *Journal of NeuroVirology*, **2017**, 23, 422-429	3.9	36
89	Maximal brain size remains an important predictor of cognition in old age, independent of current brain pathology. *Neurobiology of Aging*, **2012**, 33, 1758-68	5.6	36
88	The role of fMRI in drug development. *Drug Discovery Today*, **2018**, 23, 333-348	8.8	35
87	Validation of T1w-based segmentations of white matter hyperintensity volumes in large-scale datasets of aging. *Human Brain Mapping*, **2018**, 39, 1093-1107	5.9	32

86	Associations between height and blood pressure in the United States population. *Medicine (United States)*, **2017**, 96, e9233	1.8	30
85	Shape-based recognition of wiry objects. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2004**, 26, 1537-52	13.3	29
84	Early Brain Loss in Circuits Affected by Alzheimer's Disease is Predicted by Fornix Microstructure but may be Independent of Gray Matter. *Frontiers in Aging Neuroscience*, **2014**, 6, 106	5.3	27
83	Subgroup of ADNI normal controls characterized by atrophy and cognitive decline associated with vascular damage. *Psychology and Aging*, **2013**, 28, 191-201	3.6	27
82	Cerebral amyloid is associated with greater white-matter hyperintensity accrual in cognitively normal older adults. *Neurobiology of Aging*, **2016**, 48, 48-52	5.6	26
81	Coevolution of brain structures in amnestic mild cognitive impairment. *NeuroImage*, **2013**, 66, 449-56	7.9	24
80	The role of diffusion tensor imaging in the study of cognitive aging. *Current Topics in Behavioral Neurosciences*, **2012**, 11, 289-320	3.4	23
79	Acceleration of cerebral ventricular expansion in the Cardiovascular Health Study. *Neurobiology of Aging*, **2007**, 28, 1316-21	5.6	23
78	Patterns of progressive atrophy vary with age in Alzheimer's disease patients. *Neurobiology of Aging*, **2018**, 63, 22-32	5.6	23
77	Effects of testosterone supplementation on body composition and lower-body muscle function during severe exercise- and diet-induced energy deficit: A proof-of-concept, single centre, randomised, double-blind, controlled trial. *EBioMedicine*, **2019**, 46, 411-422	8.8	21
76	Cooccurrence of vascular risk factors and late-life white-matter integrity changes. *Neurobiology of Aging*, **2015**, 36, 1670-1677	5.6	20
75	Long Term Effect of Intensive Lifestyle Intervention on Cerebral Blood Flow. *Journal of the American Geriatrics Society*, **2018**, 66, 120-126	5.6	20
74	White matter hyperintensities among older adults are associated with futile increase in frontal activation and functional connectivity during spatial search. *PLoS ONE*, **2015**, 10, e0122445	3.7	20
73	Long-term Impact of Weight Loss Intervention on Changes in Cognitive Function: Exploratory Analyses from the Action for Health in Diabetes Randomized Controlled Clinical Trial. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2018**, 73, 484-491	6.4	18
72	Globally optimal cortical surface matching with exact landmark correspondence. *Lecture Notes in Computer Science*, **2013**, 23, 487-98	0.9	18
71	Emerging Technologies and their Applications in Lipid Compartment Measurement. *Trends in Endocrinology and Metabolism*, **2015**, 26, 688-698	8.8	16
70	Longitudinal Relationships between Caloric Expenditure and Gray Matter in the Cardiovascular Health Study. *Journal of Alzheimer's Disease*, **2016**, 52, 719-29	4.3	16
69	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. *Nature Communications*, **2020**, 11, 4796	17.4	16

68	Higher CSF sTREM2 attenuates ApoE4-related risk for cognitive decline and neurodegeneration. *Molecular Neurodegeneration*, **2020**, 15, 57	19	16
67	The contributions of MRI-based measures of gray matter, white matter hyperintensity, and white matter integrity to late-life cognition. *American Journal of Neuroradiology*, **2012**, 33, 1797-803	4.4	15
66	A Combination of Essential Fatty Acids, Panax Ginseng Extract, and Green Tea Catechins Modifies Brain fMRI Signals in Healthy Older Adults. *Journal of Nutrition, Health and Aging*, **2018**, 22, 837-846	5.2	14
65	Perceptual Characterization of the Macronutrient Picture System (MaPS) for Food Image fMRI. *Frontiers in Psychology*, **2018**, 9, 17	3.4	14
64	Combining boundary-based methods with tensor-based morphometry in the measurement of longitudinal brain change. *IEEE Transactions on Medical Imaging*, **2013**, 32, 223-36	11.7	14
63	Spatially localized hippocampal shape analysis in late-life cognitive decline. *Hippocampus*, **2009**, 19, 526-32	3.5	14
62	Vascular Burden Score Impacts Cognition Independent of Amyloid PET and MRI Measures of Alzheimer's Disease and Vascular Brain Injury. *Journal of Alzheimer's Disease*, **2019**, 68, 187-196	4.3	14
61	Relationship between Systemic and Cerebral Vascular Disease and Brain Structure Integrity in Normal Elderly Individuals. *Journal of Alzheimer's Disease*, **2015**, 44, 319-28	4.3	13
60	Disrupted fornix integrity in children with chromosome 22q11.2 deletion syndrome. *Psychiatry Research - Neuroimaging*, **2015**, 232, 106-14	2.9	12
59	Preventing vascular effects on brain injury and cognition late in life: knowns and unknowns. *Neuropsychology Review*, **2014**, 24, 371-87	7.7	12
58	Brain structure and cerebrovascular risk in cognitively impaired patients: Shanghai Community Brain Health Initiative-pilot phase. *Archives of Neurology*, **2010**, 67, 1231-7		12
57	Pattern of regional white matter hyperintensity volume in mild cognitive impairment subtypes and associations with decline in daily functioning. *Neurobiology of Aging*, **2020**, 86, 134-142	5.6	12
56	Sex-related differences in the prevalence of cognitive impairment among overweight and obese adults with type 2 diabetes. *Alzheimer's and Dementia*, **2018**, 14, 1184-1192	1.2	12
55	Localized measures of callosal atrophy are associated with late-life hypertension: AGES-Reykjavik Study. *NeuroImage*, **2008**, 43, 489-96	7.9	11
54	Independent value added by diffusion MRI for prediction of cognitive function in older adults. *NeuroImage: Clinical*, **2017**, 14, 166-173	5.3	10
53	Physiological and psychological effects of testosterone during severe energy deficit and recovery: A study protocol for a randomized, placebo-controlled trial for Optimizing Performance for Soldiers (OPS). *Contemporary Clinical Trials*, **2017**, 58, 47-57	2.3	10
52	Apolipoprotein ε4 is associated with lower brain volume in cognitively normal Chinese but not white older adults. *PLoS ONE*, **2015**, 10, e0118338	3.7	10
51	Localized components analysis. *Lecture Notes in Computer Science*, **2007**, 20, 519-31	0.9	10

50	Baseline connectome modular abnormalities in the childhood phase of a longitudinal study on individuals with chromosome 22q11.2 deletion syndrome. *Human Brain Mapping*, **2018**, 39, 232-248	5.9	9
49	White matter hyperintensities are associated with visual search behavior independent of generalized slowing in aging. *Neuropsychologia*, **2014**, 52, 93-101	3.2	9
48	Diffusion tensor smoothing through weighted Karcher means. *Electronic Journal of Statistics*, **2013**, 7, 1913-1956	1.2	9
47	Exploration of shape variation using localized components analysis. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2009**, 31, 1510-6	13.3	9
46	The hippocampi of children with chromosome 22q11.2 deletion syndrome have localized anterior alterations that predict severity of anxiety. *Journal of Psychiatry and Neuroscience*, **2016**, 41, 203-13	4.5	9
45	Automated White Matter Hyperintensity Segmentation Using Bayesian Model Selection: Assessment and Correlations with Cognitive Change. *Neuroinformatics*, **2020**, 18, 429-449	3.2	8
44	Pedometer-assessed steps per day as a predictor of cognitive performance in older adults. *Neuropsychology*, **2018**, 32, 941-949	3.8	8
43	Sex-Related Differences in Brain Volumes and Cerebral Blood Flow Among Overweight and Obese Adults With Type 2 Diabetes: Exploratory Analyses From the Action for Health in Diabetes Brain Magnetic Resonance Imaging Study. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2020**, 75, 771-778	6.4	8
42	Estrogen, brain structure, and cognition in postmenopausal women. *Human Brain Mapping*, **2021**, 42, 24-35	5.9	8
41	High-Normal Adolescent Fasting Plasma Glucose Is Associated With Poorer Midlife Brain Health: Bogalusa Heart Study. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 4492-4500	5.6	7
40	Do menopausal status and APOE4 genotype alter the long-term effects of intensive lifestyle intervention on cognitive function in women with type 2 diabetes mellitus?. *Neurobiology of Aging*, **2020**, 92, 61-72	5.6	7
39	Impact of a Multidomain Intensive Lifestyle Intervention on Complaints About Memory, Problem-Solving, and Decision-Making Abilities: The Action for Health in Diabetes Randomized Controlled Clinical Trial. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2018**, 73, 1560-1567	6.4	7
38	Spectral Clustering for Medical Imaging **2014**,		7
37	Genetic Determinants of Cortical Structure (Thickness, Surface Area and Volumes) among Disease Free Adults in the CHARGE Consortium		7
36	Magnetic resonance elastography of the brain: A study of feasibility and reproducibility using an ergonomic pillow-like passive driver. *Magnetic Resonance Imaging*, **2019**, 59, 68-76	3.3	6
35	AUTOMATED 3D MAPPING & SHAPE ANALYSIS OF THE LATERAL VENTRICLES VIA FLUID REGISTRATION OF MULTIPLE SURFACE-BASED ATLASES **2007**,		6
34	Brain MRI findings related to Alzheimer's disease in older African American adults. *Progress in Molecular Biology and Translational Science*, **2019**, 165, 3-23	4	5
33	Quantifying Biochemical Alterations in Brown and Subcutaneous White Adipose Tissues of Mice Using Fourier Transform Infrared Widefield Imaging. *Frontiers in Endocrinology*, **2017**, 8, 121	5.7	5

32	Trajectories of brain loss in aging and the development of cognitive impairment. *Neurology*, **2009**, 72, 771; author reply 771-2	6.5	5
31	Effects of image normalization on the statistical analysis of perfusion MRI in elderly brains. *Journal of Magnetic Resonance Imaging*, **2008**, 28, 1351-60	5.6	5
30	Genetic Architecture of Subcortical Brain Structures in Over 40,000 Individuals Worldwide		5
29	Unified and Contrasting Cuts in Multiple Graphs **2015**,		5
28	Estimation of integral curves from high angular resolution diffusion imaging (HARDI) data. *Linear Algebra and Its Applications*, **2015**, 473, 377-403	0.9	4
27	Quantifying Individual Brain Connectivity with Functional Principal Component Analysis for Networks. *Brain Connectivity*, **2016**, 6, 540-7	2.7	4
26	Effects of T2-Weighted MRI Based Cranial Volume Measurements on Studies of the Aging Brain. *Proceedings of SPIE*, **2013**, 8669,	1.7	4
25	Estimating uncertainty in brain region delineations. *Lecture Notes in Computer Science*, **2009**, 21, 479-90	0.9	4
24	Brain functional differences in visuo-motor task adaptation between dominant and non-dominant hand training. *Experimental Brain Research*, **2019**, 237, 3109-3121	2.3	3
23	Estimating fiber orientation distribution from diffusion MRI with spherical needlets. *Medical Image Analysis*, **2018**, 46, 57-72	15.4	3
22	Long-term Change in Physiological Markers and Cognitive Performance in Type 2 Diabetes: The Look AHEAD Study. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	3
21	Examining Relationships between Multiple Self-Reported Sleep Measures and Gait Domains in Cognitively Healthy Older Adults. *Gerontology*, **2020**, 66, 47-54	5.5	3
20	Impact of DTI smoothing on the study of brain aging. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2012**, 2012, 94-7	0.9	2
19	Deep Stacking Networks for Conditional Nonlinear Granger Causal Modeling of fMRI Data. *Lecture Notes in Computer Science*, **2021**, 113-124	0.9	2
18	Effects of testosterone administration on fMRI responses to executive function, aggressive behavior, and emotion processing tasks during severe exercise- and diet-induced energy deficit. *NeuroImage*, **2021**, 243, 118496	7.9	2
17	Robust measurement of individual localized changes to the aging hippocampus. *Computer Vision and Image Understanding*, **2013**, 117, 1128-1137	4.3	1
16	Impact of Intensive Lifestyle Intervention for Weight Management on Self-Reported Cognitive Function The Action for Health in Diabetes (Look AHEAD) Randomized Controlled Trial. *Diabetes*, **2018**, 67, 817-P	0.9	1
15	A Pilot Study of Cardiorespiratory Fitness, Adiposity, and Cardiometabolic Health in Youth With Overweight and Obesity. *Pediatric Exercise Science*, **2020**, 32, 124-131	2	1

14	Total body skeletal muscle mass estimated by magnetic resonance imaging and creatine (methyl-d) dilution in athletes. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30, 421-428	4.6	1
13	The effects of the form of sugar (solid vs. beverage) on body weight and fMRI activation: A randomized controlled pilot study. *PLoS ONE*, **2021**, 16, e0251700	3.7	1
12	Rigorous simulation of statistical electron□electron interactions with fast multipole acceleration and a network of workstations. *Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena*, **1998**, 16, 3221		0
11	3D MRI Modeling of Thin and Spatially Complex Soft Tissue Structures without Shrinkage: Lamprey Myosepta as an Example. *Anatomical Record*, **2018**, 301, 1745-1763	2.1	0
10	Legacy of a 10-Year Multidomain Lifestyle Intervention on the Cognitive Trajectories of Individuals with Overweight/Obesity and Type 2 Diabetes Mellitus. *Dementia and Geriatric Cognitive Disorders*, **2021**, 50, 237-249	2.6	0
9	Dissociation of tau pathology and neuronal hypometabolism within the ATN framework of Alzheimer□s disease.. *Nature Communications*, **2022**, 13, 1495	17.4	0
8	Impact of Markov Random Field optimizer on MRI-based tissue segmentation in the aging brain. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2011**, 2011, 7812-5	0.9	
7	Most edges in Markov random fields for white matter hyperintensity segmentation are worthless. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2012**, 2012, 2684-7	0.9	
6	Brain shape regression components. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2012**, 2012, 2680-3	0.9	
5	Imaging in drug development **2022**, 343-358		
4	Interactive Volume Rendering of Diffusion Tensor Data. *Mathematics and Visualization*, **2009**, 161-176	0.6	
3	Does the impact of intensive lifestyle intervention on cognitive function vary depending baseline level of frailty? An ancillary study to the Action for Health in Diabetes (Look AHEAD) Trial. *Journal of Diabetes and Its Complications*, **2021**, 35, 107909	3.2	
2	Neuroimaging, Behavioral, and Gait Correlates of Fall Profile in Older Adults. *Frontiers in Aging Neuroscience*, **2021**, 13, 630049	5.3	
1	Constrained Learning of Task-Related and Spatially-Coherent Dictionaries from Task fMRI Data. *Lecture Notes in Computer Science*, **2021**, 165-173	0.9	