

# Rafael Ortiz Cebolla

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8811548/publications.pdf>

Version: 2024-02-01

13  
papers

494  
citations

840776

11  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

235  
citing authors

#	ARTICLE	IF	CITATIONS
1	CFD model performance benchmark of fast filling simulations of hydrogen tanks with pre-cooling. International Journal of Hydrogen Energy, 2014, 39, 4389-4395.	7.1	70
2	CFD simulations of filling and emptying of hydrogen tanks. International Journal of Hydrogen Energy, 2017, 42, 7304-7313.	7.1	66
3	Effect of precooled inlet gas temperature and mass flow rate on final state of charge during hydrogen vehicle refueling. International Journal of Hydrogen Energy, 2015, 40, 4698-4706.	7.1	65
4	The role of initial tank temperature on refuelling of on-board hydrogen tanks. International Journal of Hydrogen Energy, 2016, 41, 8606-8615.	7.1	58
5	Compressed hydrogen tanks for on-board application: Thermal behaviour during cycling. International Journal of Hydrogen Energy, 2015, 40, 6449-6458.	7.1	53
6	Solar radiation calculation methodology for building exterior surfaces. Solar Energy, 2005, 79, 513-522.	6.1	42
7	Hydrogen tank first filling experiments at the JRC-IET GasTeF facility. International Journal of Hydrogen Energy, 2014, 39, 6261-6267.	7.1	42
8	JRC reference data from experiments of on-board hydrogen tanks fast filling. International Journal of Hydrogen Energy, 2014, 39, 20531-20537.	7.1	29
9	Supporting hydrogen technologies deployment in EU regions and Member States: The Smart Specialisation Platform on Energy (S3PEnergy). International Journal of Hydrogen Energy, 2019, 44, 19067-19079.	7.1	19
10	The effect of defueling rate on the temperature evolution of on-board hydrogen tanks. International Journal of Hydrogen Energy, 2015, 40, 14768-14774.	7.1	18
11	Influence of the gas injector configuration on the temperature evolution during refueling of on-board hydrogen tanks. International Journal of Hydrogen Energy, 2016, 41, 19447-19454.	7.1	16
12	GASTEF: The high pressure gas tank testing facility of the European commission joint research centre. International Journal of Hydrogen Energy, 2019, 44, 8601-8614.	7.1	11
13	Test methodologies for hydrogen sensor performance assessment: Chamber vs. flow-through test apparatus. International Journal of Hydrogen Energy, 2018, 43, 21149-21160.	7.1	5