



# GEOCHIMICA ET COSMOCHIMICA ACTA

Journal of The Geochemical Society and The Meteoritical Society

## AUTHOR INFORMATION PACK

### TABLE OF CONTENTS

•	<b>Description</b>	<b>p.1</b>
•	<b>Audience</b>	<b>p.1</b>
•	<b>Impact Factor</b>	<b>p.1</b>
•	<b>Abstracting and Indexing</b>	<b>p.2</b>
•	<b>Editorial Board</b>	<b>p.2</b>
•	<b>Guide for Authors</b>	<b>p.5</b>



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*Geochimica et Cosmochimica Acta* publishes research papers in a wide range of subjects in **terrestrial geochemistry**, **meteoritics**, and **planetary geochemistry**. The scope of the journal includes:

- 1). Physical chemistry of gases, aqueous solutions, glasses, and crystalline solids
- 2). Igneous and metamorphic petrology
- 3). Chemical processes in the atmosphere, hydrosphere, biosphere, and lithosphere of the Earth
- 4). Organic geochemistry
- 5). Isotope geochemistry
- 6). Meteoritics and meteorite impacts
- 7). Lunar science; and
- 8). Planetary geochemistry.

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*Geochimica et Cosmochimica Acta* (GCA) publishes research papers in a wide range of subjects in **terrestrial geochemistry**, **meteoritics**, and **planetary geochemistry**. GCA aims to present studies of fundamental significance and broad relevance for understanding geochemical systems, mechanisms, and processes, and of interest to a broad and diverse audience of geochemists. The scope of the journal includes:

1. Physical chemistry of gases, aqueous solutions, glasses, and crystalline solids
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Petrophilas D. C. (1997) Rocks I have known and loved. *Geochim. Cosmochim. Acta* **61**, 123-321.

Bells J. D. and Whistles H. P. (1995) Asperity-limited tectonic lithofacies juxtaposition in the northeastern South-Central Mountains, West Virginia. *J. Geophys. Res.* **447**, 7767-7776.

Nixon R. M. (1975) *I Am Not a Crook*. Vantage Press, New York.

Butcher N. D., Baker R. B., Waxwright C. M., Tinker, Jr., D. R. C. and Taylor G. J. (1998) Sm-Nd, Rb-Sr, U-Th-Pb, Re-Os and K-Ar isotope systematics in 762 subangular pebbles from the bed of Oompa-Loompa Creek, Glacier National Park. In *Mesozoic Volcanic Activity in North America* (eds. P. M. Thieux and F. T. Froug). Cambridge Univ. Press, Cambridge. pp. 417-496.

Gibbs J. W. and Helmholtz H. L. (1997) Thermodynamic properties of triskadeka-biphenyl complexes of Fe<sup>++</sup> and Zn<sup>++</sup> in the range 80o-85oC at pH 4.5 in aqueous solution from the ice in which ALH 84001 was recovered. *Lunar Planet. Sci. XXVIII*. Lunar Planet. Inst., Houston. #7654(abstr.).

Harvard J. (1787) Investigations on why the ground in New England is so rocky. Ph. D. thesis, Yale Univ.

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