

Rail San JosÃ© EstÃ©par

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4156525/publications.pdf>

Version: 2024-02-01

299
papers

10,471
citations

41323

49
h-index

49868

87
g-index

311
all docs

311
docs citations

311
times ranked

10312
citing authors

#	ARTICLE	IF	CITATIONS
1	Significant Spirometric Transitions and Preserved Ratio Impaired Spirometry Among Ever Smokers. <i>Chest</i> , 2022, 161, 651-661.	0.4	33
2	Longitudinal Association Between Muscle Loss and Mortality in Ever Smokers. <i>Chest</i> , 2022, 161, 960-970.	0.4	18
3	Alpha-1 Antitrypsin MZ Heterozygosity Is an Endotype of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 313-323.	2.5	21
4	The association of lung function and pulmonary vasculature volume with cardiorespiratory fitness in the community. <i>European Respiratory Journal</i> , 2022, 60, 2101821.	3.1	4
5	Interstitial lung abnormalities are associated with decreased mean telomere length. <i>European Respiratory Journal</i> , 2022, 60, 2101814.	3.1	8
6	Artificial intelligence in functional imaging of the lung. <i>British Journal of Radiology</i> , 2022, 95, 20210527.	1.0	8
7	Left atrial contractile strain predicts recurrence of atrial tachyarrhythmia after catheter ablation. <i>International Journal of Cardiology</i> , 2022, 358, 51-57.	0.8	14
8	Traction Bronchiectasis/Bronchiolectasis on CT Scans in Relationship to Clinical Outcomes and Mortality: The COPDGene Study. <i>Radiology</i> , 2022, 304, 694-701.	3.6	13
9	Deep learning-based lesion subtyping and prediction of clinical outcomes in COVID-19 pneumonia using chest CT. <i>Scientific Reports</i> , 2022, 12, .	1.6	8
10	Association of Pulmonary Function With Late-Life Cardiac Function and Heart Failure Risk: The ARIC Study. <i>Journal of the American Heart Association</i> , 2022, 11, .	1.6	2
11	Association of quantitative CT lung density measurements and lung function decline in World Trade Center workers. <i>Clinical Respiratory Journal</i> , 2021, 15, 613-621.	0.6	5
12	Paired CT Measures of Emphysema and Small Airways Disease and Lung Function and Exercise Capacity in Smokers with Radiographic Bronchiectasis. <i>Academic Radiology</i> , 2021, 28, 370-378.	1.3	10
13	Pulmonary Vascular Pruning on Computed Tomography and Risk of Death in the Framingham Heart Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 251-254.	2.5	9
14	Qualitative emphysema and risk of COPD hospitalization in a multicenter CT lung cancer screening cohort study. <i>Respiratory Medicine</i> , 2021, 176, 106245.	1.3	7
15	Distinguishing Smoking-Related Lung Disease Phenotypes Via Imaging and Molecular Features. <i>Chest</i> , 2021, 159, 549-563.	0.4	6
16	Vascular Pruning on CT and Interstitial Lung Abnormalities in the Framingham Heart Study. <i>Chest</i> , 2021, 159, 663-672.	0.4	12
17	Arterial vascular volume changes with haemodynamics in schistosomiasis-associated pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2021, 57, 2003914.	3.1	3
18	Progression of traction bronchiectasis/bronchiolectasis in interstitial lung abnormalities is associated with increased all-cause mortality: Age Gene/Environment Susceptibility-Reykjavik Study. <i>European Journal of Radiology Open</i> , 2021, 8, 100334.	0.7	15

#	ARTICLE	IF	CITATIONS
19	Respiratory exacerbations are associated with muscle loss in current and former smokers. <i>Thorax</i> , 2021, 76, 554-560.	2.7	20
20	Ambient air pollution exposure and radiographic pulmonary vascular volumes. <i>Environmental Epidemiology</i> , 2021, 5, e143.	1.4	2
21	Relationship between Emphysema Progression at CT and Mortality in Ever-Smokers: Results from the COPDGene and ECLIPSE Cohorts. <i>Radiology</i> , 2021, 299, 222-231.	3.6	27
22	Emphysema Progression and Lung Function Decline Among Angiotensin Converting Enzyme Inhibitors and Angiotensin-Receptor Blockade Users in the COPDGene Cohort. <i>Chest</i> , 2021, 160, 1245-1254.	0.4	9
23	Relative Predictive Value of Circulating Immune Markers in US Adults Without Cardiovascular Disease: Implications for Risk Reclassification. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1812-1821.	1.4	5
24	Association between Cardiorespiratory Fitness and Bronchiectasis at CT: A Long-term Population-based Study of Healthy Young Adults Aged 18â€“30 Years in the CARDIA Study. <i>Radiology</i> , 2021, 300, 190-196.	3.6	0
25	Study protocol for a national cohort of adults focused on respiratory health: the American Lung Association Lung Health Cohort (ALA-LHC) Study. <i>BMJ Open</i> , 2021, 11, e053342.	0.8	2
26	A simple assessment of lung nodule location for reduction in unnecessary invasive procedures. <i>Journal of Thoracic Disease</i> , 2021, 13, 4207-4216.	0.6	0
27	Quantification of Arterial and Venous Morphologic Markers in Pulmonary Arterial Hypertension Using CT Imaging. <i>Chest</i> , 2021, 160, 2220-2231.	0.4	13
28	Pulmonary Arterial Pruning and Longitudinal Change in Percent Emphysema and Lung Function. <i>Chest</i> , 2021, 160, 470-480.	0.4	17
29	Loss of Pulmonary Vascular Volume as a Predictor of Right Ventricular Dysfunction and Mortality in Acute Pulmonary Embolism. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012347.	1.3	9
30	The Association Between Lung Hyperinflation and Coronary Artery Disease in Smokers. <i>Chest</i> , 2021, 160, 858-871.	0.4	7
31	Small Airway Disease and Emphysema Are Associated with Future Exacerbations in Smokers with CT-derived Bronchiectasis and COPD: Results from the COPDGene Cohort. <i>Radiology</i> , 2021, 300, 706-714.	3.6	16
32	Harmonization of inâ€“plane resolution in CT using multiple reconstructions from single acquisitions. <i>Medical Physics</i> , 2021, 48, 6941-6961.	1.6	0
33	QIBA guidance: Computed tomography imaging for COVID-19 quantitative imaging applications. <i>Clinical Imaging</i> , 2021, 77, 151-157.	0.8	11
34	Evolution of Obstructive Lung Function in Advanced Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 1478-1481.	2.5	4
35	Artificial Intelligence in COPD: New Venues to Study a Complex Disease. <i>Barcelona Respiratory Network</i> , 2021, 6, 144-160.	0.5	2
36	Vascular remodeling of the small pulmonary arteries and measures of vascular pruning on computed tomography. <i>Pulmonary Circulation</i> , 2021, 11, 1-9.	0.8	6

#	ARTICLE	IF	CITATIONS
37	Estimated Ventricular Size, Asthma Severity, and Exacerbations. <i>Chest</i> , 2020, 157, 258-267.	0.4	4
38	Ventilation Heterogeneity and Its Association with Nodule Formation Among Participants in the National Lung Screening Trial—A Preliminary Investigation. <i>Academic Radiology</i> , 2020, 27, 630-635.	1.3	0
39	Adult Life-Course Trajectories of Lung Function and the Development of Emphysema: The CARDIA Lung Study. <i>American Journal of Medicine</i> , 2020, 133, 222-230.e11.	0.6	27
40	Disease Progression Modeling in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 294-302.	2.5	56
41	Biomarker Localization From Deep Learning Regression Networks. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 2121-2132.	5.4	16
42	Machine Learning Characterization of COPD Subtypes. <i>Chest</i> , 2020, 157, 1147-1157.	0.4	44
43	Phenotypic characterisation of early COPD: a prospective case-control study. <i>ERJ Open Research</i> , 2020, 6, 00047-2020.	1.1	21
44	Position paper on COVID-19 imaging and AI: From the clinical needs and technological challenges to initial AI solutions at the lab and national level towards a new era for AI in healthcare. <i>Medical Image Analysis</i> , 2020, 66, 101800.	7.0	44
45	Traction Bronchiectasis/Bronchiolectasis is Associated with Interstitial Lung Abnormality Mortality. <i>European Journal of Radiology</i> , 2020, 129, 109073.	1.2	38
46	Statistical characterization of the linear attenuation coefficient in polychromatic CT scans. <i>Medical Physics</i> , 2020, 47, 5568-5581.	1.6	3
47	Quantitative Pectoralis Muscle Area is Associated with the Development of Lung Cancer in a Large Lung Cancer Screening Cohort. <i>Lung</i> , 2020, 198, 847-853.	1.4	9
48	Tumor density is associated with response to endobronchial ultrasound-guided transbronchial needle injection of cisplatin. <i>Journal of Thoracic Disease</i> , 2020, 12, 4825-4832.	0.6	6
49	Machine Learning and Prediction of All-Cause Mortality in COPD. <i>Chest</i> , 2020, 158, 952-964.	0.4	62
50	Smaller Left Ventricle Size at Noncontrast CT Is Associated with Lower Mortality in COPD Gene Participants. <i>Radiology</i> , 2020, 296, 208-215.	3.6	6
51	Estimating Local Tissue Expansion in Thoracic Computed Tomography Images Using Convolutional Neural Networks. , 2020, , .		3
52	SlicerDMRI: Diffusion MRI and Tractography Research Software for Brain Cancer Surgery Planning and Visualization. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 299-309.	1.0	52
53	An open-source framework for pulmonary fissure completeness assessment. <i>Computerized Medical Imaging and Graphics</i> , 2020, 83, 101712.	3.5	2
54	Evidence for Expanding Invasive Mediastinal Staging for Peripheral T1 Lung Tumors. <i>Chest</i> , 2020, 158, 2192-2199.	0.4	16

#	ARTICLE	IF	CITATIONS
55	Interstitial lung abnormalities detected incidentally on CT: a Position Paper from the Fleischner Society. <i>Lancet Respiratory Medicine</i> , 2020, 8, 726-737.	5.2	279
56	A Highly Phenotyped Open Access Repository of Alpha-1 Antitrypsin Deficiency Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2020, 15, 242-255.	2.3	17
57	Pulmonary artery enlargement and mortality risk in moderate to severe COPD: results from COPDGene. <i>European Respiratory Journal</i> , 2020, 55, 1901812.	3.1	15
58	Classification of Interstitial Lung Abnormality Patterns with an Ensemble of Deep Convolutional Neural Networks. <i>Scientific Reports</i> , 2020, 10, 338.	1.6	61
59	Luminal Plugging on Chest CT Scan. <i>Chest</i> , 2020, 158, 121-130.	0.4	27
60	Quantitative CT Evidence of Airway Inflammation in WTC Workers and Volunteers with Low FVC Spirometric Pattern. <i>Lung</i> , 2020, 198, 555-563.	1.4	13
61	Generative-based airway and vessel morphology quantification on chest CT images. <i>Medical Image Analysis</i> , 2020, 63, 101691.	7.0	11
62	Functional-Consistent CycleGAN for CT to Iodine Perfusion Map Translation. <i>Lecture Notes in Computer Science</i> , 2020, , 109-117.	1.0	2
63	Multi-cavity Heart Segmentation in Non-contrast Non-ECG Gated CT Scans with F-CNN. <i>Lecture Notes in Computer Science</i> , 2020, , 14-23.	1.0	1
64	Chest Imaging for Precision Medicine. <i>Respiratory Medicine</i> , 2020, , 107-115.	0.1	0
65	MRI to CTA Translation for Pulmonary Artery Evaluation Using CycleGANs Trained with Unpaired Data. <i>Lecture Notes in Computer Science</i> , 2020, , 118-129.	1.0	0
66	A SR-NET 3D-to-2D Architecture For Paraseptal Emphysema Segmentation. , 2019, 2019, 303-306.		2
67	Localizing Image-Based Biomarker Regression Without Training Masks: A New Approach to Biomarker Discovery. , 2019, 2019, 679-682.		0
68	Pulmonary vascular density: comparison of findings on computed tomography imaging with histology. <i>European Respiratory Journal</i> , 2019, 54, 1900370.	3.1	47
69	Increased pulmonary artery diameter is associated with reduced FEV ₁ in former World Trade Center workers. <i>Clinical Respiratory Journal</i> , 2019, 13, 614-623.	0.6	5
70	B Cell Adaptive Immune Profile in Emphysema-Predominant Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1434-1439.	2.5	22
71	Association of Obesity with Quantitative Chest CT Measured Airway Wall Thickness in WTC Workers with Lower Airway Disease. <i>Lung</i> , 2019, 197, 517-522.	1.4	4
72	Radiographic pulmonary vessel volume, lung function and airways disease in the Framingham Heart Study. <i>European Respiratory Journal</i> , 2019, 54, 1900408.	3.1	28

#	ARTICLE	IF	CITATIONS
73	Semi-quantitative visual assessment of chest radiography is associated with clinical outcomes in critically ill patients. <i>Respiratory Research</i> , 2019, 20, 218.	1.4	12
74	RELATIONSHIP BETWEEN LOSS OF PULMONARY VASCULAR VOLUME AND RV/LV RATIO IN ACUTE PULMONARY EMBOLISM. <i>Chest</i> , 2019, 156, A1183.	0.4	0
75	Regression of The Navier-Stokes Equation Solutions For Pulmonary Airway Flow Using Neural Networks. , 2019, 2019, 1229-1233.		0
76	Harmonization of chest CT scans for different doses and reconstruction methods. <i>Medical Physics</i> , 2019, 46, 3117-3132.	1.6	8
77	The St. George's Respiratory Questionnaire Definition of Chronic Bronchitis May Be a Better Predictor of COPD Exacerbations Compared With the Classic Definition. <i>Chest</i> , 2019, 156, 685-695.	0.4	40
78	Arterial Vascular Pruning, Right Ventricular Size, and Clinical Outcomes in Chronic Obstructive Pulmonary Disease. A Longitudinal Observational Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 454-461.	2.5	73
79	Cigarette Smoke Exposure and Radiographic Pulmonary Vascular Morphology in the Framingham Heart Study. <i>Annals of the American Thoracic Society</i> , 2019, 16, 698-706.	1.5	16
80	Objectively Measured Chronic Lung Injury on Chest CT. <i>Chest</i> , 2019, 156, 1149-1159.	0.4	9
81	DISTAL PARENCHYMAL VASCULAR VOLUME LOSS IN CLINICAL CT IMAGING AS A PREDICTOR OF LONG-TERM OXYGEN REQUIREMENT AFTER SUBMASSIVE PULMONARY EMBOLISM. <i>Chest</i> , 2019, 156, A16-A17.	0.4	0
82	Quantification and Significance of Pulmonary Vascular Volume in Predicting Response to Ultrasound-Facilitated, Catheter-Directed Fibrinolysis in Acute Pulmonary Embolism (SEATTLE-3D). <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009903.	1.3	13
83	Increased Airway Wall Thickness in Interstitial Lung Abnormalities and Idiopathic Pulmonary Fibrosis. <i>Annals of the American Thoracic Society</i> , 2019, 16, 447-454.	1.5	20
84	A graph-cut approach for pulmonary artery-vein segmentation in noncontrast CT images. <i>Medical Image Analysis</i> , 2019, 52, 144-159.	7.0	24
85	Using a spatial point process framework to characterize lung computed tomography scans. <i>Spatial Statistics</i> , 2019, 29, 243-267.	0.9	2
86	Quantification of the Pulmonary Vascular Response to Inhaled Nitric Oxide Using Noncontrast Computed Tomography Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008338.	1.3	11
87	Integrative Genomics Analysis Identifies ACVR1B as a Candidate Causal Gene of Emphysema Distribution. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 388-398.	1.4	15
88	Imaging Advances in Chronic Obstructive Pulmonary Disease. Insights from the Genetic Epidemiology of Chronic Obstructive Pulmonary Disease (COPDGene) Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 286-301.	2.5	100
89	COPDGene® 2019: Redefining the Diagnosis of Chronic Obstructive Pulmonary Disease. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019, 6, 384-399.	0.5	112
90	Identification of an emphysema-associated genetic variant near TGFB2 with regulatory effects in lung fibroblasts. <i>ELife</i> , 2019, 8, .	2.8	21

#	ARTICLE	IF	CITATIONS
91	Bronchial Cartilage Assessment with Model-Based GAN Regressor. Lecture Notes in Computer Science, 2019, 11769, 357-365.	1.0	1
92	Targeting Precision with Data Augmented Samples in Deep Learning. Lecture Notes in Computer Science, 2019, 11769, 284-292.	1.0	1
93	Abdominal Aortic Aneurysm Segmentation Using Convolutional Neural Networks Trained with Images Generated with a Synthetic Shape Model. Lecture Notes in Computer Science, 2019, 11794, 167-174.	1.0	3
94	Longitudinal Modeling of Lung Function Trajectories in Smokers with and without Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1033-1042.	2.5	38
95	Pruning of the Pulmonary Vasculature in Asthma. The Severe Asthma Research Program (SARP) Cohort. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 39-50.	2.5	51
96	Reply to Mummadi <i>et al.</i> : Overfitting and Use of Mismatched Cohorts in Deep Learning Models: Preventable Design Limitations. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 545-545.	2.5	3
97	Association between acute respiratory disease events and the <i>MUC5B</i> promoter polymorphism in smokers. Thorax, 2018, 73, 1071-1074.	2.7	13
98	Respiratory Symptoms in Young Adults and Future Lung Disease. The CARDIA Lung Study. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1616-1624.	2.5	62
99	Exposure to Traffic Emissions and Fine Particulate Matter and Computed Tomography Measures of the Lung and Airways. Epidemiology, 2018, 29, 333-341.	1.2	15
100	Asthma Is a Risk Factor for Respiratory Exacerbations Without Increased Rate of Lung Function Decline. Chest, 2018, 153, 368-377.	0.4	14
101	Autocalibration method for non-stationary CT bias correction. Medical Image Analysis, 2018, 44, 115-125.	7.0	8
102	Pectoralis muscle area and mortality in smokers without airflow obstruction. Respiratory Research, 2018, 19, 62.	1.4	41
103	Blood eosinophil count thresholds and exacerbations in patients with chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2018, 141, 2037-2047.e10.	1.5	138
104	Disease Severity Dependence of the Longitudinal Association Between CT Lung Density and Lung Function in Smokers. Chest, 2018, 153, 638-645.	0.4	16
105	Lobar Emphysema Distribution Is Associated With 5-Year Radiological Disease Progression. Chest, 2018, 153, 65-76.	0.4	36
106	Disease Staging and Prognosis in Smokers Using Deep Learning in Chest Computed Tomography. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 193-203.	2.5	189
107	MUSCLE QUALITY IS REDUCED IN SMOKERS WITH BRONCHIECTASIS. Chest, 2018, 154, 727A.	0.4	0
108	Pulmonary vascular pruning in smokers with bronchiectasis. ERJ Open Research, 2018, 4, 00044-2018.	1.1	19

#	ARTICLE	IF	CITATIONS
109	Deep learning for biomarker regression: application to osteoporosis and emphysema on chest CT scans. , 2018, 10574, .		13
110	Automated Agatston score computation in non-ECG gated CT scans using deep learning. , 2018, 10574, .		37
111	3D Pulmonary Artery Segmentation from CTA Scans Using Deep Learning with Realistic Data Augmentation. Lecture Notes in Computer Science, 2018, 11040, 225-237.	1.0	13
112	A CT Scan Harmonization Technique to Detect Emphysema and Small Airway Diseases. Lecture Notes in Computer Science, 2018, 11040, 180-190.	1.0	1
113	Accurate Measurement of Airway Morphology on Chest CT Images. Lecture Notes in Computer Science, 2018, 11040, 335-347.	1.0	5
114	Emphysema quantification on simulated X-rays through deep learning techniques. , 2018, 2018, 273-276.		13
115	Identification of Chronic Obstructive Pulmonary Disease Axes That Predict All-Cause Mortality. American Journal of Epidemiology, 2018, 187, 2109-2116.	1.6	25
116	Increased Airway Wall Thickness is Associated with Adverse Longitudinal Firstâ€“Second Forced Expiratory Volume Trajectories of Former World Trade Center workers. Lung, 2018, 196, 481-489.	1.4	15
117	Pulmonary Arteryâ€“Vein Classification in CT Images Using Deep Learning. IEEE Transactions on Medical Imaging, 2018, 37, 2428-2440.	5.4	129
118	Emphysema classification using a multi-view convolutional network. , 2018, 2018, 519-522.		11
119	Interstitial Features at Chest CT Enhance the Deleterious Effects of Emphysema in the COPDGene Cohort. Radiology, 2018, 288, 600-609.	3.6	37
120	Longitudinal Phenotypes and Mortality in Preserved Ratio Impaired Spirometry in the COPDGene Study. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1397-1405.	2.5	132
121	NOVIFAST: A Fast Algorithm for Accurate and Precise VFA MRI &inline-formula> </tex-math notation="LaTeX">\${T}_{1}\$ </tex-math> </inline-formula> Mapping. IEEE Transactions on Medical Imaging, 2018, 37, 2414-2427.	5.4	10
122	Multi-structure Segmentation from Partially Labeled Datasets. Application to Body Composition Measurements on CT Scans. Lecture Notes in Computer Science, 2018, 11040, 215-224.	1.0	11
123	Diffeomorphic Lung Registration Using Deep CNNs and Reinforced Learning. Lecture Notes in Computer Science, 2018, 11040, 284-294.	1.0	7
124	Multiorgan structures detection using deep convolutional neural networks. , 2018, 10574, .		4
125	Airway fractal dimension predicts respiratory morbidity and mortality in COPD. Journal of Clinical Investigation, 2018, 128, 5374-5382.	3.9	38
126	On the Relevance of the Loss Function in the Agatston Score Regression from Non-ECG Gated CT Scans. Lecture Notes in Computer Science, 2018, 11040, 326-334.	1.0	4

#	ARTICLE	IF	CITATIONS
127	Statistical Framework for the Definition of Emphysema in CT Scans: Beyond Density Mask. Lecture Notes in Computer Science, 2018, 11071, 821-829.	1.0	0
128	Obesity modifies the effect of WTC exposure on quantitative chest CT measured airway wall thickness. , 2018, , .		0
129	Small Airway Imaging Abnormalities in Smokers with Bronchiectasis. , 2018, , .		0
130	Objective CT measurements of the bronchovascular bundle in smokers with bronchiectasis. , 2018, , .		0
131	CT Based Arterial and Venous Morphologic Changes In Pulmonary Hypertension Associated with COPD. , 2018, , .		0
132	Lower Pectoralis Muscle Area Is Associated with a Worse Overall Survival in Non-“Small Cell Lung Cancer. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 38-43.	1.1	61
133	Quantitative computed tomography assessment of bronchiolitis obliterans syndrome after lung transplantation. Clinical Transplantation, 2017, 31, e12943.	0.8	10
134	Genetic Association and Risk Scores in a Chronic Obstructive Pulmonary Disease Meta-analysis of 16,707 Subjects. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 35-46.	1.4	55
135	Cardiac Morphometry on Computed Tomography and Exacerbation Reduction with β -Blocker Therapy in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1484-1488.	2.5	16
136	Quantitative CT Measures of Bronchiectasis in Smokers. Chest, 2017, 151, 1255-1262.	0.4	55
137	Statistical characterization of noise for spatial standardization of CT scans: Enabling comparison with multiple kernels and doses. Medical Image Analysis, 2017, 40, 44-59.	7.0	14
138	Clinical and Genetic Associations of Objectively Identified Interstitial Changes in Smokers. Chest, 2017, 152, 780-791.	0.4	37
139	Deep-learning strategy for pulmonary artery-vein classification of non-contrast CT images. , 2017, , .		10
140	3D Printing and Personalized Airway Stents. Pulmonary Therapy, 2017, 3, 59-66.	1.1	30
141	Semiautomated biventricular segmentation in three-dimensional echocardiography by coupled deformable surfaces. Journal of Medical Imaging, 2017, 4, 024005.	0.8	6
142	Densitometric and local histogram based analysis of computed tomography images in patients with idiopathic pulmonary fibrosis. Respiratory Research, 2017, 18, 45.	1.4	70
143	Ventricular Geometry From Non-contrast Non-ECG-gated CT Scans. Academic Radiology, 2017, 24, 594-602.	1.3	19
144	Lung Mass in Smokers. Academic Radiology, 2017, 24, 386-392.	1.3	15

#	ARTICLE	IF	CITATIONS
145	The Objective Identification and Quantification of Interstitial Lung Abnormalities in Smokers. <i>Academic Radiology</i> , 2017, 24, 941-946.	1.3	37
146	The <i>MUC5B</i> promoter polymorphism is associated with specific interstitial lung abnormality subtypes. <i>European Respiratory Journal</i> , 2017, 50, 1700537.	3.1	55
147	Chest computed tomography-derived low-fat-free mass index and mortality in COPD. <i>European Respiratory Journal</i> , 2017, 50, 1701134.	3.1	53
148	SlicerDMRI: Open Source Diffusion MRI Software for Brain Cancer Research. <i>Cancer Research</i> , 2017, 77, e101-e103.	0.4	89
149	Visual Assessment of Chest Computed Tomographic Images Is Independently Useful for Genetic Association Analysis in Studies of Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2017, 14, 33-40.	1.5	15
150	Bronchoarterial ratio in never-smokers adults: Implications for bronchial dilation definition. <i>Respirology</i> , 2017, 22, 108-113.	1.3	28
151	A Bayesian Nonparametric Model for Disease Subtyping: Application to Emphysema Phenotypes. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 343-354.	5.4	17
152	Loss of Small Vessel Volume Fraction as a Marker for Pulmonary Hypertension in COPD. <i>Chest</i> , 2017, 152, A986.	0.4	0
153	Changes in Intraparenchymal Small Vessel Density and Its Relation to Echocardiographic Findings and Cardiac Biomarkers in Patients With Acute Pulmonary Embolism. <i>Chest</i> , 2017, 152, A1042.	0.4	0
154	Application of the 3D slicer chest imaging platform segmentation algorithm for large lung nodule delineation. <i>PLoS ONE</i> , 2017, 12, e0178944.	1.1	35
155	Differences in Respiratory Symptoms and Lung Structure Between Hispanic and Non-Hispanic White Smokers: A Comparative Study. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2017, 4, 297-304.	0.5	3
156	Inferring Disease Status by Non-parametric Probabilistic Embedding. <i>Lecture Notes in Computer Science</i> , 2017, , 49-57.	1.0	0
157	Repeatability of real world, non-research chest CT scan-based lung density metrics. , 2017, , .		0
158	Discordant and concordant FOT-spirometry phenotypes in a COPD population. , 2017, , .		0
159	Implementation and Performance of Automated Software for Computing Right-to-Left Ventricular Diameter Ratio From Computed Tomography Pulmonary Angiography Images. <i>Journal of Computer Assisted Tomography</i> , 2016, 40, 387-392.	0.5	10
160	Multi-atlas and label fusion approach for patient-specific MRI based skull estimation. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1797-1807.	1.9	21
161	Changes in Intraparenchymal Arterial and Venous Blood Distribution Quantified From CT Scans in PAH. <i>Chest</i> , 2016, 150, 1175A.	0.4	0
162	Magnetic resonance imaging provides sensitive in vivo assessment of experimental ventilator-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L208-L218.	1.3	16

#	ARTICLE	IF	CITATIONS
163	Arterial and Venous Pulmonary Vascular Morphology and Their Relationship to Findings in Cardiac Magnetic Resonance Imaging in Smokers. <i>Journal of Computer Assisted Tomography</i> , 2016, 40, 948-952.	0.5	21
164	Changes in Intraparenchymal Arterial and Venous Blood Distribution Quantified From CT Scans in Pulmonary Hypertension With Elevated Wedge Pressure. <i>Chest</i> , 2016, 150, 1179A.	0.4	1
165	Robust spatio-temporal registration of 4D cardiac ultrasound sequences. <i>Proceedings of SPIE</i> , 2016, 9790, .	0.8	5
166	Distinct emphysema subtypes defined by quantitative CT analysis are associated with specific pulmonary matrix metalloproteinases. <i>Respiratory Research</i> , 2016, 17, 92.	1.4	29
167	Automated Agatston score computation in a large dataset of non ECG-gated chest computed tomography. , 2016, 2016, 53-57.		19
168	A Novel Spirometric Measure Identifies Mild COPD Unidentified by Standard Criteria. <i>Chest</i> , 2016, 150, 1080-1090.	0.4	39
169	Increasing the impact of medical image computing using community-based open-access hackathons: The NA-MIC and 3D Slicer experience. <i>Medical Image Analysis</i> , 2016, 33, 176-180.	7.0	58
170	Pulmonary Vascular Morphology as an Imaging Biomarker in Chronic Thromboembolic Pulmonary Hypertension. <i>Pulmonary Circulation</i> , 2016, 6, 70-81.	0.8	47
171	Computer keyboard interaction as an indicator of early Parkinson's disease. <i>Scientific Reports</i> , 2016, 6, 34468.	1.6	78
172	Clinical, physiologic, and radiographic factors contributing to development of hypoxemia in moderate to severe COPD: a cohort study. <i>BMC Pulmonary Medicine</i> , 2016, 16, 169.	0.8	21
173	Derivation of a test statistic for emphysema quantification. , 2016, 2016, 1269-1273.		1
174	Development and Progression of Interstitial Lung Abnormalities in the Framingham Heart Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 1514-1522.	2.5	233
175	Computed Tomographic Airway Morphology in Chronic Obstructive Pulmonary Disease. Remodeling or Innate Anatomy?. <i>Annals of the American Thoracic Society</i> , 2016, 13, 4-9.	1.5	16
176	Three-dimensional Printing and 3D Slicer. <i>Chest</i> , 2016, 149, 1136-1142.	0.4	95
177	Association Between Interstitial Lung Abnormalities and All-Cause Mortality. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 672.	3.8	333
178	A Robust Emphysema Severity Measure Based on Disease Subtypes. <i>Academic Radiology</i> , 2016, 23, 421-428.	1.3	7
179	Unsupervised Discovery of Emphysema Subtypes in a Large Clinical Cohort. <i>Lecture Notes in Computer Science</i> , 2016, 10019, 180-187.	1.0	22
180	Common Genetic Polymorphisms Influence Blood Biomarker Measurements in COPD. <i>PLoS Genetics</i> , 2016, 12, e1006011.	1.5	88

#	ARTICLE	IF	CITATIONS
181	Automatic Synthesis of Anthropomorphic Pulmonary CT Phantoms. PLoS ONE, 2016, 11, e0146060.	1.1	5
182	Quantitative chest CT (QCT) measurements in World Trade Center (WTC) workers and volunteers with accelerated air flow decline. , 2016, , .		0
183	A statistical model to estimate lung density (LD) utilizing oscillometry (OS), biometrics (BM), patient reported outcomes (PRO) and pulmonary function tests (PFT). , 2016, , .		0
184	Automated quantitative 3D analysis of aorta size, morphology, and mural calcification distributions. Medical Physics, 2015, 42, 5467-5478.	1.6	29
185	A comparison of visual and quantitative methods to identify interstitial lung abnormalities. BMC Pulmonary Medicine, 2015, 15, 134.	0.8	39
186	Optimizing parameters of an open-source airway segmentation algorithm using different CT images. BioMedical Engineering OnLine, 2015, 14, 62.	1.3	24
187	Automatic ventricle detection in Computed Tomography Pulmonary Angiography. , 2015, , .		4
188	Understanding the contribution of native tracheobronchial structure to lung function: CT assessment of airway morphology in never smokers. Respiratory Research, 2015, 16, 23.	1.4	20
189	Regional Emphysema of a Non-Small Cell Tumor Is Associated with Larger Tumors and Decreased Survival. Annals of the American Thoracic Society, 2015, 12, 150603140911000.	1.5	16
190	Pulmonary Artery Enlargement Is Associated With Right Ventricular Dysfunction and Loss of Blood Volume in Small Pulmonary Vessels in Chronic Obstructive Pulmonary Disease. Circulation: Cardiovascular Imaging, 2015, 8, .	1.3	48
191	Generative Method to Discover Genetically Driven Image Biomarkers. Lecture Notes in Computer Science, 2015, 24, 30-42.	1.0	8
192	Smart Stylet: The Development and Use of a Bedside External Ventricular Drain Image-Guidance System. Stereotactic and Functional Neurosurgery, 2015, 93, 50-58.	0.8	13
193	A Genome-Wide Association Study of Emphysema and Airway Quantitative Imaging Phenotypes. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 559-569.	2.5	128
194	A Feature-Based Approach to Big Data Analysis of Medical Images. Lecture Notes in Computer Science, 2015, 24, 339-350.	1.0	17
195	Automated Axial Right Ventricle to Left Ventricle Diameter Ratio Computation in Computed Tomography Pulmonary Angiography. PLoS ONE, 2015, 10, e0127797.	1.1	9
196	Abdominal Visceral Adipose Tissue is Associated with Myocardial Infarction in Patients with COPD. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2015, 2, 8-16.	0.5	20
197	Morphologic Response of the Pulmonary Vasculature to Endoscopic Lung Volume Reduction. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2015, 2, 214-222.	0.5	9
198	Chest CT measures of pectoralis muscle area predicts mortality in smokers. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
199	Quantitative chest CT measurements in World Trade Center workers and volunteers. , 2015, , .		0
200	Oscillometry changes with body position and correlates with TLC and lung density. , 2015, , .		0
201	Establishing clinically meaningful cutoffs for %emphysema and %gas trapping in quantitative chest CT scans. , 2015, , .		0
202	Pectoralis Muscle Segmentation on CT Images Based on Bayesian Graph Cuts with a Subject-Tailored Atlas. Lecture Notes in Computer Science, 2014, , 34-44.	1.0	4
203	DNAH5 is associated with total lung capacity in chronic obstructive pulmonary disease. Respiratory Research, 2014, 15, 97.	1.4	33
204	Genetic susceptibility for chronic bronchitis in chronic obstructive pulmonary disease. Respiratory Research, 2014, 15, 113.	1.4	51
205	Non-emphysematous chronic obstructive pulmonary disease is associated with diabetes mellitus. BMC Pulmonary Medicine, 2014, 14, 164.	0.8	55
206	Childhood-Onset Asthma in Smokers. Association between CT Measures of Airway Size, Lung Function, and Chronic Airflow Obstruction. Annals of the American Thoracic Society, 2014, 11, 1371-1378.	1.5	18
207	Genome-Wide Association Identifies Regulatory Loci Associated with Distinct Local Histogram Emphysema Patterns. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 399-409.	2.5	77
208	Airway labeling using a Hidden Markov Tree Model. , 2014, 2014, 554-558.		1
209	Common Genetic Variants Associated with Resting Oxygenation in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 678-687.	1.4	19
210	Pneumothorax Risk Factors in Smokers with and without Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2014, 11, 1387-1394.	1.5	33
211	Extended Gabor approach applied to classification of emphysematous patterns in computed tomography. Medical and Biological Engineering and Computing, 2014, 52, 393-403.	1.6	14
212	Ranking and classification of monotonic emphysema patterns with a multi-class hierarchical approach. , 2014, 2014, 1031-1034.		1
213	Chest CT Measures of Muscle and Adipose Tissue in COPD. Academic Radiology, 2014, 21, 1255-1261.	1.3	50
214	Comparing algorithms for automated vessel segmentation in computed tomography scans of the lung: the VESSEL12 study. Medical Image Analysis, 2014, 18, 1217-1232.	7.0	131
215	Epidemiology, genetics, and subtyping of preserved ratio impaired spirometry (PRISm) in COPD. Respiratory Research, 2014, 15, 89.	1.4	196
216	Quantitative Computed Tomography Measures of Pectoralis Muscle Area and Disease Severity in Chronic Obstructive Pulmonary Disease. A Cross-Sectional Study. Annals of the American Thoracic Society, 2014, 11, 326-334.	1.5	168

#	ARTICLE	IF	CITATIONS
217	Preoperative Pulmonary Vascular Morphology and Its Relationship to Postpneumonectomy Hemodynamics. <i>Academic Radiology</i> , 2014, 21, 704-710.	1.3	0
218	Invasive adenocarcinoma of the lung is associated with the upper lung regions. <i>Lung Cancer</i> , 2014, 84, 145-150.	0.9	31
219	Prediction of Acute Respiratory Disease in Current and Former Smokers With and Without COPD. <i>Chest</i> , 2014, 146, 941-950.	0.4	71
220	Surgical Workflow Analysis, Design and Development of an Image-Based Navigation System for Endoscopic Interventions. <i>Lecture Notes in Computer Science</i> , 2014, , 91-98.	1.0	0
221	Paired inspiratory-expiratory chest CT scans to assess for small airways disease in COPD. <i>Respiratory Research</i> , 2013, 14, 42.	1.4	93
222	Comparative study of NOTES alone versus NOTES guided by a new image registration system for navigation in the mediastinum: a study in a porcine model. <i>Gastrointestinal Endoscopy</i> , 2013, 77, 102-107.	0.5	10
223	Computed Tomographic Measures of Pulmonary Vascular Morphology in Smokers and Their Clinical Implications. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 231-239.	2.5	188
224	Distinct Quantitative Computed Tomography Emphysema Patterns Are Associated with Physiology and Function in Smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 1083-1090.	2.5	118
225	<i>MUC5B</i> Promoter Polymorphism and Interstitial Lung Abnormalities. <i>New England Journal of Medicine</i> , 2013, 368, 2192-2200.	13.9	358
226	Modeling airway probability. , 2013, , .		2
227	Emphysema classification based on embedded probabilistic PCA. , 2013, 2013, 3969-72.		5
228	Diffeomorphic point set registration using non-stationary mixture models. , 2013, , .		2
229	Application of High-Resolution CT Imaging Data to Lung Cancer Drug Development: Measuring Progress: Workshop IX. <i>Journal of Thoracic Oncology</i> , 2013, 8, 1352-1355.	0.5	3
230	Effect of Emphysema on CT Scan Measures of Airway Dimensions in Smokers. <i>Chest</i> , 2013, 143, 687-693.	0.4	26
231	Pulmonary lobe segmentation based on ridge surface sampling and shape model fitting. <i>Medical Physics</i> , 2013, 40, 121903.	1.6	21
232	Computational vascular morphometry for the assessment of pulmonary vascular disease based on scale-space particles. , 2012, , 1479-1482.		34
233	Aorta segmentation with a 3D level set approach and quantification of aortic calcifications in non-contrast chest CT. , 2012, 2012, 2343-6.		28
234	Automatic airway analysis for genome-wide association studies in COPD. , 2012, , 1467-1470.		8

#	ARTICLE	IF	CITATIONS
235	Relationship between quantitative CT metrics and health status and BODE in chronic obstructive pulmonary disease. Thorax, 2012, 67, 399-406.	2.7	108
236	Association Between Airway Caliber Changes With Lung Inflation and Emphysema Assessed by Volumetric CT Scan in Subjects With COPD. Chest, 2012, 141, 736-744.	0.4	50
237	Six-Minute Walk Distance Predictors, Including CT Scan Measures, in the COPDGene Cohort. Chest, 2012, 141, 867-875.	0.4	41
238	Statins and Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 547-556.	2.5	133
239	Emphysema quantification in a multi-scanner HRCT cohort using local intensity distributions. , 2012, , 474-477.		43
240	Lung deflation and oxygen pulse in COPD: Results from the NETT randomized trial. Respiratory Medicine, 2012, 106, 109-119.	1.3	33
241	Genome-Wide Association Study For Local Histogram Emphysema Patterns Identifies Loci Near CHRNA3/5 And MMP12/MMP3. , 2012, , .		1
242	Real-time computed tomography-based augmented reality for natural orifice transluminal endoscopic surgery navigation. British Journal of Surgery, 2012, 99, 1246-1253.	0.1	24
243	Optimal real-time estimation in diffusion tensor imaging. Magnetic Resonance Imaging, 2012, 30, 506-517.	1.0	2
244	Gender Differences of Airway Dimensions in Anatomically Matched Sites on CT in Smokers. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2011, 8, 285-292.	0.7	38
245	Intrathoracic Tracheal Volume and Collapsibility on Inspiratory and End-expiratory CT Scans. Academic Radiology, 2011, 18, 299-305.	1.3	28
246	The Relationship between Small Pulmonary Vascular Alteration and Aortic Atherosclerosis in Chronic Obstructive Pulmonary Disease. Academic Radiology, 2011, 18, 40-46.	1.3	44
247	Evaluation of colonoscopy technical skill levels by use of an objective kinematic-based system. Gastrointestinal Endoscopy, 2011, 73, 315-321.e1.	0.5	42
248	Lung Volumes and Emphysema in Smokers with Interstitial Lung Abnormalities. New England Journal of Medicine, 2011, 364, 897-906.	13.9	468
249	The clinical features of the overlap between COPD and asthma. Respiratory Research, 2011, 12, 127.	1.4	362
250	Image Registered Gastroscopic Ultrasound (IRGUS) in human subjects: a pilot study to assess feasibility. Endoscopy, 2011, 43, 394-399.	1.0	16
251	Kurtosis and Skewness of Density Histograms on Inspiratory and Expiratory CT Scans in Smokers. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2011, 8, 13-20.	0.7	22
252	Consistency Of Standard Airway Metrics And A Novel Metric, Airway Power, Across CT Reconstruction Algorithms And Scanning Platforms. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
253	Pulmonary Hypertension and Computed Tomography Measurement of Small Pulmonary Vessels in Severe Emphysema. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 218-225.	2.5	157
254	Physiological and Computed Tomographic Predictors of Outcome from Lung Volume Reduction Surgery. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 494-500.	2.5	42
255	Airway Count and Emphysema Assessed by Chest CT Imaging Predicts Clinical Outcome in Smokers. Chest, 2010, 138, 880-887.	0.4	68
256	Quantitative Assessment of Bronchial Wall Attenuation With Thin-Section CT: An Indicator of Airflow Limitation in Chronic Obstructive Pulmonary Disease. American Journal of Roentgenology, 2010, 195, 363-369.	1.0	40
257	The role of a computed tomography-based image registered navigation system for natural orifice transluminal endoscopic surgery: a comparative study in a porcine model. Endoscopy, 2010, 42, 1096-1103.	1.0	21
258	Collapsibility of Lung Volume by Paired Inspiratory and Expiratory CT Scans. Academic Radiology, 2010, 17, 489-495.	1.3	76
259	Identification of Early Interstitial Lung Disease in Smokers from the COPD Gene Study. Academic Radiology, 2010, 17, 48-53.	1.3	175
260	T1593: The Role of a CT-Based Image Registered Navigation System for Natural Orifice Transluminal Endoscopic Surgery (NOTESĂ©): A Comparative Study in a Porcine Model. Gastrointestinal Endoscopy, 2010, 71, AB317.	0.5	0
261	Quantitative CT Measurement of Cross-sectional Area of Small Pulmonary Vessel in COPD. Academic Radiology, 2010, 17, 93-99.	1.3	123
262	891h: Image Registration in NOTESĂ©: Use of Real Time CT-Based Augmented Reality for NOTESĂ© Navigation and Mapping of Optimal NOTESĂ© Access Sites Using Kinematics in Human Cadavers. Gastrointestinal Endoscopy, 2010, 71, AB139.	0.5	0
263	Relationship of emphysema and airway disease assessed by CT to exercise capacity in COPD. Respiratory Medicine, 2010, 104, 1145-1151.	1.3	50
264	Automatic Lung Lobe Segmentation Using Particles, Thin Plate Splines, and Maximum a Posteriori Estimation. Lecture Notes in Computer Science, 2010, 13, 163-171.	1.0	24
265	New Kinematic Metric for Quantifying Surgical Skill for Flexible Instrument Manipulation. Lecture Notes in Computer Science, 2010, , 81-90.	1.0	3
266	Hidden Markov Model for Quantifying Clinician Expertise in Flexible Instrument Manipulation. Lecture Notes in Computer Science, 2010, , 363-372.	1.0	1
267	Quantitative Airway Assessment on Computed Tomography in Patients with α_1 -antitrypsin Deficiency. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2009, 6, 468-477.	0.7	16
268	Towards real time 2D to 3D registration for ultrasound-guided endoscopic and laparoscopic procedures. International Journal of Computer Assisted Radiology and Surgery, 2009, 4, 549-560.	1.7	26
269	Diffusion tractography of the fornix in schizophrenia. Schizophrenia Research, 2009, 107, 39-46.	1.1	86
270	Sampling and Visualizing Creases with Scale-Space Particles. IEEE Transactions on Visualization and Computer Graphics, 2009, 15, 1415-1424.	2.9	60

#	ARTICLE	IF	CITATIONS
271	Airway wall attenuation: a biomarker of airway disease in subjects with COPD. Journal of Applied Physiology, 2009, 107, 185-191.	1.2	62
272	CT Metrics of Airway Disease and Emphysema in Severe COPD. Chest, 2009, 136, 396-404.	0.4	87
273	Lung Extraction, Lobe Segmentation and Hierarchical Region Assessment for Quantitative Analysis on High Resolution Computed Tomography Images. Lecture Notes in Computer Science, 2009, 12, 690-698.	1.0	59
274	Three-Dimensional Airway Measurements and Algorithms. Proceedings of the American Thoracic Society, 2008, 5, 905-909.	3.5	20
275	Gender Differences in the Severity of CT Emphysema in COPD. Chest, 2007, 132, 464-470.	0.4	155
276	Towards scarless surgery: An endoscopic ultrasound navigation system for transgastric access procedures. Computer Aided Surgery, 2007, 12, 311-324.	1.8	19
277	Interobserver Variability in the Determination of Upper Lobe-Predominant Emphysema. Chest, 2007, 131, 424-431.	0.4	88
278	Geodesic-Loxodromes for Diffusion Tensor Interpolation and Difference Measurement. , 2007, 10, 1-9.		47
279	EUS with CT improves efficiency and structure identification over conventional EUS. Gastrointestinal Endoscopy, 2007, 65, 866-870.	0.5	26
280	Open-Source Environment for Interactive Finite Element Modeling of Optimal ICD Electrode Placement. Lecture Notes in Computer Science, 2007, , 373-382.	1.0	2
281	Towards scarless surgery: An endoscopic ultrasound navigation system for transgastric access procedures. Computer Aided Surgery, 2007, 12, 311-324.	1.8	20
282	On diffusion tensor estimation. , 2006, Suppl, 6707-10.		4
283	Complementary aspects of diffusion imaging and fMRI; I: structure and function. Magnetic Resonance Imaging, 2006, 24, 463-474.	1.0	10
284	Cardiac and Thoracic-Abdominal Surgery. International Journal of Computer Assisted Radiology and Surgery, 2006, 1, 265-292.	1.7	4
285	A Kernel-Based Approach for User-Guided Fiber Bundling using Diffusion Tensor Data. , 2006, 2006, 2626-9.		3
286	On Diffusion Tensor Estimation. , 2006, 2006, 2622-5.		18
287	Image Quality Assessment based on Local Variance. , 2006, 2006, 4815-8.		105
288	Towards Scarless Surgery: An Endoscopic-Ultrasound Navigation System for Transgastric Access Procedures. Lecture Notes in Computer Science, 2006, 9, 445-453.	1.0	6

#	ARTICLE	IF	CITATIONS
289	Accurate Airway Wall Estimation Using Phase Congruency. Lecture Notes in Computer Science, 2006, 9, 125-134.	1.0	49
290	Image Quality Assessment based on Local Variance. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	13
291	On Diffusion Tensor Estimation. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0
292	A Kernel-Based Approach for User-Guided Fiber Bundling using Diffusion Tensor Data. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0
293	Pull-push level sets: a new term to encode prior knowledge for the segmentation of teeth images. , 2005, , .		2
294	Comparison of single-shot echo-planar and line scan protocols for diffusion tensor imaging1. Academic Radiology, 2004, 11, 224-232.	1.3	24
295	Shape of caudate nucleus and its cognitive correlates in neuroleptic-naive schizotypal personality disorder. Biological Psychiatry, 2004, 55, 177-184.	0.7	59
296	A theoretical framework to three-dimensional ultrasound reconstruction from irregularly sampled data. Ultrasound in Medicine and Biology, 2003, 29, 255-269.	0.7	47
297	<title>Reshaping polygonal meshes with smoothed normals extracted from ultrasound volume data: an optimization approach</title>. , 2001, , .		2
298	<title>Kalman filter technique applied to surface reconstruction and visualization from noisy volume data</title>. , 2000, 3982, 396.		0
299	Maximum likelihood contour estimation using beta-statistics in ultrasound images. , 0, , .		1