

Fabio Maroni

List of Publications by Year in descending order

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25
papers

502
citations

687220

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times ranked

870
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Graphene/silicon nanocomposite anode with enhanced electrochemical stability for lithium-ion battery applications. <i>Journal of Power Sources</i> , 2014, 269, 873-882. | 4.0 | 106 |
| 2 | V ₂ O ₅ Aerogel as a Versatile Cathode Material for Lithium and Sodium Batteries. <i>ChemElectroChem</i> , 2015, 2, 529-537. | 1.7 | 74 |
| 3 | Enhanced stability of SnSb/graphene anode through alternative binder and electrolyte additive for lithium ion batteries application. <i>Journal of Power Sources</i> , 2015, 294, 248-253. | 4.0 | 38 |
| 4 | High cycling stability of anodes for lithium-ion batteries based on Fe ₃ O ₄ nanoparticles and poly(acrylic acid) binder. <i>Journal of Power Sources</i> , 2016, 332, 79-87. | 4.0 | 33 |
| 5 | Through the Maze of Multivalent Ion Batteries: A Critical Review on the Status of the Research on Cathode Materials for Mg ²⁺ and Ca ²⁺ Ions Insertion. <i>Batteries and Supercaps</i> , 2021, 4, 1221-1251. | 2.4 | 24 |
| 6 | Electrochemical and spectroscopic characterization of an alumina-coated LiMn ₂ O ₄ cathode with enhanced interfacial stability. <i>Electrochimica Acta</i> , 2017, 258, 175-181. | 2.6 | 22 |
| 7 | Novel MIPs-Parabens based SPE Stationary Phases Characterization and Application. <i>Molecules</i> , 2019, 24, 3334. | 1.7 | 18 |
| 8 | Electrochemical Response and Structural Stability of the Li ⁺ Ion Battery Cathode with Coated LiMn ₂ O ₄ Nanoparticles. <i>ACS Applied Energy Materials</i> , 2020, 3, 8356-8365. | 2.5 | 18 |
| 9 | Graphene/V ₂ O ₅ Cryogel Composite As a High Energy Cathode Material For Lithium Ion Batteries. <i>ChemElectroChem</i> , 2017, 4, 613-619. | 1.7 | 17 |
| 10 | Synthesis and characterization of Si nanoparticles wrapped by V ₂ O ₅ nanosheets as a composite anode material for lithium-ion batteries. <i>Electrochimica Acta</i> , 2018, 281, 676-683. | 2.6 | 16 |
| 11 | Comparison between Exhaustive and Equilibrium Extraction Using Different SPE Sorbents and Sol-Gel Carbowax 20M Coated FPSE Media. <i>Molecules</i> , 2019, 24, 382. | 1.7 | 16 |
| 12 | Does Alumina Coating Alter the Solid Permeable Interphase Dynamics in LiMn ₂ O ₄ Cathodes?. <i>Journal of Physical Chemistry C</i> , 2020, 124, 26670-26677. | 1.5 | 15 |
| 13 | Anatase TiO ₂ as a Cheap and Sustainable Buffering Filler for Silicon Nanoparticles in Lithium Ion Battery Anodes. <i>ChemSusChem</i> , 2017, 10, 4771-4777. | 3.6 | 14 |
| 14 | Synthesis and Characterization of Vanillin-templated Fe ₂ O ₃ Nanoparticles as a Sustainable Anode Material for Li Ion Batteries. <i>ChemElectroChem</i> , 2019, 6, 1915-1920. | 1.7 | 12 |
| 15 | Fe ₃ O ₄ /Graphene Composite Anode Material for Fast-Charging Li-Ion Batteries. <i>Molecules</i> , 2021, 26, 4316. | 1.7 | 11 |
| 16 | Tin-Decorated Reduced Graphene Oxide and NaLi _{0.2} Ni _{0.25} Mn _{0.75} O ₂ as Electrode Materials for Sodium-Ion Batteries. <i>Materials</i> , 2019, 12, 1074. | 1.3 | 10 |
| 17 | Highly Stable Fe ₃ O ₄ /C Composite: A Candidate Material for All Solid-State Lithium-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2020, 167, 070556. | 1.3 | 10 |
| 18 | V ₂ O ₅ electrodes with extended cycling ability and improved rate performance using polyacrylic acid as binder. <i>Journal of Power Sources</i> , 2015, 293, 1068-1072. | 4.0 | 9 |

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|----|---|-----|-----------|
| 19 | A lithium-ion battery based on LiFePO ₄ and silicon/reduced graphene oxide nanocomposite. Solid State Ionics, 2015, 283, 145-151. | 1.3 | 9 |
| 20 | Preparation and Electrochemical Characterization of High-Stability MnO Anodes for Li-Ion Batteries. Electrochimica Acta, 2017, 247, 392-399. | 2.6 | 8 |
| 21 | A high-voltage lithium-ion battery prepared using a Sn-decorated reduced graphene oxide anode and a LiNi _{0.5} Mn _{1.5} O ₄ cathode. Ionics, 2016, 22, 515-528. | 1.2 | 7 |
| 22 | 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 |
| 23 | Electrospun Carbon/Cu _x O Nanocomposite material as Sustainable and High Performance Anode for Lithium-Ion Batteries. ChemistryOpen, 2019, 8, 781-787. | 0.9 | 3 |
| 24 | On the Electrochemical Insertion of Mg ²⁺ in Na ₇ V ₄ (P ₂ O ₇) ₄ (PO ₄) and Na ₃ V ₂ (PO ₄) ₃ Host Materials. Journal of the Electrochemical Society, 2021, 168, 120541. | 1.3 | 3 |
| 25 | V ₂ O ₅ Cryogel: A Versatile Electrode for All Solid State Lithium Batteries. Journal of the Electrochemical Society, 2019, 166, A3927-A3931. | 1.3 | 2 |