

# Matteo C Romano

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

565  
citations

932766

10  
h-index

1125271

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

452  
citing authors

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