Barbara Dymerska

List of Publications by Year
in descending order

24	744	623734 14	610901 24
papers	citations	h-index	g-index

25	25	25	1357
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Realâ€time motion and retrospective coil sensitivity correction for CEST using volumetric navigators (vNavs) at 7T. Magnetic Resonance in Medicine, 2021, 85, 1909-1923.	3.0	9
2	Phase unwrapping with a rapid opensource minimum spanning tree algorithm (ROMEO). Magnetic Resonance in Medicine, 2021, 85, 2294-2308.	3.0	48
3	A comparison of static and dynamic â^†B₀ mapping methods for correction of CEST MRI in the presence of temporal B₀ field variations. Magnetic Resonance in Medicine, 2019, 82, 633-646.	3.0	19
4	The Impact of Echo Time Shifts and Temporal Signal Fluctuations on BOLD Sensitivity in Presurgical Planning at 7 T. Investigative Radiology, 2019, 54, 340-348.	6.2	3
5	Key clinical benefits of neuroimaging at 7 T. NeuroImage, 2018, 168, 477-489.	4.2	113
6	A method for the dynamic correction of B 0 -related distortions in single-echo EPI at 7 T. NeuroImage, 2018, 168, 321-331.	4.2	57
7	The clinical relevance of distortion correction in presurgical fMRI at 7 T. NeuroImage, 2018, 168, 490-498.	4.2	16
8	In vivo MRI of the human finger at 7 T. Magnetic Resonance in Medicine, 2018, 79, 588-592.	3.0	23
9	Computationally Efficient Combination of Multiâ€channel Phase Data From Multiâ€echo Acquisitions (ASPIRE). Magnetic Resonance in Medicine, 2018, 79, 2996-3006.	3.0	72
10	In vivo phase imaging of human epiphyseal cartilage at 7 T. Magnetic Resonance in Medicine, 2018, 79, 2149-2155.	3.0	12
11	Robust presurgical functional <scp>MRI</scp> at 7 <scp>T</scp> using response consistency. Human Brain Mapping, 2017, 38, 3163-3174.	3.6	5
12	Combining phase images from array coils using a short echo time reference scan (COMPOSER). Magnetic Resonance in Medicine, 2017, 77, 318-327.	3.0	49
13	An illustrated comparison of processing methods for MR phase imaging and QSM: combining array coil signals and phase unwrapping. NMR in Biomedicine, 2017, 30, e3601.	2.8	124
14	Comparison of Routine Brain Imaging at 3 T and 7 T. Investigative Radiology, 2016, 51, 469-482.	6.2	82
15	Correcting dynamic distortions in 7T echo planar imaging using a jittered echo time sequence. Magnetic Resonance in Medicine, 2016, 76, 1388-1399.	3.0	20
16	Improving the clinical potential of ultra-high field fMRI using a model-free analysis method based on response consistency. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2016, 29, 435-449.	2.0	6
17	Differential functional benefits of ultra highfield MR systems within the language network. NeuroImage, 2014, 103, 163-170.	4.2	14
18	Scaling dependence and tailoring of the pinning field in FePt-based exchange coupled composite media. Nanotechnology, 2014, 25, 045604.	2.6	9

#	Article	IF	Citations
19	Fabrication and high-resolution electron microscopy study of FePt L1₀ /A1 graded exchange spring media. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 1305-1310.	1.8	8
20	Monomer consumption in MAGIC-type polymer gels in the Bragg-peak of proton beams observed by volume selective1H MR-spectroscopy (MRS): proof of principle for high resolution MRS-methodology with a sensitive rf-detector. Journal of Physics: Conference Series, 2013, 444, 012096.	0.4	1
21	Micromagnetic study of exchange spring media with a rough interface on an example of FePt films. Journal Physics D: Applied Physics, 2012, 45, 495001.	2.8	4
22	Exchange bias effect in partially oxidized amorphous Feâ€“Niâ€“B based metallic glass nanostructures. Journal of Physics Condensed Matter, 2012, 24, 256004.	1.8	7
23	FePt L10/A1 graded media with a rough interphase boundary. Applied Physics Letters, 2011, 98, 222501.	3.3	16
24	Contribution of the easy axis orientation, anisotropy distribution and dot size on the switching field distribution of bit patterned media. Applied Physics Letters, 2011, 99, .	3.3	26