

# Matteo C Romano

## List of Publications by Year in descending order

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13  
papers

565  
citations

932766

10  
h-index

1125271

13  
g-index

13  
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13  
docs citations

13  
times ranked

452  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comment on "How green is blue hydrogen?" Energy Science and Engineering, 2022, 10, 1944-1954.	1.9	23
2	Kustaanheimo-Stiefel Variables for Planetary Protection Compliance Analysis. Journal of Guidance, Control, and Dynamics, 2022, 45, 1286-1298.	1.6	2
3	Different perspectives on the b-plane: perturbation effects and use for resonant flyby design. Celestial Mechanics and Dynamical Astronomy, 2022, 134, 1.	0.5	1
4	The Potential of Power and Biomass-to-X Systems in the Decarbonization Challenge: a Critical Review. Current Sustainable/Renewable Energy Reports, 2021, 8, 242-252.	1.2	15
5	On the climate impacts of blue hydrogen production. Sustainable Energy and Fuels, 2021, 6, 66-75.	2.5	126
6	Impact probability computation of near-Earth objects using Monte Carlo line sampling and subset simulation. Celestial Mechanics and Dynamical Astronomy, 2020, 132, 1.	0.5	5
7	Comparison of Technologies for CO <sub>2</sub> Capture from Cement Production"Part 1: Technical Evaluation. Energies, 2019, 12, 559.	1.6	137
8	Comparison of Technologies for CO <sub>2</sub> Capture from Cement Production"Part 2: Cost Analysis. Energies, 2019, 12, 542.	1.6	135
9	Modeling of circulating fluidized beds systems for post-combustion CO <sub>2</sub> capture via temperature swing adsorption. AIChE Journal, 2018, 64, 1744-1759.	1.8	20
10	Integration of the Ca-Cu Process in Ammonia Production Plants. Industrial & Engineering Chemistry Research, 2017, 56, 2526-2539.	1.8	33
11	Application of MCFC in Coal Gasification Plants for High Efficiency CO <sub>2</sub> Capture. Journal of Engineering for Gas Turbines and Power, 2012, 134, .	0.5	22
12	A SOFC-Based Integrated Gasification Fuel Cell Cycle With CO <sub>2</sub> Capture. Journal of Engineering for Gas Turbines and Power, 2011, 133, .	0.5	29
13	Thermodynamic Analysis and Optimization of IT-SOFC-Based Integrated Coal Gasification Fuel Cell Power Plants. Journal of Fuel Cell Science and Technology, 2011, 8, .	0.8	17