

Victor Meerovich

List of Publications by Year in descending order

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docs citations

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33
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin locking in liquid entrapped in nanocavities: Application to study connective tissues. Journal of Magnetic Resonance, 2019, 299, 66-73.	2.1	9
2	Spin-lattice relaxation in liquid entrapped in a nanocavity. Journal of Magnetic Resonance, 2020, 311, 106669.	2.1	9
3	Anisotropy of transverse and longitudinal relaxations in liquids entrapped in nano- and micro-cavities of a plant stem. Journal of Magnetic Resonance, 2021, 331, 107051.	2.1	8
4	Comparison of a Self-Limiting Transformer and a Transformer Type FCL With HTS Elements. IEEE Transactions on Applied Superconductivity, 2007, 17, 1911-1914.	1.7	7
5	Transient stability of a power system with superconducting fault current limiters. Periodica Mathematica Hungarica, 2007, 51, 3.	0.9	6
6	Development of high-Tc superconducting inductive current limiter for power systems. Cryogenics, 1994, 34, 757-760.	1.7	4
7	Determining the internal orientation, degree of ordering, and volume of elongated nanocavities by NMR: Application to studies of plant stem. Journal of Magnetic Resonance, 2022, 341, 107258.	2.1	4
8	Competing reactions with initially separated components in the asymptotic time region. Physical Review E, 2003, 68, 022101.	2.1	3
9	Calculation principles for a superconducting current-limiting transformer. Superconductor Science and Technology, 2007, 20, 1046-1053.	3.5	3
10	Dynamics of Zeeman and dipolar states in the spin locking in a liquid entrapped in nano-cavities: Application to study of biological systems. Journal of Magnetic Resonance, 2021, 325, 106933.	2.1	3
11	Penetration of ac magnetic field into bulk high-temperature superconductors: Experiment and simulation. Journal of Applied Physics, 2004, 95, 6693-6695.	2.5	1
12	Resistive Domains in Thin Superconducting Film Structures. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-9.	1.7	1
13	Measuring AC Losses and Critical Current of High Pressure Synthesized MgB ₂ Bulk Rings by the Transformer Method. Materials Science Forum, 2012, 721, 27-32.	0.3	0
14	Joint Operation of a Solar Station and a Superconducting Kinetic Energy Storage Device. Materials Science Forum, 2012, 721, 263-268.	0.3	0
15	Processing of Bulk MgB ₂ Superconductors for Application in Fault Current Limiters. Materials Science Forum, 2016, 856, 32-37.	0.3	0
16	Anisotropy of transverse spin relaxation in H ₂ O-D ₂ O liquid entrapped in Nanocavities: application to studies of connective tissues. Hyperfine Interactions, 2021, 242, 1.	0.5	0