

# Gerard R Ridgway

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6069347/gerard-r-ridgway-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98  
papers

8,505  
citations

45  
h-index

92  
g-index

122  
ext. papers

10,410  
ext. citations

5.8  
avg. IF

5.97  
L-index

#	Paper	IF	Citations
98	Evaluation of quantitative MRCP (MRCP+) for risk stratification of primary sclerosing cholangitis: comparison with morphological MRCP, MR elastography, and biochemical risk scores. <i>European Radiology</i> , <b>2022</b> , 32, 67-77	8	1
97	Quantitative MRCP Imaging: Accuracy, Repeatability, Reproducibility, and Cohort-Derived Normative Ranges. <i>Journal of Magnetic Resonance Imaging</i> , <b>2020</b> , 52, 807-820	5.6	11
96	Quantitative magnetic resonance imaging predicts individual future liver performance after liver resection for cancer. <i>PLoS ONE</i> , <b>2020</b> , 15, e0238568	3.7	6
95	Pancreas Segmentation-Derived Biomarkers: Volume and Shape Metrics in the UK Biobank Imaging Study. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 131-142	0.3	4
94	Segmentation of the Biliary Tree from MRCP Images via the Monogenic Signal. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 105-117	0.3	3
93	Putaminal diffusion tensor imaging measures predict disease severity across human prion diseases. <i>Brain Communications</i> , <b>2020</b> , 2, fcaa032	4.5	
92	Volitional modulation of higher-order visual cortex alters human perception. <i>NeuroImage</i> , <b>2019</b> , 188, 291-301	7.9	1
91	Real-time decoding of covert attention in higher-order visual areas. <i>NeuroImage</i> , <b>2018</b> , 169, 462-472	7.9	8
90	Patterns of progressive atrophy vary with age in Alzheimer's disease patients. <i>Neurobiology of Aging</i> , <b>2018</b> , 63, 22-32	5.6	23
89	Patterns of atrophy in pathologically confirmed dementias: a voxelwise analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2017</b> , 88, 908-916	5.5	45
88	Neuroanatomical correlates of prion disease progression - a 3T longitudinal voxel-based morphometry study. <i>NeuroImage: Clinical</i> , <b>2017</b> , 13, 89-96	5.3	7
87	White matter hyperintensities are associated with disproportionate progressive hippocampal atrophy. <i>Hippocampus</i> , <b>2017</b> , 27, 249-262	3.5	45
86	Multivariate dynamical modelling of structural change during development. <i>NeuroImage</i> , <b>2017</b> , 147, 746-762	7.9	16
85	Investigating white matter fibre density and morphology using fixel-based analysis. <i>NeuroImage</i> , <b>2017</b> , 144, 58-73	7.9	249
84	[O10202]: CHARACTERISING PRESYMPTOMATIC ATROPHY PATTERNS THROUGH MULTIVARIATE MACHINE LEARNING <b>2017</b> , 13, P185-P186		
83	DIR-visible grey matter lesions and atrophy in multiple sclerosis: partners in crime?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2016</b> , 87, 461-7	5.5	30
82	Faster permutation inference in brain imaging. <i>NeuroImage</i> , <b>2016</b> , 141, 502-516	7.9	136

81	MRI visual rating scales in the diagnosis of dementia: evaluation in 184 post-mortem confirmed cases. <i>Brain</i> , <b>2016</b> , 139, 1211-25	11.2	135
80	Failed replications, contributing factors and careful interpretations: Commentary on Boekel et al., 2015. <i>Cortex</i> , <b>2016</b> , 74, 338-42	3.8	11
79	Accurate automatic estimation of total intracranial volume: a nuisance variable with less nuisance. <i>NeuroImage</i> , <b>2015</b> , 104, 366-72	7.9	276
78	Connectivity-based fixel enhancement: Whole-brain statistical analysis of diffusion MRI measures in the presence of crossing fibres. <i>NeuroImage</i> , <b>2015</b> , 117, 40-55	7.9	163
77	Estimating anatomical trajectories with Bayesian mixed-effects modeling. <i>NeuroImage</i> , <b>2015</b> , 121, 51-68	7.9	21
76	Dysconnectivity within the default mode in first-episode schizophrenia: a stochastic dynamic causal modeling study with functional magnetic resonance imaging. <i>Schizophrenia Bulletin</i> , <b>2015</b> , 41, 144-53	1.3	68
75	Profiles of white matter tract pathology in frontotemporal dementia. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 4163-79	5.9	84
74	Temporal and spatial evolution of grey matter atrophy in primary progressive multiple sclerosis. <i>NeuroImage</i> , <b>2014</b> , 86, 257-64	7.9	33
73	Permutation inference for the general linear model. <i>NeuroImage</i> , <b>2014</b> , 92, 381-97	7.9	1884
72	Individualized Gaussian process-based prediction and detection of local and global gray matter abnormalities in elderly subjects. <i>NeuroImage</i> , <b>2014</b> , 97, 333-48	7.9	48
71	Specific brain morphometric changes in spinal cord injury with and without neuropathic pain. <i>NeuroImage: Clinical</i> , <b>2014</b> , 5, 28-35	5.3	34
70	IC-P-057: CLASSIFICATION OF PATHOLOGY USING BRAIN SUBSTRUCTURE VOLUMES IN POST MORTEM CONFIRMED DEMENTIAS <b>2014</b> , 10, P32-P33		
69	P2-190: CLASSIFICATION OF PATHOLOGY USING BRAIN SUBSTRUCTURE VOLUMES IN POSTMORTEM CONFIRMED DEMENTIAS <b>2014</b> , 10, P540-P541		
68	Prominent effects and neural correlates of visual crowding in a neurodegenerative disease population. <i>Brain</i> , <b>2014</b> , 137, 3284-99	11.2	25
67	White matter tract signatures of the progressive aphasias. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 1687-99	5.6	76
66	Patterns of longitudinal brain atrophy in the logopenic variant of primary progressive aphasia. <i>Brain and Language</i> , <b>2013</b> , 127, 121-6	2.9	84
65	Set-level threshold-free tests on the intrinsic volumes of SPMs. <i>NeuroImage</i> , <b>2013</b> , 68, 133-40	7.9	0
64	MIRIAD--Public release of a multiple time point Alzheimer's MR imaging dataset. <i>NeuroImage</i> , <b>2013</b> , 70, 33-6	7.9	70

63	Vascular and Alzheimer's disease markers independently predict brain atrophy rate in Alzheimer's Disease Neuroimaging Initiative controls. <i>Neurobiology of Aging</i> , <b>2013</b> , 34, 1996-2002	5.6	51
62	The pattern of atrophy in familial Alzheimer disease: volumetric MRI results from the DIAN study. <i>Neurology</i> , <b>2013</b> , 81, 1425-33	6.5	56
61	Multiparameter MR imaging in the 6-OPRI variant of inherited prion disease. <i>American Journal of Neuroradiology</i> , <b>2013</b> , 34, 1723-30	4.4	8
60	Magnetic resonance imaging evidence for presymptomatic change in thalamus and caudate in familial Alzheimer's disease. <i>Brain</i> , <b>2013</b> , 136, 1399-414	11.2	148
59	Genetic influences on atrophy patterns in familial Alzheimer's disease: a comparison of APP and PSEN1 mutations. <i>Journal of Alzheimers Disease</i> , <b>2013</b> , 35, 199-212	4.3	31
58	Efficient posterior probability mapping using Savage-Dickey ratios. <i>PLoS ONE</i> , <b>2013</b> , 8, e59655	3.7	13
57	Abstract conceptual feature ratings: the role of emotion, magnitude, and other cognitive domains in the organization of abstract conceptual knowledge. <i>Frontiers in Human Neuroscience</i> , <b>2013</b> , 7, 186	3.3	52
56	Global gray matter changes in posterior cortical atrophy: a serial imaging study. <i>Alzheimers and Dementia</i> , <b>2012</b> , 8, 502-12	1.2	40
55	The role of polarity in antonym and synonym conceptual knowledge: evidence from stroke aphasia and multidimensional ratings of abstract words. <i>Neuropsychologia</i> , <b>2012</b> , 50, 2636-44	3.2	20
54	Parametric non-rigid registration using a stationary velocity field <b>2012</b> ,		21
53	Accent processing in dementia. <i>Neuropsychologia</i> , <b>2012</b> , 50, 2233-44	3.2	21
52	On the semantic elements of abstract words. <i>Cortex</i> , <b>2012</b> , 48, 1376-8; discussion 1383-7	3.8	4
51	The problem of low variance voxels in statistical parametric mapping; a new hat avoids a 'haircut'. <i>NeuroImage</i> , <b>2012</b> , 59, 2131-41	7.9	25
50	Apparent Fibre Density: a novel measure for the analysis of diffusion-weighted magnetic resonance images. <i>NeuroImage</i> , <b>2012</b> , 59, 3976-94	7.9	341
49	Consistent multi-time-point brain atrophy estimation from the boundary shift integral. <i>NeuroImage</i> , <b>2012</b> , 59, 3995-4005	7.9	54
48	Nonverbal sound processing in semantic dementia: a functional MRI study. <i>NeuroImage</i> , <b>2012</b> , 61, 170-80;9	7.9	25
47	Longitudinal neuroimaging and neuropsychological profiles of frontotemporal dementia with C9ORF72 expansions. <i>Alzheimers Research and Therapy</i> , <b>2012</b> , 4, 41	9	73
46	The importance of group-wise registration in tract based spatial statistics study of neurodegeneration: a simulation study in Alzheimer's disease. <i>PLoS ONE</i> , <b>2012</b> , 7, e45996	3.7	65

45	Symmetric diffeomorphic modeling of longitudinal structural MRI. <i>Frontiers in Neuroscience</i> , <b>2012</b> , 6, 197	5.1	203
44	Early-onset Alzheimer disease clinical variants: multivariate analyses of cortical thickness. <i>Neurology</i> , <b>2012</b> , 79, 80-4	6.5	63
43	Distinct neuropsychological profiles correspond to distribution of cortical thinning in inherited prion disease caused by insertional mutation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2012</b> , 83, 109-14	5.5	12
42	Impairments of auditory scene analysis in Alzheimer's disease. <i>Brain</i> , <b>2012</b> , 135, 190-200	11.2	50
41	Classification of Alzheimer's disease patients with hippocampal shape, wrapper based feature selection and support vector machine <b>2012</b> ,		2
40	Brain MAPS: an automated, accurate and robust brain extraction technique using a template library. <i>NeuroImage</i> , <b>2011</b> , 55, 1091-108	7.9	124
39	Comparing the similarity and spatial structure of neural representations: a pattern-component model. <i>NeuroImage</i> , <b>2011</b> , 55, 1665-78	7.9	63
38	Algorithms, atrophy and Alzheimer's disease: cautionary tales for clinical trials. <i>NeuroImage</i> , <b>2011</b> , 57, 15-18	7.9	64
37	LoAd: a locally adaptive cortical segmentation algorithm. <i>NeuroImage</i> , <b>2011</b> , 56, 1386-97	7.9	72
36	A comparison of voxel and surface based cortical thickness estimation methods. <i>NeuroImage</i> , <b>2011</b> , 57, 856-65	7.9	122
35	Cortical thickness and voxel-based morphometry in posterior cortical atrophy and typical Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2011</b> , 32, 1466-76	5.6	138
34	Targeted regeneration of bone in the osteoporotic human femur. <i>PLoS ONE</i> , <b>2011</b> , 6, e16190	3.7	53
33	Basic visual function and cortical thickness patterns in posterior cortical atrophy. <i>Cerebral Cortex</i> , <b>2011</b> , 21, 2122-32	5.1	56
32	Log-Euclidean free-form deformation <b>2011</b> ,		5
31	Voice processing in dementia: a neuropsychological and neuroanatomical analysis. <i>Brain</i> , <b>2011</b> , 134, 2535-47	5.1	52
30	Automated brain extraction using Multi-Atlas Propagation and Segmentation (MAPS) <b>2011</b> ,		3
29	Reduced cortical thickness in the posterior cingulate gyrus is characteristic of both typical and atypical Alzheimer's disease. <i>Journal of Alzheimers Disease</i> , <b>2010</b> , 20, 587-98	4.3	73
28	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> , <b>2010</b> , 81, 756-63	5.5	90

27	Clinical syndromes associated with posterior atrophy: early age at onset AD spectrum. <i>Neurology</i> , <b>2010</b> , 75, 479; author reply 479-80	6.5	1
26	Image similarity metrics in image registration <b>2010</b> ,		7
25	Diffeomorphic demons using normalized mutual information, evaluation on multimodal brain MR images <b>2010</b> ,		17
24	Pitfalls in the use of voxel-based morphometry as a biomarker: examples from huntington disease. <i>American Journal of Neuroradiology</i> , <b>2010</b> , 31, 711-9	4.4	82
23	Automated cross-sectional and longitudinal hippocampal volume measurement in mild cognitive impairment and Alzheimer's disease. <i>NeuroImage</i> , <b>2010</b> , 51, 1345-59	7.9	203
22	Head size, age and gender adjustment in MRI studies: a necessary nuisance?. <i>NeuroImage</i> , <b>2010</b> , 53, 1244-55	7.9	313
21	Progressive logopenic/phonological aphasia: erosion of the language network. <i>NeuroImage</i> , <b>2010</b> , 49, 984-93	7.9	181
20	Distinct profiles of brain atrophy in frontotemporal lobar degeneration caused by progranulin and tau mutations. <i>NeuroImage</i> , <b>2010</b> , 53, 1070-6	7.9	181
19	Nonrigid registration with differential bias correction using normalised mutual information <b>2010</b> ,		1
18	Fast free-form deformation using graphics processing units. <i>Computer Methods and Programs in Biomedicine</i> , <b>2010</b> , 98, 278-84	6.9	650
17	Nonlinear Elastic Spline Registration: Evaluation with Longitudinal Huntington's Disease Data. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 128-139	0.9	1
16	Increasing power to predict mild cognitive impairment conversion to Alzheimer's disease using hippocampal atrophy rate and statistical shape models. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 13, 125-32	0.9	17
15	Patterns of cortical thickness according to APOE genotype in Alzheimer's disease. <i>Dementia and Geriatric Cognitive Disorders</i> , <b>2009</b> , 28, 476-85	2.6	26
14	Patterns of cortical thinning in the language variants of frontotemporal lobar degeneration. <i>Neurology</i> , <b>2009</b> , 72, 1562-9	6.5	215
13	A parallel-friendly normalized mutual information gradient for free-form registration <b>2009</b> ,		6
12	Relationship between CAG repeat length and brain volume in premanifest and early Huntington's disease. <i>Journal of Neurology</i> , <b>2009</b> , 256, 203-12	5.5	48
11	Issues with threshold masking in voxel-based morphometry of atrophied brains. <i>NeuroImage</i> , <b>2009</b> , 44, 99-111	7.9	234
10	Improved maximum a posteriori cortical segmentation by iterative relaxation of priors. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 12, 441-9	0.9	5

9	Defective emotion recognition in early HD is neuropsychologically and anatomically generic. <i>Neuropsychologia</i> , <b>2008</b> , 46, 2152-60	3.2	84
8	Ten simple rules for reporting voxel-based morphometry studies. <i>NeuroImage</i> , <b>2008</b> , 40, 1429-35	7.9	203
7	Accuracy assessment of global and local atrophy measurement techniques with realistic simulated longitudinal Alzheimer's disease images. <i>NeuroImage</i> , <b>2008</b> , 42, 696-709	7.9	31
6	Imaging cadavers: cold FLAIR and noninvasive brain thermometry using CSF diffusion. <i>Magnetic Resonance in Medicine</i> , <b>2008</b> , 59, 190-5	4.4	36
5	Bayesian Image Modeling of cDNA Microarray Spots. <i>IEEE Signal Processing Letters</i> , <b>2007</b> , 14, 653-656	3.2	2
4	Accuracy assessment of global and local atrophy measurement techniques with realistic simulated longitudinal data <b>2007</b> , 10, 785-92		4
3	Phenomenological model of diffuse global and regional atrophy using finite-element methods. <i>IEEE Transactions on Medical Imaging</i> , <b>2006</b> , 25, 1417-30	11.7	28
2	Bayesian modelling of microarray images <b>2006</b> ,		1
1	Simulation of acquisition artefacts in MR scans: effects on automatic measures of brain atrophy. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 9, 272-80	0.9	5