Yohsuke Tamura

List of Publications by Year
in descending order

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28 papers	207 citations	1307594 7 h-index	1281871 11 g-index
28 all docs	28 docs citations	28 times ranked	101 citing authors

#	Article	IF	Citations
1	Burning behavior of sedan passenger cars. Fire Safety Journal, 2009, 44, 301-310.	3.1	45
2	Influence of temperature on the fatigue strength of compressed-hydrogen tanks for vehicles. International Journal of Hydrogen Energy, 2011, 36, 2513-2519.	7.1	25
3	Effectiveness of a blower in reducing the hazard of hydrogen leaking from a hydrogen-fueled vehicle. International Journal of Hydrogen Energy, 2014, 39, 20339-20349.	7.1	23
4	The spread of fire from adjoining vehicles to a hydrogen fuel cell vehicle. International Journal of Hydrogen Energy, 2014, 39, 6169-6175.	7.1	17
5	The new facility for hydrogen and fuel cell vehicle safety evaluation. International Journal of Hydrogen Energy, 2007, 32, 2154-2161.	7.1	15
6	Characteristics of hydrogen leakage sound from a fuel-cell vehicle by hearing. International Journal of Hydrogen Energy, 2017, 42, 7331-7339.	7.1	10
7	Thermal Behavior in Hydrogen Storage Tank for FCV on Fast Filling (2nd Report). , 0, , .		8
8	Influence of pressure and temperature on the fatigue strength of Type-3 compressed-hydrogen tanks. International Journal of Hydrogen Energy, 2012, 37, 17639-17644.	7.1	8
9	The Fire Tests with High-Pressure Hydrogen Gas Cylinders for Evaluating the Safety of Fuel-Cell Vehicles. , 2004, , .		6
10	Test of Vehicle Ignition Due to Hydrogen Gas Leakage. , 2006, , .		6
11	Diffusion and Ignition Behavior on the Assumption of Hydrogen Leakage from a Hydrogen-Fueled Vehicle. , 2007, , .		6
12	Development and Characteristics of a Burner for Localized Fire Tests and an Evaluation of Those Fire Tests. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 5, 992-1001.	0.4	6
13	The possibility of an accidental scenario for marine transportation of fuel cell vehicle. International Journal of Hydrogen Energy, 2017, 42, 7560-7564.	7.1	6
14	Fire Safety Evaluation of a Vehicle Equipped with Hydrogen Fuel Cylinders: Comparison with Gasoline and CNG Vehicles. , 0, , .		5
15	Study of a post-fire verification method for the activation status of hydrogen cylinder pressure relief devices. International Journal of Hydrogen Energy, 2017, 42, 7716-7720.	7.1	5
16	An Experimental Study on the Fire Response of Vehicles with Compressed Hydrogen Cylinders. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 3, 301-307.	0.4	3
17	Investigation of the Allowable Amount of Hydrogen Leakage Upon Collision. , 2005, , .		2
18	CFD Analysis of Fire Testing of Automotive Hydrogen Gas Cylinders with Substitutive Gases. , 2005, , .		2

#	Article	IF	Citations
19	Investigation of the Allowable Flow Rate of Hydrogen Leakage on Receptacle. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 1, 590-597.	0.4	2
20	Validation of the Localized Fire Test Method for On-Board Hydrogen Storage Systems. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 7, 1027-1035.	0.4	2
21	A study of decrease burst strength on compressed-hydrogen containers by drop test. International Journal of Hydrogen Energy, 2021, 46, 12399-12406.	7.1	2
22	Improvement of Flame Exposure Test for High Pressure Hydrogen Cylinders to Achieve High Reliability and Accuracy. , 2006, , .		1
23	Validity of Low Ventilation for Accident Processing with Hydrogen Leakage from Hydrogen-Fuelled Vehicle. , 2013, , .		1
24	The residual strength of automotive hydrogen cylinders after exposure to flames. International Journal of Hydrogen Energy, 2019, 44, 8759-8766.	7.1	1
25	Ignition Process of Intermittent Short-Circuit on Modeled Automobile Wires. , 1996, , .		0
26	Safety Evaluation on Fuel Cell Stacks Fire and Toxicity Evaluation of Material Combustion Gas for FCV. , 0, , .		0
27	Influence of Environmental Temperature on the Fatigue Strength of Type 3 Compressed-Hydrogen Tanks. , 0, , .		0
28	Combustion Behavior of Leaking Hydrogen and Effects of Ceiling Variations. SAE International Journal of Passenger Cars - Mechanical Systems, 2011, 4, 231-240.	0.4	0