## Saverio Latorrata

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Capture and Release Mechanism of Ni and La Ions via Solid/Liquid Process: Use of Polymer-Modified Clay and Activated Carbons. Polymers, 2022, 14, 485.	4.5	2
2	Graphene oxide-naphthalene sulfonate blends as possible proton exchange membranes. Solid State Ionics, 2022, 376, 115858.	2.7	10
3	Investigation of Sulfonated Graphene Oxide as the Base Material for Novel Proton Exchange Membranes. Molecules, 2022, 27, 1507.	3.8	6
4	Greenhouse Gas Implications of Extending the Service Life of PEM Fuel Cells for Automotive Applications: A Life Cycle Assessment. Clean Technologies, 2022, 4, 132-148.	4.2	6
5	Aging effect on the variation of Li-ion battery resistance as function of temperature and state of charge. Journal of Energy Storage, 2022, 50, 104658.	8.1	33
6	Development of self-assembling sulfonated graphene oxide membranes as a potential proton conductor. Materials Chemistry and Physics, 2021, 257, 123768.	4.0	19
7	Capture and release mechanism of La ions by new polyamine-based organoclays: A model system for rare-earths recovery in urban mining process. Journal of Environmental Chemical Engineering, 2021, 9, 104730.	6.7	7
8	Capture Mechanism of La and Cu Ions in Mixed Solutions by Clay and Organoclay. Industrial & Engineering Chemistry Research, 2021, 60, 6803-6813.	3.7	10
9	Wastewater Treatment Using Alkali-Activated-Based Sorbents Produced from Blast Furnace Slag. Applied Sciences (Switzerland), 2021, 11, 2985.	2.5	7
10	Reduced Graphene Oxide Membranes as Potential Self-Assembling Filter for Wastewater Treatment. Minerals (Basel, Switzerland), 2021, 11, 15.	2.0	10
11	Rare Earths (La, Y, and Nd) Adsorption Behaviour towards Mineral Clays and Organoclays: Monoionic and Trionic Solutions. Minerals (Basel, Switzerland), 2021, 11, 30.	2.0	13
12	The Role of Fluorinated Polymers in the Water Management of Proton Exchange Membrane Fuel Cells: A Review. Energies, 2021, 14, 8387.	3.1	11
13	Graphene-based microporous layers for enhanced performance in PEM fuel cells. Materials Today: Proceedings, 2020, 31, 426-432.	1.8	3
14	Characterization of novel graphene-based microporous layers for Polymer Electrolyte Membrane Fuel Cells operating under low humidity and high temperature. International Journal of Hydrogen Energy, 2020, 45, 7046-7058.	7.1	27
15	Optimization of Perfluoropolyether-Based Gas Diffusion Media Preparation for PEM Fuel Cells. Energies, 2020, 13, 1831.	3.1	8
16	Innovative Perfluoropolyetherâ€Functionalized Gas Diffusion Layers with Enhanced Performance in Polymer Electrolyte Membrane Fuel Cells. Fuel Cells, 2020, 20, 166-175.	2.4	16
17	Effective Ce-based catalysts deposition on ceramic open cell foams. Applied Catalysis A: General, 2019, 584, 117089.	4.3	6
18	Effect of thickness and cracking phenomena on the photocatalytic performances of Ti/TiO2 photoanodes produced by dip coating. Materials Chemistry and Physics, 2019, 234, 1-8.	4.0	4

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19	Preliminary Study on the Development of Sulfonated Graphene Oxide Membranes as Potential Novel Electrolytes for PEM Fuel Cells. ECS Transactions, 2018, 86, 347-356.	0.5	5
20	Analysis of Degradation Mechanisms and Durability Assessment of Graphene-Based MPLs for PEM Fuel Cells. ECS Transactions, 2018, 86, 337-345.	0.5	1
21	Use of Electrochemical Impedance Spectroscopy for the Evaluation of Performance of PEM Fuel Cells Based on Carbon Cloth Gas Diffusion Electrodes. Journal of Spectroscopy, 2018, 2018, 1-13.	1.3	12
22	Analysis of Degradation Mechanisms and Durability Assessment of Graphene-Based Mpls for PEM Fuel Cells. ECS Meeting Abstracts, 2018, , .	0.0	0
23	Preliminary Study On The Development Of Sulfonated Graphene Oxide Membranes As Potential Novel Electrolytes For PEM Fuel Cells. ECS Meeting Abstracts, 2018, , .	0.0	Ο
24	Preparation and characterization of graphene oxide based membranes as possible Gas Diffusion Layers for PEM fuel cells with enhanced surface homogeneity. Materials Today: Proceedings, 2017, 4, 11594-11607.	1.8	2
25	Performance Evaluation and Durability Enhancement of FEP-Based Gas Diffusion Media for PEM Fuel Cells. Energies, 2017, 10, 2063.	3.1	11
26	Supercapacitor Sizing for Fast Power Dips in a Hybrid Supercapacitor—PEM Fuel Cell System. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 2196-2203.	4.7	31
27	Combining Electrical and Pressure Measurements for Early Flooding Detection in a PEM Fuel Cell. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 1007-1014.	4.7	17
28	Preparation of structured catalysts with Ni and Ni–Rh/CeO2 catalytic layers for syngas production by biogas reforming processes. Catalysis Today, 2016, 273, 3-11.	4.4	58
29	Washcoating of low surface area cerium oxide on complex geometry substrates. Particulate Science and Technology, 2016, 34, 184-193.	2.1	18
30	Development and Characterization of Non-Conventional Micro-Porous Layers for PEM Fuel Cells. Energies, 2015, 8, 7070-7083.	3.1	16
31	Development of an optimal gas diffusion medium for polymer electrolyte membrane fuel cells andÂassessment of its degradation mechanisms. International Journal of Hydrogen Energy, 2015, 40, 14596-14608.	7.1	23
32	Design of properties and performances of innovative gas diffusion media for polymer electrolyte membrane fuel cells. Progress in Organic Coatings, 2015, 78, 517-525.	3.9	25
33	Low-Cost PEM Fuel Cell Diagnosis Based on Power Converter Ripple With Hysteresis Control. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 2900-2907.	4.7	21
34	PEM Fuel Cell Drying and Flooding Diagnosis With Signals Injected by a Power Converter. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 2064-2071.	4.7	35
35	Preparation, <i>ex situ</i> and <i>in situ</i> Characterization of Gas Diffusion Media Containing and Non ontaining Carboxymethylcellulose for PEM FuelÂCells. Fuel Cells, 2015, 15, 463-471. 	2.4	5
36	Perfluoropolyether-functionalized gas diffusion layers for proton exchange membrane fuel cells. Journal of Power Sources, 2014, 258, 351-355.	7.8	25

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37	Novel superhydrophobic microporous layers for enhanced performance and efficient water management in PEM fuel cells. International Journal of Hydrogen Energy, 2014, 39, 5350-5357.	7.1	63
38	Diagnosis of PEM Fuel Cell Drying and Flooding Based on Power Converter Ripple. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 2341-2348.	4.7	44
39	Analysis and Compensation of PEM Fuel Cell Instabilities in Low-Frequency EIS Measurements. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 1693-1700.	4.7	23
40	Activation of metallic open-cell foams via washcoat deposition of Ni/MgAl2O4 catalysts for steam reforming reaction. Catalysis Today, 2012, 197, 256-264.	4.4	39
41	Effect of rheology controller agent addition to Micro-Porous Layers on PEMFC performances. Solid State Ionics, 2012, 216, 73-77.	2.7	17
42	Investigation of hydrophobic treatments with perfluoropolyether derivatives of gas diffusion layers by electrochemical impedance spectroscopy in PEM-FC. Solid State Ionics, 2012, 216, 100-104.	2.7	16
43	Coating method for Ni/MgAl2O4 deposition on metallic foams. Studies in Surface Science and Catalysis, 2010, , 653-656.	1.5	8
44	Co-precipitation in aqueous medium of La0.8Sr0.2Ga0.8Mg0.2O3â~'δ via inorganic precursors. Journal of Power Sources, 2010, 195, 8116-8123.	7.8	23
45	Electrical Characterization of LSGM Electrolytes Synthesized via Co-precipitation Route. ECS Transactions, 2009, 25, 1729-1736.	0.5	0
46	Carbonate coprecipitation synthesis of Sr- and Mg-doped LaGaO3. Materials Letters, 2009, 63, 1892-1894.	2.6	16