Sylvain Bouix

List of Publications by Year
in descending order

159	6,976	71061	69214
papers	citations	41	77
		h-index	g-index

166	166	166	8828
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review of magnetic resonance imaging and diffusion tensor imaging findings in mild traumatic brain injury. Brain Imaging and Behavior, 2012, 6, 137-192.	1.1	777
2	Widespread white matter microstructural differences in schizophrenia across 4322 individuals: results from the ENIGMA Schizophrenia DTI Working Group. Molecular Psychiatry, 2018, 23, 1261-1269.	4.1	522
3	Excessive Extracellular Volume Reveals a Neurodegenerative Pattern in Schizophrenia Onset. Journal of Neuroscience, 2012, 32, 17365-17372.	1.7	259
4	Hamilton-Jacobi Skeletons. International Journal of Computer Vision, 2002, 48, 215-231.	10.9	231
5	Retrieving articulated 3-D models using medial surfaces. Machine Vision and Applications, 2008, 19, 261-275.	1.7	213
6	Flux driven automatic centerline extraction. Medical Image Analysis, 2005, 9, 209-221.	7.0	161
7	Age at First Exposure to Football Is Associated with Altered Corpus Callosum White Matter Microstructure in Former Professional Football Players. Journal of Neurotrauma, 2015, 32, 1768-1776.	1.7	150
8	Neocortical Gray Matter Volume in First-Episode Schizophrenia and First-Episode Affective Psychosis: A Cross-Sectional and Longitudinal MRI Study. Biological Psychiatry, 2007, 62, 773-783.	0.7	148
9	On evaluating brain tissue classifiers without a ground truth. NeuroImage, 2007, 36, 1207-1224.	2.1	137
10	Diffusion tensor tractography findings in schizophrenia across the adult lifespan. Brain, 2010, 133, 1494-1504.	3.7	131
11	Longitudinal loss of gray matter volume in patients with first-episode schizophrenia: DARTEL automated analysis and ROI validation. NeuroImage, 2012, 59, 986-996.	2.1	129
12	Inter-site and inter-scanner diffusion MRI data harmonization. NeuroImage, 2016, 135, 311-323.	2.1	128
13	The extent of diffusion MRI markers of neuroinflammation and white matter deterioration in chronic schizophrenia. Schizophrenia Research, 2015, 161, 113-118.	1.1	115
14	Retrospective harmonization of multi-site diffusion MRI data acquired with different acquisition parameters. NeuroImage, 2019, 184, 180-200.	2.1	115
15	A Review of Neuroimaging Findings in Repetitive Brain Trauma. Brain Pathology, 2015, 25, 318-349.	2.1	107
16	Reduced interhemispheric connectivity in schizophrenia-tractography based segmentation of the corpus callosum. Schizophrenia Research, 2008, 106, 125-131.	1.1	101
17	A Hierarchical Algorithm for MR Brain Image Parcellation. IEEE Transactions on Medical Imaging, 2007, 26, 1201-1212.	5.4	97
18	Electrophysiological and diffusion tensor imaging evidence of delayed corollary discharges in patients with schizophrenia. Psychological Medicine, 2011, 41, 959-969.	2.7	97

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19	Hippocampal shape analysis using medial surfaces. NeuroImage, 2005, 25, 1077-1089.	2.1	93
20	A prospective study of physician-observed concussion during a varsity university hockey season: white matter integrity in ice hockey players. Part 3 of 4. Neurosurgical Focus, 2012, 33, E3.	1.0	90
21	Increased Gray Matter Diffusion Anisotropy in Patients with Persistent Post-Concussive Symptoms following Mild Traumatic Brain Injury. PLoS ONE, 2013, 8, e66205.	1.1	89
22	Hockey Concussion Education Project, Part 2. Microstructural white matter alterations in acutely concussed ice hockey players: a longitudinal free-water MRI study. Journal of Neurosurgery, 2014, 120, 873-881.	0.9	86
23	Using the logarithm of odds to define a vector space on probabilistic atlases. Medical Image Analysis, 2007, 11, 465-477.	7.0	85
24	Thalamoâ€"frontal white matter alterations in chronic schizophrenia. Human Brain Mapping, 2009, 30, 3812-3825.	1.9	83
25	Hockey Concussion Education Project, Part 3. White matter microstructure in ice hockey players with a history of concussion: a diffusion tensor imaging study. Journal of Neurosurgery, 2014, 120, 882-890.	0.9	83
26	Multi-site harmonization of diffusion MRI data in a registration framework. Brain Imaging and Behavior, 2018, 12, 284-295.	1.1	83
27	Abnormalities in white matter connections between orbitofrontal cortex and anterior cingulate cortex and their associations with negative symptoms in schizophrenia: A DTI study. Schizophrenia Research, 2014, 157, 190-197.	1.1	80
28	A prospective longitudinal volumetric MRI study of superior temporal gyrus gray matter and amygdalaâ€"hippocampal complex in chronic schizophrenia. Schizophrenia Research, 2009, 113, 84-94.	1.1	73
29	A 3D interactive multi-object segmentation tool using local robust statistics driven active contours. Medical Image Analysis, 2012, 16, 1216-1227.	7.0	70
30	Increased diffusivity in superior temporal gyrus in patients with schizophrenia: A Diffusion Tensor Imaging study. Schizophrenia Research, 2009, 108, 33-40.	1.1	66
31	Voxel-based morphometry (VBM) studies in schizophreniaâ€"can white matter changes be reliably detected with VBM?. Psychiatry Research - Neuroimaging, 2011, 193, 65-70.	0.9	64
32	Advanced neuroimaging applied to veterans and service personnel with traumatic brain injury: state of the art and potential benefits. Brain Imaging and Behavior, 2015, 9, 367-402.	1.1	63
33	Sex differences in white matter alterations following repetitive subconcussive head impacts in collegiate ice hockey players. NeuroImage: Clinical, 2018, 17, 642-649.	1.4	62
34	Uncinate fasciculus abnormalities in recent onset schizophrenia and affective psychosis: A diffusion tensor imaging study. Schizophrenia Research, 2009, 110, 119-126.	1.1	61
35	Global Medical Shape Analysis Using the Laplace-Beltrami Spectrum. , 2007, 10, 850-857.		60
36	Characterizing white matter changes in chronic schizophrenia: A free-water imaging multi-site study. Schizophrenia Research, 2017, 189, 153-161.	1.1	56

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37	Neuroimaging in repetitive brain trauma. Alzheimer's Research and Therapy, 2014, 6, 10.	3.0	49
38	Neuropsychological Outcome and Diffusion Tensor Imaging in Complicated versus Uncomplicated Mild Traumatic Brain Injury. PLoS ONE, 2015, 10, e0122746.	1.1	48
39	Anatomical guided segmentation with non-stationary tissue class distributions in an expectation-maximization framework. , 2004, 2004, 81-84.		47
40	Directional functions for orientation distribution estimation. Medical Image Analysis, 2009, 13, 432-444.	7.0	47
41	Harmonizing Diffusion MRI Data Across Multiple Sites and Scanners. Lecture Notes in Computer Science, 2015, 9349, 12-19.	1.0	47
42	A filtered approach to neural tractography using the Watson directional function. Medical Image Analysis, 2010, 14, 58-69.	7.0	45
43	Tractography Analysis of 5 White Matter Bundles and Their Clinical and Cognitive Correlates in Early-Course Schizophrenia. Schizophrenia Bulletin, 2016, 42, 762-771.	2.3	45
44	White matter abnormalities in mild traumatic brain injury with and without post-traumatic stress disorder: a subject-specific diffusion tensor imaging study. Brain Imaging and Behavior, 2018, 12, 870-881.	1.1	44
45	Stochastic tractography study of Inferior Frontal Gyrus anatomical connectivity in schizophrenia. NeuroImage, 2011, 55, 1657-1664.	2.1	42
46	Auditory verbal hallucinations and the interhemispheric auditory pathway in chronic schizophrenia. World Journal of Biological Psychiatry, 2015, 16, 31-44.	1.3	42
47	An In Vivo MRI Study of Prefrontal Cortical Complexity in First-Episode Psychosis. American Journal of Psychiatry, 2005, 162, 65-70.	4.0	40
48	Anterior limb of the internal capsule in schizophrenia: a diffusion tensor tractography study. Brain Imaging and Behavior, 2012, 6, 417-425.	1.1	39
49	Cerebral white matter abnormalities and their associations with negative but not positive symptoms of schizophrenia. Psychiatry Research - Neuroimaging, 2014, 222, 52-59.	0.9	39
50	CNTNAP2 polymorphisms and structural brain connectivity: AÂdiffusion-tensor imaging study. Journal of Psychiatric Research, 2013, 47, 1349-1356.	1.5	37
51	Smaller Neocortical Gray Matter and Larger Sulcal Cerebrospinal Fluid Volumes in Neuroleptic-Naive Women With Schizotypal Personality Disorder. Archives of General Psychiatry, 2006, 63, 1090.	13.8	36
52	White Matter Bundle Registration and Population Analysis Based on Gaussian Processes. Lecture Notes in Computer Science, 2011, 22, 320-332.	1.0	36
53	Globally and Locally Reduced MRI Gray Matter Volumes in Neuroleptic-Naive Men With Schizotypal Personality Disorder. JAMA Psychiatry, 2013, 70, 361.	6.0	35
54	Statistical analysis of fiber bundles using multi-tensor tractography: application to first-episode schizophrenia. Magnetic Resonance Imaging, 2011, 29, 507-515.	1.0	33

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55	Relationship Between White Matter Integrity, Attention, and Memory in Schizophrenia: A Diffusion Tensor Imaging Study. Brain Imaging and Behavior, 2009, 3, 191-201.	1.1	32
56	Shape abnormalities of caudate nucleus in schizotypal personality disorder. Schizophrenia Research, 2009, 110, 127-139.	1.1	32
57	A comparison of three fiber tract delineation methods and their impact on white matter analysis. NeuroImage, 2018, 178, 318-331.	2.1	32
58	Gray matter alterations in early aging: A diffusion magnetic resonance imaging study. Human Brain Mapping, 2014, 35, 3841-3856.	1.9	31
59	Anterior commissural white matter fiber abnormalities in first-episode psychosis: A tractography study. Schizophrenia Research, 2015, 162, 29-34.	1.1	31
60	Real time video scene detection and classification. Information Processing and Management, 1999, 35, 381-400.	5.4	30
61	Enlarged lateral ventricles inversely correlate with reduced corpus callosum central volume in first episode schizophrenia: association with functional measures. Brain Imaging and Behavior, 2016, 10, 1264-1273.	1.1	30
62	Exploring the neural substrates of attentional control and human intelligence: Diffusion tensor imaging of prefrontal white matter tractography in healthy cognition. Neuroscience, 2017, 341, 52-60.	1.1	30
63	Developing methods to detect and diagnose chronic traumatic encephalopathy during life: rationale, design, and methodology for the DIAGNOSE CTE Research Project. Alzheimer's Research and Therapy, 2021, 13, 136.	3.0	30
64	Reduced fractional anisotropy and axial diffusivity in white matter in 22q11.2 deletion syndrome: A pilot study. Schizophrenia Research, 2012, 141, 35-39.	1.1	29
65	Cell type-specific manifestations of cortical thickness heterogeneity in schizophrenia. Molecular Psychiatry, 2022, 27, 2052-2060.	4.1	29
66	The social brain network in 22q11.2 deletion syndrome: a diffusion tensor imaging study. Behavioral and Brain Functions, 2017, 13, 4.	1.4	28
67	Medial Frontal White and Gray Matter Contributions to General Intelligence. PLoS ONE, 2014, 9, e112691.	1.1	27
68	Diagnostic value of structural and diffusion imaging measures in schizophrenia. NeuroImage: Clinical, 2018, 18, 467-474.	1.4	27
69	Impaired white matter connectivity between regions containing mirror neurons, and relationship to negative symptoms and social cognition, in patients with first-episode schizophrenia. Brain Imaging and Behavior, 2018, 12, 229-237.	1.1	26
70	Baseline Cortical Thickness Reductions in Clinical High Risk for Psychosis: Brain Regions Associated with Conversion to Psychosis Versus Non-Conversion as Assessed at One-Year Follow-Up in the Shanghai-At-Risk-for-Psychosis (SHARP) Study. Schizophrenia Bulletin, 2021, 47, 562-574.	2.3	25
71	Sparse Texture Active Contour. IEEE Transactions on Image Processing, 2013, 22, 3866-3878.	6.0	24
72	Shape analysis, a field in need of careful validation. Human Brain Mapping, 2014, 35, 4965-4978.	1.9	24

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73	Mild traumatic brain injury impacts associations between limbic system microstructure and post-traumatic stress disorder symptomatology. NeuroImage: Clinical, 2020, 26, 102190.	1.4	24
74	Abnormalities in Myelination of the Superior Cerebellar Peduncle in Patients with Schizophrenia and Deficits in Movement Sequencing. Cerebellum, 2014, 13, 415-424.	1.4	23
75	A New MRI Masking Technique Based on Multiâ€Atlas Brain Segmentation in Controls and Schizophrenia: A Rapid and Viable Alternative to Manual Masking. Journal of Neuroimaging, 2016, 26, 28-36.	1.0	23
76	Genetic contributions to changes of fiber tracts of ventral visual stream in 22q11.2 deletion syndrome. Brain Imaging and Behavior, 2013, 7, 316-325.	1.1	22
77	Fusion of white and gray matter geometry: A framework for investigating brain development. Medical Image Analysis, 2014, 18, 1349-1360.	7.0	22
78	Local white matter geometry from diffusion tensor gradients. NeuroImage, 2010, 49, 3175-3186.	2.1	21
79	Fiber geometry in the corpus callosum in schizophrenia: Evidence for transcallosal misconnection. Schizophrenia Research, 2011, 132, 69-74.	1.1	21
80	Abnormal white matter connections between medial frontal regions predict symptoms in patients with first episode schizophrenia. Cortex, 2015, 71, 264-276.	1.1	20
81	Abnormalities in brain white matter in adolescents with 22q11.2 deletion syndrome and psychotic symptoms. Brain Imaging and Behavior, 2017, 11, 1353-1364.	1.1	20
82	Global Medical Shape Analysis Using the Volumetric Laplace Spectrum. , 2007, , .		19
83	Diffusion imaging of mild traumatic brain injury in the impact accelerated rodent model: A pilot study. Brain Injury, 2017, 31, 1376-1381.	0.6	19
84	On Diffusion Tensor Estimation. , 2006, 2006, 2622-5.		18
85	Improving the predictive potential of diffusion <scp>MRI</scp> in schizophrenia using normative modelsâ€"Towards subjectâ€level classification. Human Brain Mapping, 2021, 42, 4658-4670.	1.9	18
86	The Sport Concussion Education Project. A brief report on an educational initiative: from concept to curriculum. Journal of Neurosurgery, 2014, 121, 1331-1336.	0.9	17
87	White matter changes in psychosis risk relate to development and are not impacted by the transition to psychosis. Molecular Psychiatry, 2021, 26, 6833-6844.	4.1	15
88	Automated dispersion and orientation analysis for carbon nanotube reinforced polymer composites. Nanotechnology, 2012, 23, 435706.	1.3	14
89	Diffusion abnormalities in the corpus callosum in first episode schizophrenia: Associated with enlarged lateral ventricles and symptomatology. Psychiatry Research, 2019, 277, 45-51.	1.7	14
90	Interactive Effects of Racial Identity and Repetitive Head Impacts on Cognitive Function, Structural MRI-Derived Volumetric Measures, and Cerebrospinal Fluid Tau and AÎ². Frontiers in Human Neuroscience, 2019, 13, 440.	1.0	14

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91	Atlas-Guided Segmentation of Vervet Monkey Brain MRI. Open Neuroimaging Journal, 2011, 5, 186-197.	0.2	14
92	Association Between Antemortem FLAIR White Matter Hyperintensities and Neuropathology in Brain Donors Exposed to Repetitive Head Impacts. Neurology, 2022, 98, .	1.5	14
93	Two Methods for Validating Brain Tissue Classifiers. Lecture Notes in Computer Science, 2005, 8, 515-522.	1.0	13
94	Characterizing the shape of anatomical structures with Poisson's equation. IEEE Transactions on Medical Imaging, 2006, 25, 1249-1257.	5.4	13
95	3D Exploration of the Brainstem in 50-Micron Resolution MRI. Frontiers in Neuroanatomy, 2020, 14, 40.	0.9	13
96	Morphometry of corpus callosum in Williams syndrome: shape as an index of neural development. Brain Structure and Function, 2013, 218, 711-720.	1.2	12
97	Serum Neurosteroid Levels Are Associated With Cortical Thickness in Individuals Diagnosed With Posttraumatic Stress Disorder and History of Mild Traumatic Brain Injury. Clinical EEG and Neuroscience, 2020, 51, 285-299.	0.9	12
98	How Human Is Human Connectional Neuroanatomy?. Frontiers in Neuroanatomy, 2020, 14, 18.	0.9	12
99	Affine Registration of label maps in Label Space. Journal of Computing, 2010, 2, 1-11.	2.0	12
100	Multi-tensor investigation of orbitofrontal cortex tracts affected in subcaudate tractotomy. Brain Imaging and Behavior, 2015, 9, 342-352.	1.1	11
101	Subject-specific abnormal region detection in traumatic brain injury using sparse model selection on high dimensional diffusion data. Medical Image Analysis, 2017, 37, 56-65.	7.0	11
102	Age at First Exposure to Tackle Football is Associated with Cortical Thickness in Former Professional American Football Players. Cerebral Cortex, 2021, 31, 3426-3434.	1.6	11
103	Increased diffusivity in gray matter in recent onset schizophrenia is associated with clinical symptoms and social cognition. Schizophrenia Research, 2016, 176, 144-150.	1.1	10
104	Abnormalities in gray matter microstructure in young adults with 22q11.2 deletion syndrome. NeuroImage: Clinical, 2019, 21, 101611.	1.4	10
105	Improving Registration Using Multi-channel Diffeomorphic Demons Combined with Certainty Maps. Lecture Notes in Computer Science, 2011, , 19-26.	1.0	10
106	Neuroprogression across the Early Course of Psychosis. Journal of Psychiatry and Brain Science, 2020, 5, .	0.3	9
107	MRI-based Parcellation and Morphometry of the Individual Rhesus Monkey Brain: the macaque Harvard-Oxford Atlas (mHOA), a translational system referencing a standardized ontology. Brain Imaging and Behavior, 2021, 15, 1589-1621.	1.1	8
108	The ENIGMA sports injury working group:â€" an international collaboration to further our understanding of sport-related brain injury. Brain Imaging and Behavior, 2021, 15, 576-584.	1.1	8

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109	Hippocampal Shape Analysis Using Medial Surfaces. Lecture Notes in Computer Science, 2001, , 33-40.	1.0	8
110	Tensor kernels for simultaneous fiber model estimation and tractography. Magnetic Resonance in Medicine, 2010, 64, 138-148.	1.9	7
111	Filtering in the Diffeomorphism Group and the Registration of Point Sets. IEEE Transactions on Image Processing, 2012, 21, 4383-4396.	6.0	7
112	Abnormal relationships between local and global brain measures in subjects at clinical high risk for psychosis: a pilot study. Brain Imaging and Behavior, 2018, 12, 974-988.	1.1	7
113	Neurocognitive markers of childhood abuse in individuals with PTSD: Findings from the INTRuST Clinical Consortium. Journal of Psychiatric Research, 2020, 121, 108-117.	1.5	7
114	Exposure to Repetitive Head Impacts Is Associated With Corpus Callosum Microstructure and Plasma Total Tau in Former Professional American Football Players. Journal of Magnetic Resonance Imaging, 2021, 54, 1819-1829.	1.9	7
115	Medial Axis Computation and Evolution. Modeling and Simulation in Science, Engineering and Technology, 2006, , 1-28.	0.4	7
116	Outlier Rejection for Diffusion Weighted Imaging. , 2007, 10, 161-168.		7
117	Dissociating prefrontal circuitry in intelligence and memory: neuropsychological correlates of magnetic resonance and diffusion tensor imaging. Brain Imaging and Behavior, 2015, 9, 839-847.	1.1	6
118	Microstructural alterations in medial forebrain bundle are associated with <scp>interindividual</scp> pain sensitivity. Human Brain Mapping, 2021, 42, 1130-1137.	1.9	6
119	Emotional Awareness in Schizophrenia Is Associated With Gray Matter Volume of Right Precuneus. Frontiers in Psychiatry, 2021, 12, 601742.	1.3	6
120	Orientation distribution estimation for Q-ball imaging. , 2008, , .		5
121	Statistical shape analysis using 3D Poisson equationâ€"A quantitatively validated approach. Medical Image Analysis, 2016, 30, 72-84.	7.0	5
122	Abnormalities in white matter tracts in the fronto-striatal-thalamic circuit are associated with verbal performance in 22q11.2DS. Schizophrenia Research, 2020, 224, 141-150.	1.1	5
123	Fiber Bundle Estimation and Parameterization. Lecture Notes in Computer Science, 2006, 9, 252-259.	1.0	5
124	On diffusion tensor estimation. , 2006, Suppl, 6707-10.		4
125	Synthesis of Realistic Subcortical Anatomy with Known Surface Deformations. Lecture Notes in Computer Science, 2012, , 80-88.	1.0	4
126	A Kalman Filtering Perspective for Multiatlas Segmentation. SIAM Journal on Imaging Sciences, 2015, 8, 1007-1029.	1.3	4

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127	Evaluating Automatic Brain Tissue Classifiers. Lecture Notes in Computer Science, 2004, , 1038-1039.	1.0	4
128	Multi-scale Characterization of White Matter Tract Geometry. Lecture Notes in Computer Science, 2012, 15, 34-41.	1.0	4
129	Opposing white matter microstructure abnormalities in 22q11.2 deletion and duplication carriers. Translational Psychiatry, 2021, 11, 580.	2.4	4
130	Directional functions for orientation distribution estimation. , 2008, , .		3
131	Optics, Mechanics, and Hamiltonâ€"Jacobi Skeletons. Advances in Imaging and Electron Physics, 2005, 135, 1-39.	0.1	2
132	Statistical Shape Analysis of Neuroanatomical Structures via Level-Set--based Shape Morphing. SIAM Journal on Imaging Sciences, 2014, 7, 1645-1668.	1.3	2
133	Introduction to the brain imaging and behavior special issue: mild traumatic brain injury among active duty service members and veterans. Brain Imaging and Behavior, 2015, 9, 355-357.	1.1	2
134	Shape analysis based on depth-ordering. Medical Image Analysis, 2015, 25, 2-10.	7.0	2
135	Depth-Based Shape-Analysis. Lecture Notes in Computer Science, 2014, 17, 17-24.	1.0	2
136	Local White Matter Geometry Indices from Diffusion Tensor Gradients. Lecture Notes in Computer Science, 2009, 12, 345-352.	1.0	2
137	Combining Surface and Fiber Geometry: An Integrated Approach to Brain Morphology. Lecture Notes in Computer Science, 2013, 16, 50-57.	1.0	2
138	Interpolation of longitudinal shape and image data via optimal mass transport. Proceedings of SPIE, 2014, 9034, 90342X.	0.8	1
139	Sparse model learning for high dimensional diffusion MRI data in traumatic brain injury. , 2015, , .		1
140	T163. STRUCTURAL AND CONNECTIVITY CHANGES IN THE CEREBELLUM CONTRIBUTE TO EXPERIENCING AUDITORY VERBAL HALLUCINATIONS. Schizophrenia Bulletin, 2020, 46, S293-S293.	2.3	1
141	Smaller subcortical volumes and enlarged lateral ventricles are associated with higher global functioning in young adults with 22q11.2 deletion syndrome with prodromal symptoms of schizophrenia. Psychiatry Research, 2021, 301, 113979.	1.7	1
142	Skeletons via Shocks of Boundary Evolution. Computational Imaging and Vision, 2008, , 127-154.	0.6	1
143	Sample Size Estimation for Outlier Detection. Lecture Notes in Computer Science, 2015, , 743-750.	1.0	1
144	â€œEvaluating Acquisition Time of rfMRI in the Human Connectome Project for Early Psychosis. How Much Is Enough?â€• Lecture Notes in Computer Science, 2017, , 108-115.	1.0	1

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145	An elliptic PDE approach for shape characterization. , 2004, 2004, 1521-4.		0
146	A framework for joint image-and-shape analysis. , 2014, 9034, 90340V.		0
147	Pairwise, Ordinal Outlier Detection ofÂTraumatic Brain Injuries. Lecture Notes in Computer Science, 2018, 10670, 100-110.	1.0	0
148	O6.4. AUDITORY AND LANGUAGE AREAS DISTINGUISH CONVERTERS FROM NONâ€"CONVERTERS AT BASELINE IN SHARP CLINICAL HIGH-RISK SUBJECTS FOR PSYCHOSIS STUDY. Schizophrenia Bulletin, 2018, 44, S90-S91.	2.3	0
149	M155. RECIPROCAL CHANGES IN WHITE MATTER MICROSTRUCTURE IN 22Q11.2 DELETION AND DUPLICATION SYNDROME. Schizophrenia Bulletin, 2020, 46, S194-S195.	2.3	0
150	M162. FRONTO-STRIATAL-THALAMIC CIRCUITRY ABNORMALITIES IN WHITE MATTER TRACTS IN INDIVIDUALS WITH 22Q11.2 DELETION SYNDROME. Schizophrenia Bulletin, 2020, 46, S197-S198.	2.3	0
151	Agglomerative Region-Based Analysis. , 2020, , .		0
152	Characterizing the Shape of Anatomical Structures with Poissonâ€™s Equation. Lecture Notes in Computer Science, 2004, , 266-273.	1.0	0
153	STUDYING ANATOMY AND DISEASE IN MEDICAL IMAGES USING SHAPE ANALYSIS. , 2005, , 329-361.		0
154	Statistical Shape Analysis for Population Studies via Level-Set Based Shape Morphing. Lecture Notes in Computer Science, 2012, , 42-51.	1.0	0
155	Microstructural Alterations of the Auditory nerve and Central auditory pathways in unilateral sensorineural hearing deficiency â€" a DTI study. Laryngo- Rhino- Otologie, 2020, 99, .	0.2	0
156	O5.6. ADVANCED DIFFUSION IMAGING IN PSYCHOSIS RISK: A CROSS-SECTIONAL AND LONGITUDINAL STUDY OF WHITE MATTER DEVELOPMENT. Schizophrenia Bulletin, 2020, 46, S13-S13.	2.3	0
157	Quantifying and Examining Reserve in Symptomatic Former National Football League Players. Journal of Alzheimer's Disease, 2021, , 1-15.	1.2	0
158	EM Segmentation: Automatic Tissue Class Intensity Initialization Using K-means. , 2011, , .		0
159	On Diffusion Tensor Estimation. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0