CURRICULUM VITAE

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姓名：江博明

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Addresses:

1. (work): Institute of Earth Sciences, Academia Sinica
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2. (domicile): 5F, No. 75, Section 2, Academia Road, Taipei 115, Taiwan
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Date of birth: 24 August 1940
Place of birth: Miaoli, Taiwan
Nationality: Dual, Taiwan and France (since May 1980)
Family situation: married, 2 children (born 1976 and 1978; resident in Paris)

Education and Diplomas obtained:

- National Taiwan University, Taipei, Taiwan, B.Sc. 1963, Geology
- Brown University, Providence, R.I., U.S.A., M.Sc. 1967, Geochemistry
- University of Minnesota, Minneapolis, Minnesota, U.S.A., Ph.D., 1972, Geology and Geophysics (Geochemistry)

Professional positions:

Present :

Director and Distinguished Research Fellow, Institute of Earth Sciences, Academia Sinica (Aug. 2004 - present)
Professor (joint appointment), National Taiwan University (Aug. 2004 - present)

Past positions:

- Chair Professor, National Taiwan University (01/2003 – 01/2006)
- Professor, First Class, Universite de Rennes 1, France (1986-2003)
- Professor, Second Class, Universite de Rennes 1, France (1981-1985)
- Chairman, Institute of Geology, Universite de Rennes 1, France (10.1985-02.1988)
- Professeur Associé, Universite de Rennes 1, France (1976-1981)
- Visiting Professor, Kyoto University, Japan (1/1/94 - 31/3/94)
- NSC Full Research Professor, Academia Sinica (July - Dec., 1987)
- Corresponding Research Fellow, IES, Academia Sinica (1980 - 2004)
- Visiting Professor, University of Minnesota, U.S.A. (May-July, 1984)
- Research Associate, Lunar Science Institute, Houston, U.S.A. (09/74 - 01/76)
- NRC Postdoctoral Fellow, NASA-Johnson Space Center, Houston (09/72 - 08/74)

Honors, Fellowships and honorary posts:

1. **Chair**, Foundation for the Advancement of Outstanding Scholarship, Taiwan (2003-2008)
2. **Chair Professor,** National Taiwan University 國立台灣大學講座教授 (01/2003 – 01/2006)
3. **Research Chair,** National Science Council - Taiwan (2003-2006)

4. **Fellow**, Mineralogical Society of America (2004)
5. **Fellow**, Geological Society of America (2004)
6. **Fellow**, Geochemical Society (02/2006)
7. **Fellow**, European Association for Geochemistry (02/2006)
8. **Honorary professor**（名譽研究員）**,** Chinese Academy of Geological Sciences. Beijing, China (26-09-1987)
9. **Honorary "Guest Professor"**（客籍教授）**,** Institute of Geology, Chinese Academy of Sciences, Beijing (11-08-1996)
10. **Honorary professor**（名譽教授）**,** Jilin University, Changchun, China (11-08-1997)
11. **Honorary "Guest Professor"**（客籍教授）**,** Institute of Geochemistry, Chinese Acad. Sciences, Guangzhou, China (31-08-1998)
12. **Honorary "Guest Professor"**（客籍教授）, University of Science and Technology of China, Hefei, China (19-08-1999)
13. **Honorary "Guest Professor"**（客籍教授）, Northwest University, Xi'an, China (14-09-2001)
14. **President**, Chinese Union of Geosciences, Taiwan (2005-2008)
15. **Knighthood** of the French Ministry of Education (June, 2008) – Chevalier dans l'Ordre des Palmes Académiques.
16. **Honorary "Guest Professor",** Center for Advanced Marine Core Research, Kochi University, Japan (April 1, 2009 – March 31, 2010)
17. **Honorary "Concurrent Professor"**（兼職教授）, Nanjing University, Nanjing, China (28-04-2009)

Research domains:

1. General: Geochronology, isotope and trace element geochemistry.
2. Applications of geochemical and isotopic techniques to various petrogenetic and tectonic studies, such as, characterisation and evolution of the upper mantle, development of the continental crust, petrogeneses of magmatic rocks (komatiites, basalts and granitoids), geochemistry of Archean sedimentary rocks and evolution of Archean cratons, origin of ultrahigh-pressure eclogites and implications for tectonic evolution of continental collision zones, geochemical characterisation of loess-paleosol sequences and paleoclimatic implications, carbonate U-Pb dating and sedimentary geochronology, granite petrogenesis and growth of the continental crust, continental subduction and exhumation of ultra-high pressure metamorphic rocks.

Recent interests - (1) Phanerozoic crustal growth in the Central Asian Orogenic Belt and the northern part of the Arabian-Nubian Shield, (2) Geochemical and petrological study of the UHP metamorphic terranes from China, with implications for continental subduction, exhumation and recycling, (3) Geochemistry of loess deposits and implications for paleoclimatic changes, and global geochemical budget of the upper continental crust..

Membership of academic societies:

American Geophysical Union
Geochemistry Society (**Fellow**)
European Association for Geochemistry (**Fellow**)
Geological Society of America (**Fellow**)
Mineralogical Society of America (**Fellow**)
Asia-Oceania Geosciences Society
European Geosciences Union
Geological Society of China (Taiwan)

Chinese Union of Geosciences (Taiwan)
Mineralogical, Petrological and Geochemical Society of China

Domestic responsibilities

教育部2009年國際數理學科奧林匹亞競賽諮詢委員會委員(1/10/2008 – 30/09/2009)
教育部96學年度教師著作審查簽審顧問 (1/08/2008 - 31/07/2009)
教育部96學年度教師著作審查簽審顧問 (1/08/2007 - 31/07/2008)
教育部國家講座及學術獎審議員 （2006. 2007, 2008, 2009）
教育部國立大學校長遴選委員會委員 （2005, 2006）
教育部科學教育指導委員會咨詢委員 （2005- 2006）
行政院國家科學委員會傑出科技貢獻獎自然科學與工程組發掘小組委員 (2006, 2007, 2008)
行政院國家科學委員會"2008 年度政府科技計畫審議審查群組專家 (1/04/2007 - 30/06/2007)
行政院國家科學委員會自然處科學發展諮議委員 (1/1/2008 - 31/12/2008)
行政院國家科學委員會自然處科學發展諮議委員 (1/1/2007 - 31/12/2007)
行政院國家科學委員會自然處科學發展諮議委員 （1/1/2005 - 31/12/2006）
行政院國家科學委員會自然處傑出研究獎評審委員（2004, 2006）
中國科學院地質與地球物理研究所綜合質量評估專家（2004）
中央研究院評議會當然評議員（2005- ）
中央研究院學術發展規劃委員會委員（2006）
中央研究院績效評估委員會委員（21/2/2006 - 31/01/2007）
中央研究院行政與技術人員考績委員會委員 （1/7/2005- 30/6/2006）
中央研究院研究人員考績委員會委員 （1/8/2005- 31/7/2006）
中央研究院研究人員考績委員會委員 (1/8/2006 - 31/7/2007)
中央研究院研究人員，研究技術人員及行政技術人員講學研究進修審核小組委員（9/01/2005- ）
中央研究院環境變遷研究中心學術咨詢委員會委員 （09/11/2007 - 31/08/2010）
中央研究院環境變遷研究中心學術咨詢委員會委員 （18/5/2005 - 22/4/2007）
中央研究院地球科學研究所通信研究員（1/08/2004- 31/07/2007）
中華民國地球科學學會第七屆理事長 （23/2/2005- 22/2/2008）
中華民國地球科學學會第七屆理事 (15/02/2009 – 15/02/2011)
中國地質學會（台灣）理事（2005- 2007）
中國地質學會（台灣）理事（2007- 2009）
中國地質學會（台灣）監事（2009- 2011）
台北市台法交流協會理事長 (17/11/2007 – 16/11/2010)
國立台灣大學講座教授（27/01/2003- 26/01/2006）
國立台灣大學理學院地質科學系研究講座 （1/8/2003- 31/7/2004）
國立台灣大學學術研究獎項評審委員會委員 （1/8/2004- 31/7/2005）
國立台灣大學學術研究獎項評審委員會委員 （1/8/2005- 31/7/2006）
國立台灣大學教授升等評審委員 （2004-2006）
國立台灣大學研究發展委員會傅斯年獎評審委員 （08/2005）

International Advisory Board for TAO (Terrestrial, Atmospheric and Oceanic Sciences), the only SCI journal in earth sciences published in Taiwan (1998 - 2003). This journal is under the auspices of 中華民國地球科學學會.

International responsibilities:

Editor-in-Chief: Journal of Asian Earth Sciences, Elsevier (Jan. 2006 - present)
Editorial board member: Chemical Geology, Elsevier (2000 - 2008)
Editorial board member: Precambrain Research, Elsevier (1985 - present)
Editorial board member: Journal of Asian Earth Sciences, Elsevier (1998 - 2005)
Editorial board member: Episodes, IUGS (International Union of Geological Science) (1998 - present)
Editorial board member: e-Earth (since 01-2006) (official journal of European Geoscience Union)
Editorial Advisory Board : Island Arc, Blackwell Publishing Co. (March 2004 - present)
Editorial board member: Acta Geoscientia Sinica (Beijing, 2001 - present)
Associate Editor: Continental Dynamics, China (Beijing, 1998 - present)
Associate Editor: Terrestrial, Atmospheric and Oceanic Sciences, Taiwan (1998 - 2003)

Regular reviewer or referee for numerous journals, including *American Journal of Science, Precambrian Research, Chemical Geology, Geochimica Cosmochimica Acta, Lithos, Contributions to Mineralogy and Petrology, Metamorphic Geology, International Geology Review, Geology, Journal of Petrology, Earth and Planetary Science Letters, Journal of Asian Earth Sciences, Episodes, Tectonophysics, Island Arc.*

Chairman, Commission of Asian Lithosphere, ILP (International Lithosphere Program) (1/2006 - present)
Leader (Taiwan side) of a France-Taiwan cooperation programme "LIA (Laboratoire International Associé)"
Leader of IGCP Project No. 420 (Crustal growth in the Phanerozoic: Evidence from east-central Asia). UNESCO (1997 - 2002)
ILP (International Lithosphere Program) Working Group III-6 member (1993 - 1998). WGIII-6: Ultrahigh pressure metamorphism and geodynamics in collision-type orogenic belts.
ILP (International Lithosphere Program) Working Group III-8 member (1999 - 2004). WG III-8: Processes and geodynamics in formation and exhumation of the ultrahigh-pressure metamorphic terranes.
ILP Working Group III-9 (Task Force 1) Earth Accretionary Systems (in space and time) (ERAS), (2005 – 2009), Chairperson: P. Cawood (Australia)
IECCC (International Eclogite Conference Co-ordinating Committee) member (2007-present)
Regional Advisory Committee for Europe, American Geophysical Union (1992-1994)
Co-leader (A. Kröner, B.M. Jahn, S. Moorbath) of IGCP Project No. 280 (The oldest rocks on earth). (1988 - 1993)
French representative of IGCP No. 280 (1988-1993)
Working Group 2 of the International Lithosphere Program : the Nature and evolution of the continental lithosphere. (1988-1990)

PUBLICATIONS

Articles (1972 – 2008): about 180; life-time citation number = 6656 (ISI Web of Science); 4576 (SCOPUS, 1974-2008); H-index = 30 (1996-2008; as of March, 2009)

Representative publications:

1. **Bor-ming Jahn** (1974) Mesozoic thermal events in southeast China. Nature (article), 248, 480-483. (with News and Views comments for the article, p. 471).
   The first article using the concept of plate tectonics in the interpretation of magmatic events in SE China. The intense magmatic pulse is connected with rapid sea-floor spreading. (ISI citation: 27)

2. Sun, Shen-su and **Bor-ming Jahn** (1975) Lead and strontium isotopes in post-glacial basalts from Iceland. Nature (article), 255, 527-530.
   Pb and Sr isotope data were used to interpret the petrogenesis of Icelandic volcanic rocks and constrained the mantle plume activity and its interaction with the asthenosphere for all ocean islands. (citation: 113)

3. **Bor-ming Jahn,** P.Y. Chen, T.P. Yen, 1976, Rb-Sr ages of granitic rocks in southeastern China and their tectonic significance. Bull. Geol. Soc. America, v. 86, 763-776.
   This is the detailed account of the paper published in the 1974 Nature paper above. (citation: 90)

4. **Bor-ming Jahn,** B. Auvray, S. Blais, R. Capdevila, J. Cornichet, F. Vidal, and J. Hameurt, 1980, Trace element geochemistry and petrogenesis of Finnish greenstone belts. Jour. Petrology, v. 21, 201-244. (citation: 147)

5. **Bor-ming Jahn**, A.Y. Glikson, J.J. Peucat, A.H. Hickman (1981) REE geochemistry and isotopic data of Archean silicic volcanics and granitoids from the Pilbara Block, Western Australia: implications for the early crustal evolution. Geochim. Cosmochim. Acta, v. 45, 1633-1652. (citation : 159)
   A monumental paper for rare earth geochemistry of Archean granitic rocks and creation of now household term "TTG" for typical Archean granitoids.

6. **Bor-ming Jahn**, G. Gruau, A.Y. Glikson (1982) Komatiites of the Onverwacht Group, S. Africa : REE geochemistry, Sm/Nd age and mantle evolution. Contrib. Mineral. Petrol., v. 80, 25-40. (citation: 145)
   Classification of komatiites, the most distinguished rock type in the early history of the earth, based on REE typology and Ca/Al ratios provides profound implications to thermal structure of ancient earth.

7. **Bor-ming Jahn,** Z.Q. Zhang (1984) Archean granulite gneisses from eastern Hebei Province, China : rare earth geochemistry and tectonic implications. Contrib. Mineral. Petrol., 85 : 224-243. (citation: 122)

8. **Bor-ming Jahn,** F. Martineau, J.J. Peucat, J. Cornichet (1986) Geochronology of the Tananao Schist Complex, Taiwan. Tectonophysics, 125 : 103-124. (citation : 46)

9. **Bor-ming Jahn,** B. Auvray, J. Cornichet, Y.L. Bai, Q.H. Shen, D.Y. Liu (1987) 3.5 Ga old amphibolites from easern Hebei Province, China: Field occurrence, petrography, Sm-Nd isochron age and REE geochemistry. Precambrain Research, v. 34, 311-346.
This and a few later articles established the oldest rocks in China as well as in the entire Asia. (citation: 131)

10. **Jahn, Bor-ming,** B. Auvray, Q.H. Shen, D.Y. Liu, Z.Q. Zhang, Y.J. Dong, X.J. Ye, Q.Z. Zhang, J. Cornichet, J. Macé, 1988. Archaean crustal evolution in China : The Taishan Complex, and evidence for juvenile crustal addition from long-term depleted mantle. Precambrian Research 38 : 381-403. (citation: 95)

11. **Bor-ming Jahn** (1988) Pb-Pb dating of young marbles from Taiwan. Nature (letters), 332, 429-432.
This was the first article to date a young carbonate rock using this method. The result was astonishing. Combined with his earlier and later works, the crustal evolution of Taiwan was constructed. (citation: 36)

12. **Bor-ming Jahn,** X.H. Zhou, J.L. Li (1990) Formation and tectonic evolution of SE China: isotopic and geochemical constraints. Tectonophysics, 183: 145-160. (citation : 114)

13. **B.M. Jahn,** H. Cuvellier (1994) Pb-Pb and U-Pb geochronology of carbonate rocks and direct dating of sedimentary sequences: an assessment. Chemical Geology , 115: 125-151. (citation: 63)

14. Sun-Lin Chung, **Bor-ming Jahn** (1995) Plume-lithosphere interaction in generation of the Emeishan flood basalts at the Permian-Triassic boundary. Geology 23: 889-892. (citation : 111)

15. V. Chavagnac, **B.M. Jahn** (1996) Coesite-bearing from the Bixiling Complex, Dabie Mountains, China: Sm-Nd ages, geochemical characteristics and tectonic implications. Chem. Geol. 133: 29-51. (citation: 186)

16. **Jahn, B.M.,** J. Cornichet, B.L. Cong, T.F. Yui, 1996. Ultrahigh-epsilon (Nd) eclogites from an ultrahigh-pressure metamorphic terrane of China. Chem. Geol. 127: 61-79. (citation: 81)

17. S. Gallet, **B.M. Jahn,** M. Torii (1996) Geochemical characterisation of loess-paleosol sequence from the Luochuan Section, China, and its paleoclimatic implications. Chem. Geol. 133: 67-88. (citation: 127)

18. Han, B.F., S.G. Wang, **B.M. Jahn,** D.W. Hong, H. Kagami, and Y.L. Sun, 1997. Depleted-mantle magma source for the Ulungur River A-type granites from North Xinjiang, China: Geochemistry and Nd-Sr isotopic evidence. Chem. Geol. 138: 135-159. (citation: 116)

19. J.F. Chen and **B.M. Jahn** (1998) Crustal evolution of southeastern China: Nd and Sr isotopic evidence. Tectonophysics, v. 284,101-133.
This, together with Jahn et al. (1990), is a monumental work summarizing Nd and Sr isotope data and proposed a scheme for the crustal evolution of the entire SE China. Cited about 200 times. (citation : 233)

20. **B.M. Jahn,** 1998. Geochemical and isotopic characteristics of UHP eclogites and ultramafic rocks of the Dabie Orogen: Implications for continental subduction and collisional tectonics. In: When Continents Collide: Geodynamics and Geochemistry of Ultrahigh-Pressure Rocks (B. Hacker and J.G. Liou, eds.). Kluwer Acad. Publ., The Netherlands. 203-239.
This is the first systematic isotopic and trace element geochemical study of eclogites from the Chinese ultrahigh-pressure metamorphic belt. The data indicates a continental orogin for eclogite, hence providing the most direct evidence for subduction of a continental crust. (citation: 121)

21. S.L. Chung, **B.M. Jahn,** G.Y. Wu, C.H. Lo, B.L. Cong (1998) The Emeishan Basalt in SW China: A plume initiation model and its connection with continental break-up and mass extinction at the Permian-Triassic boundary. In: Mantle Dynamics and Plate Interactions in East Asia (M.F.J. Flower, S.L. Chung, C.H. Lo, and T.Y. Lee, eds.). AGU Geodynamic Series, V. 27, 47-58. (citation : 58)

22. S. Gallet, **B.M. Jahn,** E. Juvigné, B. Van Vliet Lanoë, A. Dia and E.Rossello (1998) Loess geochemistry and its implications for particle origin and composition of the upper continental crust. Earth Planet. Sci. Lett. 156: 157-172. (citation: 81)

23. **B.M. Jahn,** F.Y. Wu, C.H. Lo, C.H. Tsai, 1999. Crust-mantle interaction induced by deep subduction of the continental crust: Geochemical and Sr-Nd isotopic evidence from post-collisional mafic-ultramafic intrusions of the Northern Dabie Complex, Central China. Chem. Geol., v. 157, 119-146.
This paper envisions crust-mantle interaction during deep subduction of continental crust. The model has been widely used in interpretation of the special compositions in post-collisional magmatic rocks. (citation: 188)

24. Yang, J.J., **Jahn, B.M.,** 2000. Deep subduction of mantle-derived garnet peridotite from the Su-Lu UHP metamorphic terrane in China. J. Meta. Geology, 18 : 167-180. (citation: 79)

25. **Jahn, B.M.**, Wu, F.Y., Chen, B. (2000). Massive granitoid generation in Central Asia : Nd isotope evidence and implications for continental growth in the Phanerozoic. Episodes, 23 : 82-92.
This and a series of papers document a massive generation of juvenile crust in Central Asia during the Phanerozoic era. The work has forced a revision of the growth rate of the global continental crust. (citation: 88)

26. Hu, A.Q., **B.M. Jahn,** G.X. Zhang, Y.B Chen, 2000. Crustal evolution and Phanerozoic crustal growth in Northern Xinjiang: Nd-Sr isotopic evidence. Part I: Isotopic characterization of basement rocks. Tectonophysics, 328 : 15-51. (citation: 80)

27. **B.M. Jahn,** S. Gallet, J.M. Han, 2001. Geochemistry of the Xining, Xifeng and Jixian sections, China: Eolian dust provenance and paleosol evolution during the last 140 ka. Chemical Geology, 178 : 71-94. (citation : 61)

28. **B.M. Jahn,** R. Caby, P. Monié, 2001. The oldest UHP eclogites of the world : age of UHP metamorphism, nature of protoliths and tectonic implications. Chemical Geology, 178 : 143-158. (citation : 40)

29. **B.M. Jahn,** F. Wu, R. Capdevila, F. Martineau, Y. Wang, Z. Zhao, 2001. Highly evolved juvenile granites with tetrad REE patterns : The Woduhe and Baerzhe granites from the Great Xing'an (Khingan) Mountains in NE China. Lithos, 59 : 171-198. (citation : 60)

30. Chen, B., **Jahn, B.M.,** 2002. Geochemical and isotopic studies of the sedimentary and granitic rocks of the Altai Orogen of NW China and their tectonic implications. Geological Magazine, 139, 1-13. (citation: 50)

31. Wu, F.Y., Sun, D.Y., Li, H.M., **Jahn, B.M.,** Wilde, S., 2002. A-type granites in northeastern China : age and geochemical constraints on their petrogenesis. Chem. Geol., 187, 143-173. (citation: 119)

32. F.Y. Wu, **B.M. Jahn,** S.A. Wilde, C.H. Lo, T.F. Yui, Q. Lin, W.C. Ge, D.Y. Sun, 2003. Highly fractionated I-type granites in northeastern China (I): Geochronology and petrogenesis. Lithos, 66: 241-243. (citation : 30)

33. F.Y. Wu, **B.M. Jahn,** S.A. Wilde, C.H. Lo, T.F. Yui, Q. Lin, W.C. Ge, D.Y. Sun, 2003. Highly fractionated I-type granites in northeastern China (II): Isotope geochemistry and implications for crustal growth in the Phanerozoic. Lithos, 67, 191-204. (citation : 25)

34. **Jahn, B.M.,** Rumble, D., Liou, J.G., 2003. Geochemistry and isotope tracer study of UHP metamorphic rocks. In: Ultrahigh Pressure Metamorphism, D.A. Carswell and R. Compagnoni (eds.), EMU Notes in Mineralogy series. Chapter 12, p. 365-414. (citation: 34)

35. **Jahn, Bor-ming,** 2004. The Central Asian Orogenic Belt and growth of the continental crust in the Phanerozoic. In: Aspects of the Tectonic Evolution of China (eds., J. Malpas, C.J.N. Fletcher, J.C. Aitchison), Geol. Soc. London. Spec. Pub. No. 226, p. 73-100. (citation: 19)

36. Chen, B., **Jahn, B.M.,** 2004. Genesis of post-collisional granitoids and basement nature of the Junggar Terrane, NW China : Nd-Sr isotope and trace element evidence. J. Asian Earth Sci., 23, 691-703. (citation: 49)

37. **Jahn, B.M.,** Liu, X.C., Yui, T.F., Morin, N., Le Coz Bouhnik, M., 2005. High-pressure/ultrahigh-pressure eclogites from the Hong'an Block, east-central China: geochemical characterization, isotope disequilibrium and geochronological controversy. Contrib. Mineral. Petrol., 149: 499-526. (citation: 14)

38. **Jahn, B.M.,** Chen B., 2007. Dabieshan UHP metamorphic terrane : Sr-Nd-Pb isotopic constraint regarding pre-metamorphic subduction polarity. International Geology Review 49, 14-29. (citation: 1)

39. **Jahn, B.M.,** Liu, D.Y., Wan, Y.S., Song, B., Wu, J.S., 2008. Archean crustal evolution of the Jiaodong Peninsula, China, as revealed by zircon SHRIMP geochronology, elemental and Nd-isotope geochemistry. Am. Jour. Science, v. 308, 232-269. (citation: 1)

Appendix: Full list of publication

1. V.R. Murthy, N.M. Evensen , B.M. Jahn, M.R. Coscio, Jr., 1971, Rb-Sr ages and elemental abundances of K, Rb, Sr and Ba in samples from the Ocean of Storms. Geochim. Cosmochim. Acta, v. 35, 1139-1154.

2. Bor-ming Jahn, 1972, Reinterpretation of geologic evolution of the Coastal Range, Taiwan. Bull. Geol. Soc. America, v. 83, 241-248.

3. V.R. Murthy, N.M. Evensen, B.M. Jahn, 1972, Rb-Sr and K-Ar ages of lunar sample 15555. Science, v. 175, 419-421.

4. V.R. Murthy, N.M. Evensen, B.M. Jahn, M.R. Coscio, Jr., 1972, Apollo 14 and 15 samples: Rb-Sr ages, trace elements and lunar evolution. Proc. 3rd Lunar Sci. Conf., v. 2, 1503-1514.

5. Bor-ming Jahn, 1973, A petrogenetic model for the igneous complex in the Spanish Peaks region, Colorado. Contr. Mineral. Petrol., V. 41, 241-258.

6. L.E. Nyquist, N.J. Hubbard, P.W. Gast, B.M. Bansal, H. Wiesmann, B.M. Jahn, 1973, Rb-Sr systematics for chemically defined Apollo 15 and 16 materials. Proc. 4th Lunar Sci. Conf., v. 2, 1823-1846.

7. Bor-ming Jahn, C.Y. Shih, V.R. Murthy, 1974, Trace element geochemistry of Archean volcanic rocks. Geochim. Cosmochim. Acta, v. 38, 611-627.

8. Bor-ming Jahn, C.Y. Shih, 1974, On the age of the Onverwacht Group, Swaziland Sequence, South Africa. Geochim. Cosmochim. Acta, v. 38, 873-885.

9. Bor-ming Jahn, 1974, Mesozoic thermal events in southeast China. Nature, v. 248, 480-483.

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