Patrick Vogel

List of Publications by Year in descending order

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30	499	759233 12	677142 22
papers	citations	h-index	g-index

32	32	32	369
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vasa vasorum of proximal cerebral arteries after dural crossing â€" potential imaging confounder in diagnosing intracranial vasculitis in elderly subjects on black-blood MRI. European Radiology, 2022, 32, 1276-1284.	4.5	8
2	A dynamic bolus phantom for the evaluation of the spatio-temporal resolution of MPI scanners. Journal of Magnetism and Magnetic Materials, 2021, 519, 167446.	2.3	1
3	High-resolution Compressed-sensing T1 Black-blood MRI. Clinical Neuroradiology, 2021, 31, 207-216.	1.9	20
4	Near real-time magnetic particle imaging for visual assessment of vascular stenosis in a phantom model. Physica Medica, 2021, 81, 210-214.	0.7	7
5	Magnetic particle imaging for artifact-free imaging of intracranial flow diverter stents: A phantom study. Physica Medica, 2021, 88, 65-70.	0.7	4
6	Spin echo formation in muscle tissue. Physical Review E, 2021, 104, 034419.	2.1	2
7	Intracranial vessel wall imaging framework â€" Data acquisition, processing, and visualization. Magnetic Resonance Imaging, 2021, 83, 114-124.	1.8	6
8	Adjustable Hardware Lens for Traveling Wave Magnetic Particle Imaging. IEEE Transactions on Magnetics, 2020, 56, 1-6.	2.1	6
9	Novel Fabrication Method for Nested Saddle Coils. IEEE Transactions on Magnetics, 2020, 56, 1-6.	2.1	0
10	Crosslinked Coating Improves the Signalâ€toâ€Noise Ratio of Iron Oxide Nanoparticles in Magnetic Particle Imaging (MPI). ChemNanoMat, 2020, 6, 755-758.	2.8	5
11	Superspeed Bolus Visualization for Vascular Magnetic Particle Imaging. IEEE Transactions on Medical Imaging, 2020, 39, 2133-2139.	8.9	25
12	Parallel magnetic particle imaging. Review of Scientific Instruments, 2020, 91, 045117.	1.3	5
13	Micro-Traveling Wave Magnetic Particle Imagingâ€"Sub-Millimeter Resolution With Optimized Tracer LS-008. IEEE Transactions on Magnetics, 2019, 55, 1-7.	2.1	28
14	Magnetic Particle Imaging meets Computed Tomography: first simultaneous imaging. Scientific Reports, 2019, 9, 12627.	3.3	38
15	Magnetic Particle Imagingâ€"Guided Stenting. Journal of Endovascular Therapy, 2019, 26, 512-519.	1.5	34
16	Dependence of the frequency distribution around a vessel on the voxel orientation. Magnetic Resonance Imaging, 2019, 57, 259-270.	1.8	3
17	Magnetic Particle Imaging Guided Real-Time Percutaneous Transluminal Angioplasty in a Phantom Model. CardioVascular and Interventional Radiology, 2018, 41, 1100-1105.	2.0	35
18	Dynamic Linear Gradient Array for Traveling Wave Magnetic Particle Imaging. IEEE Transactions on Magnetics, 2018, 54, 1-9.	2.1	11

#	Article	IF	Citations
19	Magnetic Particle Imaging for Quantification of Vascular Stenoses: A Phantom Study. IEEE Transactions on Medical Imaging, 2018, 37, 61-67.	8.9	30
20	Poster session 1. Imaging and image processing I. Biomedizinische Technik, 2017, 62, .	0.8	0
21	Firstin vivotraveling wave magnetic particle imaging of a beating mouse heart. Physics in Medicine and Biology, 2016, 61, 6620-6634.	3.0	48
22	Bimodal TWMPI-MRI Hybrid Scannerâ€"Coil Setup and Electronics. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	6
23	Rotational Drift Spectroscopy for Magnetic Particle Ensembles. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	3
24	Simulating the Signal Generation of Rotational Drift Spectroscopy. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	1
25	Rotating Slice Scanning Mode for Traveling Wave MPI. IEEE Transactions on Magnetics, 2015, 51, 1-3.	2.1	14
26	Superspeed Traveling Wave Magnetic Particle Imaging. IEEE Transactions on Magnetics, 2015, 51, 1-3.	2.1	16
27	$mu $ MPIâ€"Initial Experiments With an Ultrahigh Resolution MPI. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	10
28	MRI Meets MPI: A Bimodal MPI-MRI Tomograph. IEEE Transactions on Medical Imaging, 2014, 33, 1954-1959.	8.9	57
29	Traveling Wave Magnetic Particle Imaging. IEEE Transactions on Medical Imaging, 2014, 33, 400-407.	8.9	73
30	Slice scanning mode for traveling wave MPI. , 2013, , .		2