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Editorial

Separations—Scope Update

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The journal *Separations* (ISSN: 2297-8739) was launched in 2014. Since then, it has had numerous interesting publications covering a wide area of this field of science. To better address changing research dynamics and areas of interest in the field of analytical chemistry, we are evolving the aims of our journal. Our vision is to better serve our readers, authors, and this ever-evolving field of research in order to continue to be a top open access journal.

Following a thorough review of the published papers and developments in the research fields that we address, we concluded that the subjects which fall within the scope of the journal are largely appropriate and up to date, but they could benefit from some fine adjustments. More details are presented in Table 1.

Table 1. Changes in the scope of the journal *Separations*.

Scope (New Version):	Scope (Old Version):

Separations covers all areas of analytical separation and purification, including theory and methodology, equipment and techniques, and computational modeling. However, *Separations* does not cover the following aspects which may be related to a particular application of separation science: chemometrics, gravity separation, bulk purification, homogenization, statistical modeling, etc.
The scope of the journal includes, but is not limited to:
• Chemical separation and characterization;
• Natural products separation;
• Pharmaceutical separation;
• Environmental separation and monitoring;
• Materials in separation science;
• Separations in energies;
• Purification techniques and technology;
• Food and beverage separation;
• Toxicity separation and assessment;
• Chromatography and separation methods;
• Biochemical and biomolecular separation;
• Forensic and medical separation.
	Separations covers all aspects of fundamental advances and applications in isolation and trace separation sciences. However, *Separations* does not cover the following aspects which may be related to a particular application of separation science: chemometrics, gravity separation, bulk purification, homogenization, statistical modeling, etc.
	The scope of the journal includes, but is not limited to:
	• Theory and methodology:
	  – Theory of separation methods;
	  – Sample preparation;
	  – Instrumental and column developments;
	  – Trace purification technology;
	  – Electrochemical separations;
	  – Solid phase extraction;
	  – New separation methodologies, etc.
	• Equipment and techniques, novel hyphenated analytical solutions:
	  – Significantly extended by their combination with spectroscopic methods and, in particular, mass spectrometry;
	  – Hyphenated instrument configurations, e.g., LC–MS;

check for updates

Table 1. *Cont.*

Scope (New Version):	Scope (Old Version):
	- Novel analysis approaches and applications to solve analytical challenges which utilize chromatographic separations as a key step in the overall solution, e.g., high- and low-resolution chromatography; - Computational modeling of separations for the purpose of fundamental understanding and/or chromatographic optimization: – Instrumentation miniaturization; – Automation; – Method development and validation; – Instrument and method qualification and validation. Papers are accepted in the following fields related to separation science: - Chemistry (natural products, pharmaceuticals, sample preparation, etc.); - Biology (amino acids, proteins, peptides, nucleic acids, DNA, carbohydrates, metabolites, biomarkers, etc.); - Environmental science (pollutants, water, environmental forensics, etc.); - Food science (dyes, flavors and fragrances, vitamins, plant alcohols, dairy products, beverages, etc.); - Forensic medicine and toxicology (detection at the scene of a crime, etc.); - Medicine human and veterinary (drugs, clinical samples, bioanalysis, cells, etc.); - Energy (crude oil, diesel, biomethane, asphalt, gases, minerals, etc.); - Materials science (membrane, polymer, etc.); - Physics (physical separation process, separator, filter, etc.); - Archaeology (archaeometry, etc.).

With this update, we encourage the submission of papers in the above-mentioned fields and continue to progress the journal so that it is the best that it can be. For more detailed information, please visit the following link: https://www.mdpi.com/journal/separations/about (accessed on 29 October 2023).

Conflicts of Interest: The authors declare no conflict of interest.