

Resource Summary Report

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IUPAC

RRID:SCR_005084

Type: Tool

Proper Citation

IUPAC (RRID:SCR_005084)

Resource Information

URL: <http://www.iupac.org/>

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Description: Recognized as the world authority on chemical nomenclature, terminology, standardized methods for measurement, atomic weights and many other critically evaluated data, this scientific, international, non-governmental and objective body addresses many global issues involving the chemical sciences. It serves to advance the worldwide aspects of the chemical sciences and to contribute to the application of chemistry in the service of Humankind. The Union sponsors major international meetings that range from specialized scientific symposia to CHEMRAWN meetings with societal impact. * Projects: IUPAC encourages the submission of projects in all areas of chemistry relevant to its work. * Publications: IUPAC publishes books, journals, electronic resources, and issues many reports in all areas of chemistry * Conferences: Each year IUPAC sponsors a large number of symposia that cover a wide range of specialized topics in chemistry. * Members and bodies: Chemists throughout the world are engaged on a voluntary basis in the scientific work of IUPAC.

Abbreviations: IUPAC

Synonyms: IUPAC: International Union of Pure and Applied Chemistry, International Union of Pure and Applied Chemistry, International Union of Pure Applied Chemistry

Resource Type: narrative resource, training resource, data or information resource, standard specification, meeting resource, knowledge environment, international standard specification

Keywords: chemistry, chemical nomenclature, terminology, standard, measurement, atomic weight, chemical, nomenclature, inorganic chemistry, organic chemistry, physical constant, publication, format, symbol, funding resource

Resource Name: IUPAC

Resource ID: SCR_005084

Alternate IDs: nlx_144095

Record Creation Time: 20220129T080228+0000

Record Last Update: 20260729T044115+0000

Ratings and Alerts

No rating or validation information has been found for IUPAC.

No alerts have been found for IUPAC.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 49 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Picelli AM, et al. (2025) Phylogenetic assessment of Plasmodium (Saurocytozoon) tupinambi comb. nov. (Haemosporida, Plasmodiidae) in golden tegu lizards: shedding light on a long-standing Haemosporida taxonomic puzzle. Parasitology, 152(6), 583.

Root-Gutteridge H, et al. (2025) Common scents? A review of potentially shared chemical signals in the order Carnivora. Chemical senses, 50.

Perini M, et al. (2024) High-Density Balsamic Vinegar: Application of Stable Isotope Ratio Analysis to Determine Watering Down. Journal of agricultural and food chemistry, 72(4), 1845.

Bellah H, et al. (2023) A highly multiplexed assay to monitor pathogenicity, fungicide resistance and gene flow in the fungal wheat pathogen Zymoseptoria tritici. PloS one, 18(2), e0281181.

Heighton SP, et al. (2023) Pangolin Genomes Offer Key Insights and Resources for the World's Most Trafficked Wild Mammals. Molecular biology and evolution, 40(10).

Lundstrøm J, et al. (2022) LectinOracle: A Generalizable Deep Learning Model for Lectin-Glycan Binding Prediction. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 9(1), e2103807.

Peng X, et al. (2022) Photodissociation of particulate nitrate as a source of daytime tropospheric Cl₂. Nature communications, 13(1), 939.

- Yanta CA, et al. (2021) CryptoGenotyper: A new bioinformatics tool for rapid *Cryptosporidium* identification. *Food and waterborne parasitology*, 23, e00115.
- Temml V, et al. (2021) Structure-based molecular modeling in SAR analysis and lead optimization. *Computational and structural biotechnology journal*, 19, 1431.
- Brett C, et al. (2021) The International Union of Pure and Applied Chemistry and its role on the world stage. *National science review*, 8(5), nwab036.
- Wang M, et al. (2021) Salting-out effect promoting highly efficient ambient ammonia synthesis. *Nature communications*, 12(1), 3198.
- Hempel E, et al. (2021) Diversity and Paleodemography of the Addax (*Addax nasomaculatus*), a Saharan Antelope on the Verge of Extinction. *Genes*, 12(8).
- Mamos T, et al. (2021) Fuzzy species borders of glacial survivalists in the Carpathian biodiversity hotspot revealed using a multimarker approach. *Scientific reports*, 11(1), 21629.
- Barratt JLN, et al. (2020) Machine learning-based analyses support the existence of species complexes for *Strongyloides fuelleborni* and *Strongyloides stercoralis*. *Parasitology*, 147(11), 1184.
- Tóbiás R, et al. (2020) Spectroscopic-network-assisted precision spectroscopy and its application to water. *Nature communications*, 11(1), 1708.
- Tkach N, et al. (2020) Molecular Phylogenetics and Micromorphology of Australasian Stipeae (Poaceae, Subfamily Pooideae), and the Interrelation of Whole-Genome Duplication and Evolutionary Radiations in This Grass Tribe. *Frontiers in plant science*, 11, 630788.
- Šegatin N, et al. (2020) Dielectric Properties and Dipole Moment of Edible Oils Subjected to 'Frying' Thermal Treatment. *Foods (Basel, Switzerland)*, 9(7).
- Kalembe EM, et al. (2019) Regulation of Gene Expression of Methionine Sulfoxide Reductases and Their New Putative Roles in Plants. *International journal of molecular sciences*, 20(6).
- Ceballos SG, et al. (2019) Phylogenomics of an extra-Antarctic notothernioid radiation reveals a previously unrecognized lineage and diffuse species boundaries. *BMC evolutionary biology*, 19(1), 13.
- Ahmad Tarmizi AH, et al. (2019) Effect of Anti-Clouding Agent on the Fate of 3-Monochloropropane-1,2-Diol Esters and Glycidyl Esters in Palm Olein during Repeated Frying. *Molecules (Basel, Switzerland)*, 24(12).