

# Oualid M Benkarim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9059036/publications.pdf>

Version: 2024-02-01

41  
papers

1,202  
citations

687363

13  
h-index

526287

27  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1218  
citing authors

#	ARTICLE	IF	CITATIONS
1	BrainSpace: a toolbox for the analysis of macroscale gradients in neuroimaging and connectomics datasets. <i>Communications Biology</i> , 2020, 3, 103.	4.4	285
2	Benchmark on Automatic Six-Month-Old Infant Brain Segmentation Algorithms: The iSeg-2017 Challenge. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 2219-2230.	8.9	136
3	The ENIGMA Toolbox: multiscale neural contextualization of multisite neuroimaging datasets. <i>Nature Methods</i> , 2021, 18, 698-700.	19.0	95
4	A multi-scale cortical wiring space links cellular architecture and functional dynamics in the human brain. <i>PLoS Biology</i> , 2020, 18, e3000979.	5.6	68
5	Differences in subcortico-cortical interactions identified from connectome and microcircuit models in autism. <i>Nature Communications</i> , 2021, 12, 2225.	12.8	63
6	Signal diffusion along connectome gradients and inter-hub routing differentially contribute to dynamic human brain function. <i>NeuroImage</i> , 2021, 224, 117429.	4.2	54
7	The relationship between individual variation in macroscale functional gradients and distinct aspects of ongoing thought. <i>NeuroImage</i> , 2020, 220, 117072.	4.2	53
8	Myeloarchitecture gradients in the human insula: Histological underpinnings and association to intrinsic functional connectivity. <i>NeuroImage</i> , 2020, 216, 116859.	4.2	51
9	Convergence of cortical types and functional motifs in the human mesiotemporal lobe. <i>ELife</i> , 2020, 9, .	6.0	46
10	Fetal cortical surface atlas parcellation based on growth patterns. <i>Human Brain Mapping</i> , 2019, 40, 3881-3899.	3.6	31
11	Toward the automatic quantification of in utero brain development in 3D structural MRI: A review. <i>Human Brain Mapping</i> , 2017, 38, 2772-2787.	3.6	30
12	Connectivity alterations in autism reflect functional idiosyncrasy. <i>Communications Biology</i> , 2021, 4, 1078.	4.4	25
13	Learning non-linear patch embeddings with neural networks for label fusion. <i>Medical Image Analysis</i> , 2018, 44, 143-155.	11.6	21
14	Structural Connectivity Gradients of the Temporal Lobe Serve as Multiscale Axes of Brain Organization and Cortical Evolution. <i>Cerebral Cortex</i> , 2021, 31, 5151-5164.	2.9	21
15	Cortical folding alterations in fetuses with isolated non-severe ventriculomegaly. <i>NeuroImage: Clinical</i> , 2018, 18, 103-114.	2.7	18
16	Adolescent development of multiscale structural wiring and functional interactions in the human connectome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	18
17	Learning to combine complementary segmentation methods for fetal and 6-month infant brain MRI segmentation. <i>Computerized Medical Imaging and Graphics</i> , 2018, 69, 52-59.	5.8	17
18	Population heterogeneity in clinical cohorts affects the predictive accuracy of brain imaging. <i>PLoS Biology</i> , 2022, 20, e3001627.	5.6	17

#	ARTICLE	IF	CITATIONS
19	Building an Ensemble of Complementary Segmentation Methods by Exploiting Probabilistic Estimates. Lecture Notes in Computer Science, 2016, , 27-35.	1.3	11
20	A Riemannian approach to predicting brain function from the structural connectome. NeuroImage, 2022, 257, 119299.	4.2	10
21	Handling confounding variables in statistical shape analysis - application to cardiac remodelling. Medical Image Analysis, 2020, 65, 101792.	11.6	9
22	A convergent structureâ€“function substrate of cognitive imbalances in autism. Cerebral Cortex, 2023, 33, 1566-1580.	2.9	9
23	Discriminative confidence estimation for probabilistic multi-atlas label fusion. Medical Image Analysis, 2017, 42, 274-287.	11.6	8
24	Global and Regional Changes in Cortical Development Assessed by MRI in Fetuses with Isolated Nonsevere Ventriculomegaly Correlate with Neonatal Neurobehavior. American Journal of Neuroradiology, 2019, 40, 1567-1574.	2.4	8
25	A novel approach to multiple anatomical shape analysis: Application to fetal ventriculomegaly. Medical Image Analysis, 2020, 64, 101750.	11.6	7
26	Label Consistent Multiclass Discriminative Dictionary Learning for MRI Segmentation. Lecture Notes in Computer Science, 2014, , 138-147.	1.3	4
27	Early Prediction of Alzheimerâ€™s Disease with Non-local Patch-Based Longitudinal Descriptors. Lecture Notes in Computer Science, 2017, , 74-81.	1.3	3
28	Revealing Regional Associations of Cortical Folding Alterations with In Utero Ventricular Dilation Using Joint Spectral Embedding. Lecture Notes in Computer Science, 2018, 11072, 620-627.	1.3	2
29	Fetal cortical parcellation based on growth patterns. , 2018, 2018, 696-699.		2
30	Patch spaces and fusion strategies in patch-based label fusion. Computerized Medical Imaging and Graphics, 2019, 71, 79-89.	5.8	2
31	Enhanced Probabilistic Label Fusion by Estimating Label Confidences Through Discriminative Learning. Lecture Notes in Computer Science, 2016, , 505-512.	1.3	1
32	Shared and distinct patterns of atypical cortical morphometry in children with autism and anxiety. Cerebral Cortex, 2022, 32, 4565-4575.	2.9	1
33	On the Role of Patch Spaces in Patch-Based Label Fusion. Lecture Notes in Computer Science, 2017, , 37-44.	1.3	0
34	Title is missing!. , 2020, 18, e3000979.		0
35	Title is missing!. , 2020, 18, e3000979.		0
36	Title is missing!. , 2020, 18, e3000979.		0

#	ARTICLE	IF	CITATIONS
37	Title is missing!. , 2020, 18, e3000979.		0
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39	Title is missing!. , 2020, 18, e3000979.		0
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41	Title is missing!. , 2020, 18, e3000979.		0