Fabio Maroni

List of Publications by Year
in descending order

25 papers	502 citations	687220 13 h-index	677027 22 g-index
26 all docs	26 docs citations	26 times ranked	870 citing authors

#	Article	IF	Citations
1	Through the Maze of Multivalentâ€Ion Batteries: A Critical Review on the Status of the Research on Cathode Materials for Mg²⁺ and Ca²⁺ Ions Insertion. Batteries and Supercaps, 2021, 4, 1221-1251.	2.4	24
2	Fe3O4/Graphene Composite Anode Material for Fast-Charging Li-Ion Batteries. Molecules, 2021, 26, 4316.	1.7	11
3	On the Electrochemical Insertion of Mg²⁺in Na₇V₄(P₂O₇)₄(PO₄) and Na₃V₂(PO₄)₃ Host Materials. Journal of the Electrochemical Society, 2021, 168, 120541.	1.3	3
4	Does Alumina Coating Alter the Solid Permeable Interphase Dynamics in LiMn₂O₄ Cathodes?. Journal of Physical Chemistry C, 2020, 124, 26670-26677.	1.5	15
5	Electrochemical Response and Structural Stability of the Li⁺ Ion Battery Cathode with Coated LiMn₂O₄ Nanoparticles. ACS Applied Energy Materials, 2020, 3, 8356-8365.	2.5	18
6	Highly Stable Fe₃O₄/C Composite: A Candidate Material for All Solid-State Lithium-Ion Batteries. Journal of the Electrochemical Society, 2020, 167, 070556.	1.3	10
7	Electrospun Carbon/Cu_xO Nanocomposite material as Sustainable and High Performance Anode for Lithiumâ€Ion Batteries. ChemistryOpen, 2019, 8, 781-787.	0.9	3
8	Comparison between Exhaustive and Equilibrium Extraction Using Different SPE Sorbents and Sol-Gel Carbowax 20M Coated FPSE Media. Molecules, 2019, 24, 382.	1.7	16
9	Electrospun tin-carbon nanocomposite as anode material for all solid state lithium-ion batteries. Journal of Solid State Electrochemistry, 2019, 23, 1697-1703.	1.2	7
10	Tin-Decorated Reduced Graphene Oxide and NaLi0.2Ni0.25Mn0.75Oï•as Electrode Materials for Sodium-Ion Batteries. Materials, 2019, 12, 1074.	1.3	10
11	Synthesis and Characterization of Vanillinâ€Templated Fe₂O₃ Nanoparticles as a Sustainable Anode Material for Liâ€Ion Batteries. ChemElectroChem, 2019, 6, 1915-1920.	1.7	12
12	Novel MIPs-Parabens based SPE Stationary Phases Characterization and Application. Molecules, 2019, 24, 3334.	1.7	18
13	V₂O₅ Cryogel: A Versatile Electrode for All Solid State Lithium Batteries. Journal of the Electrochemical Society, 2019, 166, A3927-A3931.	1.3	2
14	Synthesis and characterization of Si nanoparticles wrapped by V2O5 nanosheets as a composite anode material for lithium-ion batteries. Electrochimica Acta, 2018, 281, 676-683.	2.6	16
15	Graphene/V₂O₅ Cryogel Composite As a Highâ€Energy Cathode Material For Lithiumâ€Ion Batteries. ChemElectroChem, 2017, 4, 613-619.	1.7	17
16	Anatase TiO₂ as a Cheap and Sustainable Buffering Filler for Silicon Nanoparticles in Lithiumâ€Ion Battery Anodes. ChemSusChem, 2017, 10, 4771-4777.	3.6	14
17	Preparation and Electrochemical Characterization of High-Stability MnO Anodes for Li-Ion Batteries. Electrochimica Acta, 2017, 247, 392-399.	2.6	8
18	Electrochemical and spectroscopic characterization of an alumina-coated LiMn2O4 cathode with enhanced interfacial stability. Electrochimica Acta, 2017, 258, 175-181.	2.6	22

#	Article	IF	Citations
19	High cycling stability of anodes for lithium-ion batteries based on Fe3O4 nanoparticles and poly(acrylic acid) binder. Journal of Power Sources, 2016, 332, 79-87.	4.0	33
20	A high-voltage lithium-ion battery prepared using a Sn-decorated reduced graphene oxide anode and a LiNi0.5Mn1.5O4 cathode. Ionics, 2016, 22, 515-528.	1.2	7
21	V2O5 electrodes with extended cycling ability and improved rate performance using polyacrylic acid as binder. Journal of Power Sources, 2015, 293, 1068-1072.	4.0	9
22	A lithium-ion battery based on LiFePO4 and silicon/reduced graphene oxide nanocomposite. Solid State Ionics, 2015, 283, 145-151.	1.3	9
23	V₂O₅ Aerogel as a Versatile Cathode Material for Lithium and Sodium Batteries. ChemElectroChem, 2015, 2, 529-537.	1.7	74
24	Enhanced stability of SnSb/graphene anode through alternative binder and electrolyte additive for lithium ion batteries application. Journal of Power Sources, 2015, 294, 248-253.	4.0	38
25	Graphene/silicon nanocomposite anode with enhanced electrochemical stability for lithium-ion battery applications. Journal of Power Sources, 2014, 269, 873-882.	4.0	106