

# Anna Caroli

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

4,014  
citations

101543

36  
h-index

118850

62  
g-index

66  
all docs

66  
docs citations

66  
times ranked

5627  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Standardized [18F]-FDG-PET Template for Spatial Normalization in Statistical Parametric Mapping of Dementia. <i>Neuroinformatics</i> , 2014, 12, 575-593.	2.8	240
2	Effect of longacting somatostatin analogue on kidney and cyst growth in autosomal dominant polycystic kidney disease (ALADIN): a randomised, placebo-controlled, multicentre trial. <i>Lancet</i> , The, 2013, 382, 1485-1495.	13.7	218
3	Validation of an optimized SPM procedure for FDG-PET in dementia diagnosis in a clinical setting. <i>NeuroImage: Clinical</i> , 2014, 6, 445-454.	2.7	172
4	Prediction of dementia in MCI patients based on core diagnostic markers for Alzheimer disease. <i>Neurology</i> , 2013, 80, 1048-1056.	1.1	161
5	Sirolimus Therapy to Halt the Progression of ADPKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 1031-1040.	6.1	157
6	MRI-Based Automated Computer Classification of Probable AD Versus Normal Controls. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 509-520.	8.9	133
7	Reducing Polycystic Liver Volume in ADPKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 783-789.	4.5	126
8	The dynamics of Alzheimer's disease biomarkers in the Alzheimer's Disease Neuroimaging Initiative cohort. <i>Neurobiology of Aging</i> , 2010, 31, 1263-1274.	3.1	126
9	Mild cognitive impairment with suspected nonamyloid pathology (SNAP). <i>Neurology</i> , 2015, 84, 508-515.	1.1	122
10	Disease Tracking Markers for Alzheimer's Disease at the Prodromal (MCI) Stage. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 159-199.	2.6	120
11	Automatic Segmentation of Kidneys using Deep Learning for Total Kidney Volume Quantification in Autosomal Dominant Polycystic Kidney Disease. <i>Scientific Reports</i> , 2017, 7, 2049.	3.3	115
12	Diffusion-weighted magnetic resonance imaging to assess diffuse renal pathology: a systematic review and statement paper. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, ii29-ii40.	0.7	111
13	Resting metabolic connectivity in prodromal Alzheimer's disease. A European Alzheimer Disease Consortium (EADC) project. <i>Neurobiology of Aging</i> , 2012, 33, 2533-2550.	3.1	108
14	Metabolic Networks Underlying Cognitive Reserve in Prodromal Alzheimer Disease: A European Alzheimer Disease Consortium Project. <i>Journal of Nuclear Medicine</i> , 2013, 54, 894-902.	5.0	108
15	Mapping brain morphological and functional conversion patterns in amnesic MCI: a voxel-based MRI and FDG-PET study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 36-45.	6.4	95
16	Magnetic resonance imaging biomarkers for chronic kidney disease: a position paper from the European Cooperation in Science and Technology Action PARENCHIMA. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, ii4-ii14.	0.7	91
17	Relating one-year cognitive change in mild cognitive impairment to baseline MRI features. <i>NeuroImage</i> , 2009, 47, 1363-1370.	4.2	90
18	Renal blood oxygenation level-dependent magnetic resonance imaging to measure renal tissue oxygenation: a statement paper and systematic review. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, ii22-ii28.	0.7	88

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19	In vivo mapping of amyloid toxicity in Alzheimer disease. <i>Neurology</i> , 2009, 72, 1504-1511.	1.1	87
20	Chest X-ray for predicting mortality and the need for ventilatory support in COVID-19 patients presenting to the emergency department. <i>European Radiology</i> , 2021, 31, 1999-2012.	4.5	86
21	Cerebral perfusion correlates of conversion to Alzheimer's disease in amnesic mild cognitive impairment. <i>Journal of Neurology</i> , 2007, 254, 1698-1707.	3.6	81
22	Summary Metrics to Assess Alzheimer Diseaseâ€“Related Hypometabolic Pattern with <sup>18</sup> F-FDG PET: Head-to-Head Comparison. <i>Journal of Nuclear Medicine</i> , 2012, 53, 592-600.	5.0	79
23	Young Women With Polycystic Liver Disease Respond Best to Somatostatin Analogues: A Pooled Analysis of Individual Patient Data. <i>Gastroenterology</i> , 2013, 145, 357-365.e2.	1.3	76
24	Magnetic resonance imaging T1- and T2-mapping to assess renal structure and function: a systematic review and statement paper. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, ii41-ii50.	0.7	75
25	Prediction of AD dementia by biomarkers following the NIAâ€“AA and ÎAWG diagnostic criteria in MCI patients from three European memory clinics. <i>Alzheimer's and Dementia</i> , 2015, 11, 1191-1201.	0.8	71
26	Imaging of Kidney Cysts and Cystic Kidney Diseases in Children: An International Working Group Consensus Statement. <i>Radiology</i> , 2019, 290, 769-782.	7.3	69
27	Validation of a patient-specific hemodynamic computational model for surgical planning of vascular access in hemodialysis patients. <i>Kidney International</i> , 2013, 84, 1237-1245.	5.2	67
28	Consensus-based technical recommendations for clinical translation of renal diffusion-weighted MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 177-195.	2.0	61
29	Brain SPECT in subtypes of mild cognitive impairment. <i>Journal of Neurology</i> , 2008, 255, 1344-1353.	3.6	54
30	Cortical sources of resting state EEG rhythms are related to brain hypometabolism in subjects with Alzheimer's disease: an EEG-PET study. <i>Neurobiology of Aging</i> , 2016, 48, 122-134.	3.1	53
31	Incorporating radiomics into clinical trials: expert consensus endorsed by the European Society of Radiology on considerations for data-driven compared to biologically driven quantitative biomarkers. <i>European Radiology</i> , 2021, 31, 6001-6012.	4.5	53
32	Diagnostic accuracy of markers for prodromal Alzheimer's disease in independent clinical series. <i>Alzheimer's and Dementia</i> , 2013, 9, 677-686.	0.8	51
33	The new Alzheimerâ€™s criteria in a naturalistic series of patients with mild cognitive impairment. <i>Journal of Neurology</i> , 2010, 257, 2004-2014.	3.6	44
34	Technical recommendations for clinical translation of renal MRI: a consensus project of the Cooperation in Science and Technology Action PARENCHIMA. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 131-140.	2.0	44
35	SPECT Predictors of Cognitive Decline and Alzheimer's Disease in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2009, 17, 761-772.	2.6	42
36	Octreotide-LAR in later-stage autosomal dominant polycystic kidney disease (ALADIN 2): A randomized, double-blind, placebo-controlled, multicenter trial. <i>PLoS Medicine</i> , 2019, 16, e1002777.	8.4	42

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37	Kidney volume measurement methods for clinical studies on autosomal dominant polycystic kidney disease. PLoS ONE, 2017, 12, e0178488.	2.5	40
38	Post-discharge chest CT findings and pulmonary function tests in severe COVID-19 patients. European Journal of Radiology, 2021, 138, 109676.	2.6	39
39	Brain perfusion correlates of medial temporal lobe atrophy and white matter hyperintensities in mild cognitive impairment. Journal of Neurology, 2007, 254, 1000-1008.	3.6	36
40	Effect of Sirolimus on Disease Progression in Patients with Autosomal Dominant Polycystic Kidney Disease and CKD Stages 3b-4. Clinical Journal of the American Society of Nephrology: CJASN, 2016, 11, 785-794.	4.5	35
41	Functional magnetic resonance imaging of the kidneys: where do we stand? The perspective of the European COST Action PARENCHIMA. Nephrology Dialysis Transplantation, 2018, 33, ii1-ii3.	0.7	32
42	Functional compensation in incipient Alzheimer's disease. Neurobiology of Aging, 2010, 31, 387-397.	3.1	28
43	Phase-contrast magnetic resonance imaging to assess renal perfusion: a systematic review and statement paper. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 3-21.	2.0	26
44	Striatum and entorhinal cortex atrophy in AD mouse models: MRI comprehensive analysis. Neurobiology of Aging, 2015, 36, 776-788.	3.1	25
45	Basic principles and new advances in kidney imaging. Kidney International, 2021, 100, 1001-1011.	5.2	25
46	Clinical and medial temporal features in a family with mood disorders. Neuroscience Letters, 2010, 468, 93-97.	2.1	23
47	Clinical Study Protocol for the ARCH Project Computational Modeling for Improvement of Outcome after Vascular Access Creation. Journal of Vascular Access, 2011, 12, 369-376.	0.9	23
48	Consensus-Based Technical Recommendations for Clinical Translation of Renal Phase Contrast MRI. Journal of Magnetic Resonance Imaging, 2022, 55, 323-335.	3.4	22
49	Intermediate Volume on Computed Tomography Imaging Defines a Fibrotic Compartment that Predicts Glomerular Filtration Rate Decline in Autosomal Dominant Polycystic Kidney Disease Patients. American Journal of Pathology, 2011, 179, 619-627.	3.8	19
50	Metabolic Compensation and Depression in Alzheimer's Disease. Dementia and Geriatric Cognitive Disorders, 2010, 29, 37-45.	1.5	18
51	Quantitative evaluation of Alzheimer's disease. Expert Review of Medical Devices, 2009, 6, 569-588.	2.8	14
52	Alzheimer Disease Biomarkers as Outcome Measures for Clinical Trials in MCI. Alzheimer Disease and Associated Disorders, 2015, 29, 101-109.	1.3	14
53	Cerebral superb microvascular imaging in preterm neonates: in vivo evaluation of thalamic, striatal, and extra-striatal angioarchitecture. Neuroradiology, 2021, 63, 1103-1112.	2.2	12
54	Prognostic value of Alzheimer's biomarkers in mild cognitive impairment: the effect of age at onset. Journal of Neurology, 2019, 266, 2535-2545.	3.6	11

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55	Does MRI trump pathology? A new era for staging and monitoring of kidney fibrosis. <i>Kidney International</i> , 2020, 97, 442-444.	5.2	11
56	Renal Diffusion-Weighted Imaging (DWI) for Apparent Diffusion Coefficient (ADC), Intravoxel Incoherent Motion (IVIM), and Diffusion Tensor Imaging (DTI): Basic Concepts. <i>Methods in Molecular Biology</i> , 2021, 2216, 187-204.	0.9	5
57	Computer-aided diagnostic reporting of FDG PET for the diagnosis of Alzheimer's disease. <i>Clinical and Translational Imaging</i> , 2013, 1, 279-288.	2.1	3
58	Diffusion-Weighted Magnetic Resonance Imaging: Clinical Potential and Applications. <i>Journal of Clinical Medicine</i> , 2022, 11, 3339.	2.4	3
59	Structural brain imaging in patients with cognitive impairment in the year 2015. <i>Future Neurology</i> , 2006, 1, 77-86.	0.5	2
60	Functional Magnetic Resonance Imaging Versus Kidney Biopsy to Assess Response to Therapy in Nephrotic Syndrome: A Case Report. <i>Kidney Medicine</i> , 2020, 2, 804-809.	2.0	2
61	The use of AVF.SIM system for the surgical planning of arteriovenous fistulae in routine clinical practice. <i>Journal of Vascular Access</i> , 2022, , 112972982110626.	0.9	1
62	O2-13-03: MILD COGNITIVE IMPAIRMENT WITH SUSPECTED NON AD PATHOLOGY (SNAP): PREDICTION OF PROGRESSION TO DEMENTIA. , 2014, 10, P194-P195.		0