Making an imPACt

- “Hydrogen production and conversion to chemicals: a zero-carbon puzzle?” by Mario Marchionna
  SAIPEM – Milano,
- “Shaping the future of green hydrogen: De Nora’s electrochemical technologies for fueling the energy transition” by Michele Perego et al.
  De Nora Industries – Milano,
- “Perovskite: a key structure for a sustainable hydrogen economy” by Alessandra Sanson
  National Research Council – Faenza,
- “Advanced polymer electrolyte membrane water electrolysis for power to gas applications” by Antonino Salvatore Aricò et al.
  National Research Council – Messina.


IUPAC Provisional Recommendations

Provisional Recommendations are preliminary drafts of IUPAC recommendations. These drafts encompass topics including terminology, nomenclature, and symbols. Following approval, the final recommendations are published in IUPAC’s journal Pure and Applied Chemistry (PAC) or in IUPAC books. During the commentary period for Provisional Recommendations, interested parties are encouraged to suggest revisions to the recommendation’s author. https://iupac.org/recommendations/under-review-by-the-public/

Glossary of Terms for Mass and Volume in Analytical Chemistry

A glossary of terms and definitions for concepts in the use of mass and volume in analytical chemistry is presented. These include definitions for analytical methods of measurement (gravimetry, volumetry, and titrimetry) and supporting terms. Terms are updates of earlier recommendations or Orange Book entries.

Comments by 31 August 2024
Corresponding Author: David Brynn Hibbert
b.hibbert@unsw.edu.au

Definition of materials chemistry

Materials chemistry is focused on the design, preparation and understanding of innovative materials with useful properties. It is an emerging area of research where definitions are not well established. This document defines the area of materials chemistry for the benefit of chemistry communities and the general public worldwide interested in this discipline. This Recommendation defines the term “materials chemistry” as “Scientific discipline that designs, synthesizes and characterizes materials, with particular interest upon processing and understanding of useful or potentially useful properties displayed by such designed materials.”

Comments by 31 July 2024
Corresponding Author: Milan Drábik drabik@fns.uniba.sk