

Eduard E De Lange

List of Publications by Year in descending order

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14
papers

1,175
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

771
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperpolarized ³ He MR lung ventilation imaging in asthmatics: Preliminary findings. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 378-384.	3.4	316
2	Emphysema: Hyperpolarized Helium 3 Diffusion MR Imaging of the Lungs Compared with Spirometric Indexes—Initial Experience. <i>Radiology</i> , 2002, 222, 252-260.	7.3	302
3	The variability of regional airflow obstruction within the lungs of patients with asthma: Assessment with hyperpolarized helium-3 magnetic resonance imaging. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, 1072-1078.	2.9	161
4	Evaluation of emphysema severity and progression in a rabbit model: comparison of hyperpolarized ³ He and ¹²⁹ Xe diffusion MRI with lung morphometry. <i>Journal of Applied Physiology</i> , 2007, 102, 1273-1280.	2.5	91
5	Assessment of the lung microstructure in patients with asthma using hyperpolarized ³ He diffusion MRI at two time scales: Comparison with healthy subjects and patients with COPD. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 80-88.	3.4	80
6	Use of hyperpolarized helium-3 MRI to assess response to ivacaftor treatment in patients with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2017, 16, 267-274.	0.7	64
7	Safety profile of ultrasmall superparamagnetic iron oxide ferumoxtran-10: Phase II clinical trial data. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 9, 291-294.	3.4	50
8	Hyperpolarized helium-3 magnetic resonance lung imaging of non-sedated infants and young children: a proof-of-concept study. <i>Clinical Imaging</i> , 2017, 45, 105-110.	1.5	31
9	Phenotype of asthmatics with increased airway <i>S</i> -nitrosoglutathione reductase activity. <i>European Respiratory Journal</i> , 2015, 45, 87-97.	6.7	26
10	Emphysema Index Based on Hyperpolarized ³ He or ¹²⁹ Xe Diffusion MRI: Performance and Comparison with Quantitative CT and Pulmonary Function Tests. <i>Radiology</i> , 2020, 297, 201-210.	7.3	20
11	Imaging and clinical characteristics of focal atrophy of segments 2 and 3 in primary sclerosing cholangitis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2001, 16, 220-224.	2.8	14
12	Signal-to-noise ratio, T ₂ , and for hyperpolarized helium-3 MRI of the human lung at three magnetic field strengths. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 1458-1463.	3.0	12
13	Extrahepatic Cholangiocarcinoma: What the Surgeon Needs to Know <i>RadioGraphics Fundamentals</i> Online Presentation. <i>Radiographics</i> , 2018, 38, 2019-2020.	3.3	4
14	An initial investigation of hyperpolarized gas tagging magnetic resonance imaging in evaluating deformable image registration-based lung ventilation. <i>Medical Physics</i> , 2018, 45, 5535-5542.	3.0	4