

Tsutomu Hemmi

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	High-Temperature Superconducting Coil Option for the LHD-Type Fusion Energy Reactor FFHR. Plasma and Fusion Research, 2008, 3, S1049-S1049.	0.7	29
2	Test Result of a Full-Size Nb_3Sn Conductor Developed for the ITER TF Coils. IEEE Transactions on Applied Superconductivity, 2011, 21, 1982-1986.	1.7	26
3	Test Results of the Third Japanese SULTAN Sample. IEEE Transactions on Applied Superconductivity, 2009, 19, 1470-1473.	1.7	24
4	Characterization of Nb_3Al Strands Subjected to an Axial-Strain for a Fusion DEMO Reactor. IEEE Transactions on Applied Superconductivity, 2009, 19, 1540-1543.	1.7	15
5	Performance of Japanese Nb_3Sn Conductors for ITER Toroidal Field Coils. IEEE Transactions on Applied Superconductivity, 2008, 18, 471-474.	1.7	14
6	Analytical Study of Degradation of CIC Conductor Performance Due to Strand Bending and Buckling. IEEE Transactions on Applied Superconductivity, 2013, 23, 6001505-6001505.	1.7	10
7	Analysis of Internal-Tin Nb_3Sn Conductors for ITER Central Solenoid. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	8
8	Development of ITER Toroidal Field Coil in Japan. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	6
9	Superconducting Property and Strain Effect Study of the Nb_3Sn Strands Developed for ITER. IEEE Transactions on Applied Superconductivity, 2010, 20, 1443-1446.	1.7	5
10	T_{cs} Measurement Result of ITER Toroidal Field Insert Coil Tested in 2016. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	5
11	New Inspection Method of Termination Resistance at Room Temperature for ITER TF Coil. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	5
12	Residual Strains in ITER Conductors by Neutron Diffraction. Materials Science Forum, 2014, 777, 84-91.	0.3	4
13	Progress of ITER TF Coil Case Fabrication in Japan. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	4
14	Test of ITER-TF Joint Samples With NIFS Test Facilities. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	4
15	Installation and Test Programme of the ITER Poloidal Field Conductor Insert (PFCI) in the ITER Test Facility at JAEA Naka. IEEE Transactions on Applied Superconductivity, 2009, 19, 1492-1495.	1.7	3
16	Stress/Strain Effects on Industrial Superconducting Composites. Materials Science Forum, 0, 681, 209-214.	0.3	3
17	Progress of mock-up trials for ITER TF coil procurement in Japan. Fusion Engineering and Design, 2011, 86, 1531-1536.	1.9	2
18	Evaluation of Thermal Strain Induced in Components of Nb_3Sn Strand During Cooling. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.7	1

#	ARTICLE	IF	CITATIONS
19	Nuclear Energy (Technical Topic). Yosetsu Gakkai Shi/Journal of the Japan Welding Society, 2014, 83, 497-502.	0.1	0