

# 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	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
2	The residual strength of automotive hydrogen cylinders after exposure to flames. International Journal of Hydrogen Energy, 2019, 44, 8759-8766.	7.1	1
3	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
4	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
5	Characteristics of hydrogen leakage sound from a fuel-cell vehicle by hearing. International Journal of Hydrogen Energy, 2017, 42, 7331-7339.	7.1	10
6	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
7	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
8	Validity of Low Ventilation for Accident Processing with Hydrogen Leakage from Hydrogen-Fueled Vehicle. , 2013, , .		1
9	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
10	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
11	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
12	Burning behavior of sedan passenger cars. Fire Safety Journal, 2009, 44, 301-310.	3.1	45
13	Diffusion and Ignition Behavior on the Assumption of Hydrogen Leakage from a Hydrogen-Fueled Vehicle. , 2007, , .		6
14	The new facility for hydrogen and fuel cell vehicle safety evaluation. International Journal of Hydrogen Energy, 2007, 32, 2154-2161.	7.1	15
15	Test of Vehicle Ignition Due to Hydrogen Gas Leakage. , 2006, , .		6
16	Improvement of Flame Exposure Test for High Pressure Hydrogen Cylinders to Achieve High Reliability and Accuracy. , 2006, , .		1
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	The Fire Tests with High-Pressure Hydrogen Gas Cylinders for Evaluating the Safety of Fuel-Cell Vehicles. , 2004, , .		6
20	Ignition Process of Intermittent Short-Circuit on Modeled Automobile Wires. , 1996, , .		0
21	Fire Safety Evaluation of a Vehicle Equipped with Hydrogen Fuel Cylinders: Comparison with Gasoline and CNG Vehicles. , 0, , .		5
22	Safety Evaluation on Fuel Cell Stacks Fire and Toxicity Evaluation of Material Combustion Gas for FCV. , 0, , .		0
23	Thermal Behavior in Hydrogen Storage Tank for FCV on Fast Filling (2nd Report). , 0, , .		8
24	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
25	Influence of Environmental Temperature on the Fatigue Strength of Type 3 Compressed-Hydrogen Tanks. , 0, , .		0
26	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
27	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
28	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