

Yasuhiko Terada

List of Publications by Year in descending order

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32
papers

703
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623734

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all docs

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docs citations

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times ranked

1037
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of the QRAPMASTER data analysis using dictionary matching and quantitative evaluation of the magnetization transfer effect. <i>Magnetic Resonance Imaging</i> , 2022, 90, 26-36.	1.8	0
2	Development of a Car-mounted Mobile MR Imaging System for Diagnosis of Sports-related Wrist Injury. <i>Magnetic Resonance in Medical Sciences</i> , 2022, , .	2.0	0
3	New Cluster Analysis Method for Quantitative Dynamic Contrast-enhanced MRI Assessing Tumor Heterogeneity Induced by a Tumor-microenvironmental Ameliorator (E7130) Treatment to a Breast Cancer Mouse Model. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 1820-1831.	3.4	3
4	Distortion Correction of Diffusion-Weighted Image by FSL Learning Model Using 3D U-net [Presidential Award Proceedings]. <i>Japanese Journal of Magnetic Resonance in Medicine</i> , 2022, 42, 62-64.	0.0	0
5	Bloch Simulation of a Three-point Dixon Experiment Using a Four-dimensional Numerical Phantom. <i>Magnetic Resonance in Medical Sciences</i> , 2021, , .	2.0	0
6	Development of an Add-on ²³ Na-MRI Radiofrequency Platform for a ¹ H-MRI System Using a Crossband Repeater: Proof-of-concept. <i>Magnetic Resonance in Medical Sciences</i> , 2021, , .	2.0	1
7	Dynamics of xylem and phloem sap flow in an outdoor zelkova tree visualized by magnetic resonance imaging. <i>Tree Physiology</i> , 2020, 40, 290-304.	3.1	5
8	Development of a method for the Bloch image simulation of biological tissues. <i>Magnetic Resonance Imaging</i> , 2020, 74, 250-257.	1.8	3
9	A New Method for Fabricating Gradient Coils using Printed Circuit Boards (2): Performance Evaluation and Application [Presidential Award Proceedings]. <i>Japanese Journal of Magnetic Resonance in Medicine</i> , 2019, 39, 67.	0.0	0
10	Toward understanding the anomalous Li diffusion in inorganic solid electrolytes by studying a single-crystal garnet of LLZO-Ta by pulsed-gradient spin-echo nuclear magnetic resonance spectroscopy. <i>Journal of Chemical Physics</i> , 2019, 150, 194502.	3.0	23
11	Development of a small car-mounted magnetic resonance imaging system for human elbows using a 0.2-T permanent magnet. <i>Journal of Magnetic Resonance</i> , 2019, 304, 1-6.	2.1	35
12	Relationship between Li ⁺ diffusion and ion conduction for single-crystal and powder garnet-type electrolytes studied by ⁷ Li PGSE NMR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 23589-23597.	2.8	21
13	Diffusion-weighting Caused by Spoiler Gradients in the Fast Imaging with Steady-state Precession Sequence May Lead to Inaccurate T ₂ Measurements in MR Fingerprinting. <i>Magnetic Resonance in Medical Sciences</i> , 2019, 18, 96-104.	2.0	39
14	Fundamentals of Compressed Sensing for MR Imaging. <i>Japanese Journal of Magnetic Resonance in Medicine</i> , 2018, 38, 61-75.	0.0	1
15	Oval gradient coils for an open magnetic resonance imaging system with a vertical magnetic field. <i>Journal of Magnetic Resonance</i> , 2017, 278, 51-59.	2.1	4
16	Advanced Imaging Techniques of the Wrist. <i>American Journal of Roentgenology</i> , 2017, 209, 497-510.	2.2	19
17	Development of Digital MRI Consoles Using General-Purpose Digital Instruments and Microcontroller Boards. <i>Applied Magnetic Resonance</i> , 2016, 47, 847-858.	1.2	2
18	Analysis of Rhizome Development in <i>Oryza longistaminata</i> , a Wild Rice Species. <i>Plant and Cell Physiology</i> , 2016, 57, 2213-2220.	3.1	26

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19	Acceleration of skeletal age MR examination using compressed sensing. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 204-211.	3.4	9
20	Development of an outdoor MRI system for measuring flow in a living tree. <i>Journal of Magnetic Resonance</i> , 2016, 265, 129-138.	2.1	40
21	Improved Reliability in Skeletal Age Assessment using a Pediatric Hand MR Scanner with a 0.3T Permanent Magnet. <i>Magnetic Resonance in Medical Sciences</i> , 2014, 13, 215-219.	2.0	17
22	Visualization and Quantification of Vascular Structure of Fruit Using Magnetic Resonance Microimaging. <i>Applied Magnetic Resonance</i> , 2014, 45, 517-525.	1.2	11
23	Coupled circuit numerical analysis of eddy currents in an open MRI system. <i>Journal of Magnetic Resonance</i> , 2014, 245, 1-11.	2.1	10
24	Skeletal age assessment in children using an open compact MRI system. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 1697-1702.	3.0	55
25	Laser-Combined Scanning Tunneling Microscopy on the Carrier Dynamics in Low-Temperature-Grown GaAs/AlGaAs/GaAs. <i>Advances in Optical Technologies</i> , 2011, 2011, 1-9.	0.8	6
26	Development of a magnetic resonance microscope using a high Tc bulk superconducting magnet. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	82
27	Real-space imaging of transient carrier dynamics by nanoscale pump-probe microscopy. <i>Nature Photonics</i> , 2010, 4, 869-874.	31.4	196
28	Laser-combined scanning tunnelling microscopy for probing ultrafast transient dynamics. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 264008.	1.8	32
29	Moiré image patterns on double-walled carbon nanotubes observed by scanning tunneling microscopy. <i>Physical Review B</i> , 2009, 79, .	3.2	19
30	Optical Doping: Active Control of Metal-Insulator Transition in Nanowire. <i>Nano Letters</i> , 2008, 8, 3577-3581.	9.1	37
31	Formation of dihydride chains on H-terminated Si(100)-1 \times 1 surfaces: Scanning tunneling microscopy and first-principles calculations. <i>Physical Review B</i> , 2006, 74, .	3.2	7
32	How to realize ultimate spatial and temporal resolutions by laser-combined scanning tunneling microscopy?. <i>Materials Research Society Symposia Proceedings</i> , 2005, 901, 1.	0.1	0