

JOURNAL OF CHROMATOGRAPHY A

AUTHOR INFORMATION PACK

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DESCRIPTION

Journal of Chromatography A publishes research papers and critical reviews on all aspects of fundamental and applied separation science. The scope includes chromatography and related techniques (e.g. field-flow fractionation), electromigration techniques, hyphenated and other multi-dimensional techniques, sample preparation, and detection methods such as mass spectrometry. Journal of Chromatography A accepts manuscripts describing fundamental research on all aspects of separation science theory and methodology, instrumental developments and analytical and preparative applications of general interest. In determining the suitability of submitted articles for publication, particular scrutiny will be placed on the degree of novelty and significance of the research and the extent to which it adds to existing knowledge in separation science. Papers reporting routine separation methods or straightforward extensions of these methods to new sample matrices will normally not be published. Review articles are invited by the editors. Potential authors may also propose a review article in writing to the editors or the editorial office by providing a brief outline of the subject matter and the proposed content. Review articles should be sufficiently broad in scope, but should be specific enough to permit discussion at an appropriate depth. Above all, reviews should be critical rather than enumerative and should provide the reader with expert opinion regarding the relative merits of the various published approaches to the topic under review. The same criteria are applied for acceptance of manuscripts, irrespective of whether these are submitted for regular issues, special issues, or symposium issues.

AUDIENCE

Analytical Chemists, Biochemists, Clinical Chemists. All those who are concerned with the separation and identification of mixtures or compounds in mixtures.

IMPACT FACTOR

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INTRODUCTION

Journal of Chromatography A provides a forum for the publication of original research and critical reviews on all aspects of fundamental and applied separation science. The scope of the journal includes chromatography and related techniques, electromigration techniques (e.g. electrophoresis, electrochromatography), hyphenated and other multi-dimensional techniques, sample preparation, and detection methods such as mass spectrometry. Contributions consist mainly of research papers dealing with the theory of separation methods, instrumental developments and analytical and preparative applications of general interest.

Journal of Chromatography A welcomes the submission of research papers which report on studies concerning the development of new and significant advances in separation science. Manuscripts detailing fundamental research on all aspects of separation science theory and methodology are especially encouraged. In determining the suitability of submitted articles for publication, particular scrutiny will be placed on the degree of novelty and significance of the research and the extent to which it adds to existing knowledge in separation science. Papers describing the use of routine separation methods or straightforward extensions of these methods to new sample matrices will normally not be published unless new developments are described which are demonstrated to give clear and considerable advantages over existing methods. As part of the Introduction section to each manuscript, authors must address the question of how their proposed methodology compares with previously reported methods and this comparison must show that significant advances are proposed.

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Examples:

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[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, J. Sci. Commun. 163 (2010) 51–59. https://doi.org/10.1016/j.Sc.2010.00372.

Reference to a journal publication with an article number:

[2] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, 2018. The art of writing a scientific article. Heliyon. 19, e00205. https://doi.org/10.1016/j.heliyon.2018.e00205.

Reference to a book:

[3] W. Strunk Jr., E.B. White, The Elements of Style, fourth ed., Longman, New York, 2000. Reference to a chapter in an edited book:

[4] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), Introduction to the Electronic Age, E-Publishing Inc., New York, 2009, pp. 281–304. Reference to a website:

[5] Cancer Research UK, Cancer statistics reports for the UK. http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/, 2003 (accessed 13 March 2003).

Reference to a dataset:

[dataset] [6] M. Oguro, S. Imahiro, S. Saito, T. Nakashizuka, Mortality data for Japanese oak wilt disease and surrounding forest compositions, Mendeley Data, v1, 2015. https://doi.org/10.17632/xwj98nb39r.1.

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