

PUBLICATIONS LIST

André BERGER

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- 1. Books and Thesis**
- 2. Articles in international journals**
- 3. Articles in books and proceedings**
- 4. Others**

André Berger has published 327 papers, 168 in journals and 160 in books and proceedings. He has written the book "Le Climat de la Terre" which considers the past as key for the future, and was providing in 1992 an up-to-date and original synthesis of the scientific problems related to natural and man-made climatic variations. He edited 16 books, two having been considered as milestones in Quaternary research and serve as standard references. He is among the geophysicists with the largest citation index as first or single author. In January 2025, according to Google scholar citations, his total citations were 34414 with H-factor of 70. Among his 54 papers cited more than 100 times, 12 are single-author with 12462 citations. His two 1978 papers as single author are cited respectively 3031(daily insolation) and 1779 (caloric insolation) times, and his updated solution of 1991(two authors) is cited 4978 times. Since his official retirement in 2007, André Berger published 49 papers, among which 9 as first author (2 as single author).

André Berger is a Highly Ranked Scholar #1 in Paleoclimatology by ScholarGPS (<https://scholargps.com/scholars/33916696533560/andre-berger>). This ranking allows to assess more objectively the personal contribution of a scientist in a list of publications with many authors.

1. Books and Thesis

BERGER A., *Investigation of anomalies of minimum and maximum temperatures winter and summer at Omaha, Nebraska*. Master degree thesis, Massachusetts Institute of Technology, Department of Meteorology, 1971. (supervisor: H.C. Willett).

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BERGER A., *Théorie astronomique des Paleoclimats*. Dissertation doctorale, Université catholique de Louvain, Faculté des Sciences, 2 volumes, 1973.

BERGER A., 1992. *Le Climat de la Terre, un passé pour quel avenir*. De Boeck Université, Bruxelles, 479pp.

BERGER A., *Astronomical Theory of Climatic Variations*. (in preparation).

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- BERGER A., 1984. Man's Impact on Climate. In : "*The Climate of Europe : Past, Present and Future. Natural and Man-Induced Climatic Changes : A European Perspective*". H. FLOHN and R. FANTECHI (Eds), Atmospheric Sc. Library, Reidel Publ. Company, Holland, 1984. Chap. 4, pp. 134-197. Also contribution to the whole planning of the book and discussion of each chapter.
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- BERGER A. et ALLARD A. (Eds). *Quelques Etapes de l'Histoire de l'Astronomie et de la Géophysique en Belgique*. Travaux de la Faculté de Philosophie et Lettres de l'Université Catholique de Louvain - XXXIV, Institut d'Astronomie et de Géophysique G. Lemaître et Centre d'Histoire des Sciences et des Techniques, Sources et Travaux - III, 109p., 1987.
- BERGER A., DICKINSON R., KIDSON J. (Eds), 1989. *Understanding Climate Change*. Geophysical Monograph n° 52 - IUGG vol. 7, American Geophysical Union, Washington D.C., 187pp.
- BERGER A., SCHNEIDER S., DUPLESSY J.Cl. (Eds), 1989. *Climate and Geo-Sciences, a Challenge for Science and Modern Society in the 21st Century*. NATO ASI Series C : Mathematical and Physical Sciences, vol. 285, Kluwer Academic Publishers, Dordrecht, Holland, 724pp.
- MILANKOVITCH V., (Preface by BERGER A.), 1995. Milutin Milankovitch 1879-1958. European Geophysical Society, katlenburg-Lindau, FRG. 181 p.
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- BERGER A., ERCEGOVAC M., MESINGER F. (Eds), 2005. *Paleoclimate and the Earth Climate System. Milankovitch Anniversary Symposium*. Serbian Academy of Sciences and Arts Scientific Meetings, vol. CX, Dept of Mathematics, Physics and Geosciences, Book 4, Belgrade, 190 pp.
- ABEL O., BARD E., BERGER A., BESNIER J.M., GUESNERIE R., SERRES M. (Eds), 2009. *Ethique et Changement Climatique*. Coordination Bordeyne Ph., Léna P. et Osborne M., Edition Le Pommier, Paris, 204p. ISBN 978-2-7465-0440-0.
- BERGER A., BRACONNOT P., GUO Z., ROUSSEAU D.D., and TADA R. (Eds), 2009. *The East Asian Monsoon: Past, Present and Future*. Climate of the Past 2008-2009, Special Issue, vol. 4, 19-28, 79-90, 137-145, 153-174, 175-180, 225-233, 281-294, 303-309; vol. 5, 13-19, 129-141. Copernicus Publications. ISSN 1814-9324
- BERGER A., MESINGER F. and ŠIJACI D. (Eds), 2012. *Climate Change. Inferences from paleoclimate and regional aspects*. Springer Verlag, Wien. 244pp. Milutin Milankovitch 130th Anniversary Symposium. DOI 10.1007/978-3-7091-0973-1.

Dedicated Book :

- CRUCIFIX M., LOUTRE M.F., CLAUSSEN M., GANSSEN G., ROUSSEAU D.D., WOLFF E., and J. GUIOT, 2008-2009. Climate Change: from the geological past to the uncertain future – a symposium honouring André Berger. Special Issue of Climate of the Past, vol., 5. Copernicus Publications. ISSN 1814-9324. Corrigendum of preface, 2009. Climate of the Past, 5, 723.

2. Articles in international journals

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