



江 博 明 特聘研究員（2010年9月1日退休）
Jahn, Bor-ming Distinguished Research Fellow (Retired 9/1/2010)
TEL : +886-2-3366-2906
E-mail: bmjahn@ntu.edu.tw
Specialty: Geochemistry, Isotope & Trace Element Geochemistry

研究領域：利用元素及同位素地球化學之原理及技術去探討岩石成因及大地構造之問題。例如地球的上部地幔演化、大陸地殼增生、岩漿岩的成因（科馬提岩、玄武岩、花崗岩）、沉積岩的地球化學與上部地殼的組成、太古代克拉通的演化、大陸地殼隱沒及超高壓變質作用、黃土成因及古氣候變化、碳酸岩定年等等。

[Research Domain]

General: Geochronology, isotope and trace element geochemistry.

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.

[學 歷] [Education]

- 1963 年台大地質系學士
National Taiwan University, Taipei, Taiwan, B.Sc. 1963, Geology
- 1967 年美國布朗大學碩士
Brown University, Providence, R.I., U.S.A., M.Sc. 1967, Geochemistry
- 1972 年美國明尼蘇達大學博士
University of Minnesota, Minneapolis, Minnesota, U.S.A., Ph.D., 1972, Geology and Geophysics (Geochemistry)

[Professional Positions]

Present:

- Distinguished Chair Professor, National Taiwan University (09/2010 –)

Past positions:

- Director and Distinguished Research Fellow, Institute of Earth Sciences, Academia Sinica (Aug. 2004 - Aug. 2010)
- Professor (joint appointment), National Taiwan University (Aug. 2004 - Aug. 2010)

- 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)

[Domestic Responsibilities]

- 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)
- 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諮詢委員 (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)
- 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 (1/1/2007 - 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諮詢委員會委員 (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)
- 中國地質學會 (台灣) 理事 (2005- 2007)
- 中國地質學會 (台灣) 理事 (2007-)
- 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 -)
- Editorial board member: Chemical Geology, Elsevier (2000 -)

- Editorial board member: Precambrian Research, Elsevier (1985 -)
- 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 *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*, *American Journal of Science*, *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)
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)

[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 and European Association for Geochemistry (02/2006)
7. **Honorary professor**, Chinese Academy of Geological Sciences. Beijing, China
8. "**Guest Professor**", Institute of Geology, Chinese Academy of Sciences, Beijing.
9. **Honorary professor**, Jilin University, Changchun, China
10. "**Guest Professor**", Institute of Geochemistry, Chinese Acad. Sci., Guangzhou, China
11. "**Guest Professor**", University of Science and Technology of China, Hefei, China
12. "**Guest Professor**", Northwest University, Xi'an, China
13. **President**, Chinese Union of Geosciences, Taiwan (2005-2007)

[Membership of Academic Societies]

- American Geophysical Union
- Geochemistry Society (**Fellow**)
- European Association for Geochemistry (**Fellow**, in common w/ Geochemical Society)

- 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

[著 作]

Articles (peer-reviewed): about 201

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.
10. L.E. Nyquist, B.M. Bansal, H. Wiesmann, B.M. Jahn, 1974, Taurus Littrow chronology: some constraints on early lunar crustal development. *Proc. 5th Lunar Sci. Conf.*, v. 2, 1439-1515.
11. S.S. Sun, Bor-ming Jahn, 1975, Lead and strontium isotopes in post-glacial Icelandic basalts. *Nature*, v. 255, 527-530.
12. R.J. Floran, C.H. Simonds, R.A.F. Grieve, W.C. Phinney, J.L. Warner, M.J. Rhodes, B.M. Jahn, M.R. Dence, 1976, Petrology, structure and origin of the Manicouagan impact melt sheet, Quebec, Canada. *Geophys. Res. Lett.*, v. 3, 49-52.
13. Bor-ming Jahn, L.E. Nyquist, 1976, Crustal evolution in the early earth-moon system : constraints from Rb-Sr studies. in : "The Early history of the Earth", B. Windley (ed.), John, Wiley and Sons, Co., 55-76.
14. 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.
15. J.C. Liou, B.M. Jahn, T.P. Yen, 1976, Petrology of the East Taiwan ophiolites. *Petroleum Geology (Rep. of China)*, No. 13, 59-82.
16. Bor-ming Jahn, K.C. Condie, 1976, On the age of Rhodesian greenstone belts. *Contr. Mineral. Petrol.*, v. 57, 317-330.
17. Bor-ming Jahn, J.G. Liou, 1977, Age and geochemical constraints of glaucophane schists of Taiwan. *Mem. Geol. Soc. China*, No. 2, 129-140.
18. Bor-ming Jahn, R.J. Floran, C.H. Simonds, 1978, Rb-Sr isochron age of the Manicouagan melt sheet, Quebec, Canada. *J. Geophys. Res.*, v. 83, 2799-2803.
19. Bor-ming Jahn, 1978, Trace element geochemistry of Archean volcanic rocks and its implication for the chemical evolution of the upper mantle. *Bull. Soc. Geol. France*, v. 14, 1259-1269.

20. S. Blais, B. Auvray, R. Capdevila, B.M. Jahn, J. Hameurt, J.M. Bertrand, 1978, The Archean greenstone belts of Karelia (eastern Finland) and their komatiitic and tholeiitic series. in : "Archean Geochemistry", B.F. Windley and S.M. Naqvi edited, Elsevier, Amsterdam, 87-107.
21. Bor-ming Jahn, S.S. Sun, 1979, Trace element distribution and isotopic composition of Archean greenstones. in : Origin and Distribution of the Elements, Second Symposium, Phys. Chem. Earth, v. 11, 597-618.
22. Bor-ming Jahn, S.S. Sun, R.W. Nesbitt, 1979, REE distribution and petrogenesis of the igneous complex in the Spanish Peaks region, Colorado. *Contr. Mineral. Petrol.*, v. 70, 281-298.
23. 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.
24. Bor-ming Jahn, Ph. Vidal, and G. Tilton, 1980, Archean mantle heterogeneity : evidence from chemical and isotopic abundances in Archean igneous rocks. *Phil. Transaction Royal Soc. London*, A297, 353-364.
25. Bor-ming Jahn, J. Bernard-Griffiths, R. Charlot, J. Cornichet, F. Vidal (1980) Nd and Sr isotopic compositions and REE abundances of Cretaceous MORB (Holes 417D and 418A, Legs 51, 52 and 53). *Earth Planet. Sci. Lett.*, v. 48, 171-184.
26. Ph. Vidal, G.R. Tilton, S. Blais, B.M. Jahn, R. Capdevila (1980) U-Pb and Rb-Sr systematics of the Suomussalmi Archean greenstone belt (eastern Finland). *Geochim Cosmochim Acta*, v. 44, 2033-2044.
27. Bor-ming Jahn, J.G. Liou, H. Nagasawa (1981) High pressure metamorphic rocks of Taiwan: REE geochemistry, Rb-Sr ages and tectonic implications. *Geol. Soc. China Mem No. 4*, 497-520.
28. 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.
29. J. Bernard-Griffiths, Bor-ming Jahn (1981) REE geochemistry and petrogenesis of some eclogites and associated rocks from Sauviat, Massif Central, France. *Lithos*, 14 : 263-274.
30. B. Auvray, S. Blais, Bor-ming Jahn, D. Piquet (1982) Komatiites and komatiitic series of the Finnish greenstone belts. in : komatiites, N. Arndt and E. Nisbet (eds.), Allen and Unwin, London, 131-146.
31. R.W. Nesbitt, Bor-ming Jahn, and A.C. Purvis (1982) Komatiites : An early Precambrian phenomenon. *J. Volcanology and Geothermal Res.* 14 : 31-45.
32. 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.*, 80 : 25-40.
33. H. Martin, C. Chauvel, Bor-ming Jahn (1983) Major and trace element geochemistry and crustal evolution of granodioritic Archean rocks from eastern Finland. *Precambrian Res.*, 21: 159-180.
34. H. Martin, C. Chauvel, Bor-ming Jahn, Ph. Vidal (1983) Rb-Sr and Sm-Nd isotopic ages and geochemistry of Archean granodioritic rocks from eastern Finland. *Precambrian Res.*, 20: 79-91.
35. Bor-ming Jahn, A. Schrank (1983) REE geochemistry of komatiites and associated rocks from Piumhi, southeastern Brazil. *Precambrian Res.* 21 : 1-20.
36. C. Chauvel, Bor-ming Jahn (1984) Nd-Sr isotope and REE geochemistry of alkali basalts from the Massif Central, France. *Geochim. Cosmochim. Acta*, 48 : 93-110.
37. 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.
38. Bor-ming Jahn, Z.Q. Zhang (1984) Radiometric ages (Rb-Sr, Sm-Nd, U-Pb) and REE geochemistry of Archean granulite gneisses from eastern Hebei Province, China. In : *Archean Geochemistry*, G.N. Hanson, A. Goodwin, A. Kröner (eds.), Springer-Verlag, 204-234.
39. E. Tual, Bor-ming Jahn, H. Bougault, J.L. Joron (1984) Geochemistry of basalts from Hole 504B, Leg 83, Costa Rica Rift. *Initial Report of Deep Sea Drilling Project, Vol. 83*, 201-214.
40. Bor-ming Jahn, Ph. Vidal, Alfred Kröner (1984) Multichronometric ages and origin of Archean tonalitic gneisses in Finnish Lapland : a case for long crustal residence time. *Contrib. Mineral. Petrol.*, 86 : 398-408.
41. Bor-ming Jahn, F. Martineau, J. Cornichet (1984) Chronological significance of Sr isotopic compositions in the crystalline limestones of the Central Range, Taiwan. *Mem. Geol. Soc. China*, No. 6, 295-301.

42. H. Martin, B. Auvray, S. Blais, R. Capdevila, J. Hameurt, Bor-ming Jahn, D. Piquet, G. Querré (1984) Origin and geodynamic evolution of the Archaean crust of eastern Finland. *Bull. Geol. Soc. Finland*, 56 : 135-160.
43. A.Y. Glikson, Bor-ming Jahn (1985) REE and LIL elements, eastern Kaapvaal Shield, South Africa : evidence of crustal evolution by 3-stage melting. In : L.D. Ayers, P.C. Thurston, K.D. Card, W. Weber (eds.) *Evolution of Archean Supracrustal Sequences*. Geol. Assoc. Canada Special Paper 28 : 303-324.
44. Bor-ming Jahn, F. Martineau, J.J. Peucat, J. Cornichet (1986) Geochronology of the Tananao Schist Complex, Taiwan. *Tectonophysics*, 125 : 103-124.
45. J.J. Peucat, Bor-ming Jahn, J. Cornichet (1986) High precision zircon U-Pb age of a tonalite from the Archean granite-greenstone terrain, Qingyuan, NE China. *Proceedings of Precambrian Crustal Evolution*. No. 3. Geol. Publ. House (Beijing), 222-229.
46. Bor-ming Jahn (1986) Mid-Ocean ridge or marginal basin origin of the East Taiwan ophiolite : isotopic and chemical evidence. *Contrib. Mineral. Petrol.* vol 92, 194-206.
47. Bor-ming Jahn, F. Martineau, J.J. Peucat, J. Cornichet (1986) Geochronology of the Tananao schist complex and crustal evolution of Taiwan. *Mem. Geol. Soc. China*, No. 7, 383-404.
48. J. Bernard-Griffiths, M.S.N. Carpenter, J.J. Peucat, J. Cornichet (1986) Geochemical and isotopic characteristics of blueschist facies rocks from the île de Groix, Armorican Massif (northwest France). *Lithos*, 19 : 235-253.
49. A.Y. Glikson, C. Pride, Bor-ming Jahn, R. Davy, A.H. Hickman (1986) RE and HFS (Ti, Zr, Nb, P, Y) element evolution of Archaean mafic-ultramafic volcanic suites, Pilbara Block, Western Australia. Bureau of Mineral Resources, Geology and Geophysics, Record No. 1986/6, 85 pp.
50. W.G. Ernst, Bor-ming Jahn (1987) Crustal accretion and metamorphism in Taiwan, a post-Paleozoic mobile belt. *Phil. Trans. R. Soc. London*, A321, 129-161.
51. Bor-ming Jahn, B. Auvray, J. Cornichet, Y.L. Bai, Q.H. Shen, D.Y. Liu (1987) 3.5 Ga old amphibolites from eastern Hebei Province, China : Field occurrence, petrography, Sm-Nd isochron age and REE geochemistry. *Precambrian Research*, 34 : 311-346.
52. G. Gruau, B.M. Jahn, A.Y. Glikson, R. Davy, A.H. Hickman (1987) Age of the Talga-Talga Subgroup, Pilbara Block, Western Australia, and early evolution of the mantle : new Sm-Nd isotopic evidence. *Earth Planet. Sci. Lett.*, 85 : 105-116.
53. S. Blais, B. Auvray, Bor-ming Jahn, K. Taipale (1987) Processus de fractionnement dans les coulées komatiitiques archéennes : cas des lavas à spinifex de la ceinture de roches vertes de Tipasjärvi (Finland orientale). *Can. J. Earth Sci.* 24: 953-966.
54. J. Bernard-Griffiths, Bor-ming Jahn, S.K. Sen (1987) Sm-Nd isotopes and REE geochemistry of Madras granulites, India : an introductory statement. *Precambrian Research*, 37 : 343-355.
55. A.Y. Glikson, R. Davy, A.H. Hickman, C. Pride, Bor-ming Jahn (1987) Trace elements geochemistry and petrogenesis of Archaean felsic igneous units, Pilbara Block, Western Australia. *BMR, Geology and Geophysics Record* 1987/30. 63 pp.
56. Bor-ming Jahn, 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.
57. Bor-ming Jahn (1988) Pb-Pb dating of young marbles from Taiwan and its tectonic implications. *Nature*, 332 : 429-432.
58. Bor-ming Jahn (1989) Dating of Archean rocks : a discussion of methodology and limitations. *Geochemica*, No. 2, 103-120 (in chinese).
59. Bor-ming Jahn (1990) Early Precambrian basic rocks of China. in : *Early Precambrian Basic Magmatism*. R.P. Hall and D.J. Hughes (eds.), Blackie and Sons Ltd., Glasgow, 294-316, plus references.
60. Bor-ming Jahn, W.G. Ernst (1990) Late Archean Sm-Nd isochron age for mafic-ultramafic supracrustal amphibolites from the northeastern Sino-Korean Craton, China. *Precambrian Research*, 46: 295-306.
61. Bor-ming Jahn (1990) Early Precambrian basic rocks of China. in : *Early Precambrian Basic Magmatism*. R.P. Hall and D.J. Hughes (eds.), Blackie and Sons Ltd., Glasgow, 294-316, plus references.

62. Bor-ming Jahn (1990) Origin of granulites : geochemical constraints from Archean granulite facies rocks of the Sino-Korean Craton, China. NATO ASI Series : Granulites and Crustal Evolution, D. Vielzeuf and Ph. Vidal (eds.), Kluwer Acad. Publ. 471-492.
63. 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.
64. C.H. Chen, Bor-ming Jahn, Typhoon Lee, C.H. Chen, J. Cornichet (1990) Sm-Nd isotopic geochemistry of sediments from Taiwan and implications for tectonic evolution of SE China. *Chemical Geology*, 88: 317-332.
65. B.M. Jahn, J. Bertrand-Sarfati, N. Morin, J. Macé (1990) Direct dating of stromatolitic carbonates from the Schmidtsdrif Formation (Transvaal Dolomite), South Africa, with implications on the age of the Ventersdorp Supergroup. *Geology*, v. 18, 1211-1214.
66. J. A. Barrat, B.M. Jahn, J.L. Joron, B. Auvray, H. Hamdi (1990) Mantle heterogeneity in NE Africa: evidence from Nd isotopic compositions and hygromagmaphile element geochemistry of basaltic rocks from the Gulf of Tadjoura and southern Red Sea regions. *Earth Planet. Sci. Lett.* v. 101: 233-247.
67. Liu, D.Y., Shen, Q.H., Zhang, Z.Q., Jahn, B.M., Auvray, B., (1990) Archean crustal evolution in China : U-Pb geochronology of the Qianxi Complex. *Precambrian Res.*, 48 : 223-244.
68. Tzen-Fu Yui, T.W. Wu, B.M. Jahn (1990) Geochemistry and plate-tectonic significance of the metabasites from the Tananao Schist Complex of Taiwan. *Journal SE Asian Earth Sci.*, v. 4: 357-368.
69. C.Y. Lan, T. Lee, S.A. Mertzman, T.Y. Wu, B.M. Jahn, T.F. Yui, J.J.S. Shen (1991) Geochemical and isotopic study of gneiss-associated metabasites at the Central Range, Taiwan. *Proc. Geol. Soc. China*, 34: 233-266.
70. H. Martin, B. Bonin, J. Didier, B.M. Jahn, J. Lameyre, Y.Z. Qiu, Y.X. Wang (1991) The Fuzhou granitic complex (SE China): petrology and geochemistry. *Geochimica*, No. 2, 101-111. (in Chinese, with English abstract).
71. B.M. Jahn, W.R. Chi, T.F. Yui (1992) A late Permian Formation of Taiwan (Marbles from Chia-Li Well No. 1): Pb-Pb isochron and Sr isotopic evidence, and its regional geological significance. *Jour. Geol. Soc. China*, 35: 193-218.
72. C.Y. Lan, B.M. Jahn, S.A. Mertzman, T.W. Wu, T.F. Yui (1992) Metasomatism of amphibolite enclaves in the Yuantoushan and Fanpaochienshan areas of NE Taiwan. *Jour. Geol. Soc. China*, 35: 173-192.
73. H. Martin, B. Bonin, R. Capdevila, J. Didier, B.M. Jahn, J. Lameyre, Y.Z. Qiu, Y.X. Wang (1992) The Fuzhou granitic complex (SE China): petrology and geochemistry. In: G.Z. Tu, K.Q. Xu and Y.Z. Qiu (eds.), *Petrogenesis and mineralization of granitoids*. Science Press, Beijing, New York, 369-382.
74. J.A. Barrat, B.M. Jahn, S. Fourcade, J.L. Joron (1993), Magma genesis in an ongoing rifting zone: The Tadjoura Gulf (Afar area). *Geochim. Cosmochim. Acta*, 57: 2291-2302.
75. P. Choukroune, B. Auvray, B.M. Jahn, T. Chen, Y.S. Geng, D.Y. Liu (1993) Coupe structurale de la croûte archéenne en Hebei (Craton sino-coréen, Chine du Nord), *C.R. Acad. Sci. Paris*, 316: 669-675.
76. 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.
77. H. Martin, B. Bonin, R. Capdevila, Bor-ming Jahn, J. Lameyre, Y. Wang (1994) The Kuiqi alkaline granitic complex (SE China) : petrology and geochemistry. *Journal Petrol*, 35: 983-1015 .
78. B.M. Jahn, K.C. Condie (1994) Evolution of the Kaapvaal Craton as viewed from geochemical and Sm-Nd isotopic analyses of intracratonic pelites. *Geochim. Cosmochim. Acta*, v. 59, No. 11: 2239-2258.
79. S.L. Chung, B.M. Jahn, S.J. Chen, T. Lee, C.H. Chen (1995) Miocene basalts in NW Taiwan: evidence for EM-type mantle sources in the continental lithosphere. *Geochim. Cosmochim. Acta*, 59: 549-555.
80. B.M. Jahn, B. Simonson (1995) Carbonate Pb-Pb ages of the Wittenoom Formation and Carawine Dolomite, Hamersley Basin, Western Australia (with implications for their correlation with the Transvaal Dolomite of South Africa), *Precambrian Research*, 72: 247-261.

81. C.Y. Lan, T. Lee, B.M. Jahn, T.F. Yui (1995) Taiwan as a witness of repeated mantle inputs - Sr-Nd-O isotopic geochemistry of Taiwan granitoids and metapelites, *Chemical Geology*, 124: 287-303.
82. B.M. Jahn, J. Cornichet, B.L. Cong (1995) Crustal evolution of the Qinling-Dabie Orogen: Isotopic and geochemical constraints from coesite-bearing eclogites of the Su-Lu and Dabie terranes, China. *Chinese Sci. Bull.*, 40 Suppl., 116-119.
83. V. Chavagnac, B.M. Jahn (1995) Sm-Nd isotopic ages and geochemical characteristics of the Bixiling Complex, Dabie Mountains, China. *Chinese Sci. Bull.*, 40 Suppl., 126-127.
84. 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.
85. B.M. Jahn, J. Cornichet, B.L. Cong, T.F. Yui (1996) Ultra-high ϵ_{Nd} eclogites from an ultra-high pressure metamorphic terrane of China. *Chem. Geol.* 127: 1-24.
86. 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.
87. 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.
88. C.Y. Lan, B.M. Jahn, S.A. Mertzman, T.W. Wu (1996) Subduction-related granitoids of Taiwan. *J. SE Asian Earth Sciences.* 14: 11-28.
89. B.M. Jahn (1997), Géochimie des granitoïdes archéens et de la croûte primitive. In: R. Hagemann and M. Treuil (eds.), *Introduction à la Géochimie et ses Applications* (Chap. 8). Editions Thierry Parquet.
90. B.M. Jahn (1997) Comments on "Sm-Nd isotopic age of Precambrian-Cambrian boundary in China" by Yang Jie-dong et al., *Geol. Mag.* 134: 571-574.
91. H. Lapiere, B.M. Jahn, J. Charvet, Y.W. Yu (1997) Mesozoic felsic arc magmatism and continental olivine tholeiites in Zhejiang Province and their relationship with the tectonic activity in southeastern China. *Tectonophysics* 274: 321-338.
92. B.F. Han, 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.
93. J.G. Liou, R.Y. Zhang and B.M. Jahn (1997) Petrology, geochemistry and isotope data on a ultrahigh-pressure jadeite quartzite from Shuanghe, Dabie Mountains, East-central China. *Lithos*, 41: 59-78.
94. J.A. Barrat, B.M. Jahn, J. Amossé, R. Rocchia, F. Keller, G. Poupeau, and E. Diemer (1997) Geochemistry and origin of Libyan desert glasses. *Geochim. Cosmochim. Acta*, 61: 1953-1959.
95. S.L. Chung, H. Cheng, B.M. Jahn, S.Y. O'Reilly, B.Q. Zhu (1997) Major and trace element, and Sr-Nd isotopic constraints on the origin of Paleogene volcanism in South China prior to the South China Sea opening. *Lithos*, 40: 203-220.
96. 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
97. J.A. Barrat, S. Fourcade, B.M. Jahn, J.L. Chéminée, R. Capdevila (1998) Isotopic (Sr, Nd, O) and trace element geochemistry of volcanics from the Erta' Ale Range (Ethiopia). *J. Volc. Geotherm. Res.* 80: 85-100.
98. J.F. Chen and B.M. Jahn (1998) Crustal evolution of southeastern China: Nd and Sr isotopic evidence. *Tectonophysics*, 284: 101-133.
99. B.M. Jahn, G. Gruau, R. Capdevila, J. Cornichet, A. Nemchin, R. Pidgeon, V.A. Rudnik (1998) Archean crustal evolution of the Aldan Shield, Siberia: Geochemical and isotopic constraints. *Precambrian Res.* 91: 333-363.
100. 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.
101. 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.
102. Shimoda, G., Tatsumi, Y., Nohda, S., Ishizaka, K., Jahn, B.M., 1998. Setouchi high-Mg andesites revisited : geochemical evidence for melting of subducting sediments. *Earth Planet Sci. Lett.*, 160 : 479-492.
 103. 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.*, 157 : 119-146.
 104. B.M. Jahn, 1999. Sm-Nd isotope tracer study of UHP metamorphic rocks : Implications for continental subduction and collisional tectonics. *International Geology Review*, 41 : 859-885.
 105. J.F. Chen and B.M. Jahn, 1999. Nd-Sr-Pb isotope tracers and crustal evolution of SE China. Chapter 10. In : *Chemical Geodynamics*, Y.F. Zheng (ed.), Science Publishing Co. Beijing. 262-287.
 106. J.J. Yang, B.M. Jahn, 1999. Sinking intrusion model for the emplacement of garnet-bearing peridotites into continent collision orogens : Comment and Reply. *Geology*, 27 : 767.
 107. Rossello, E.A., Bor-ming Jahn, Tsung-Kwei Liu & J.L. Petrocelli. 1999. New 4,300 yr ¹⁴C age of Glyptodonts at Luján River (Buenos Aires, Argentina) and its implications. II South American Symposium on Isotope Geology (Villa Carlos Paz, Argentina), 105-110.
 108. 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
 109. B.M. Jahn, F.Y. Wu, D. Hong, 2000. Important crustal growth in the Phanerozoic : isotopic evidence of granitoids from east-central Asia. *Proc. Indian Acad. Sci. (Earth Planet. Sci.)* 109 : 5-20.
 110. Liou, J.G., Zhang, R.Y., Jahn, B.M. (2000) Petrological and geochemical characteristics of ultrahigh-pressure metamorphic rocks from the Dabie-Sulu terrane, east-central China. *International Geology Review*, 42 : 328-352.
 111. Jahn, B.M. (2000) Book review : Precambrian crustal evolution of China, X. Ma and J. Bai (eds.). Springer, Berlin. *J. Asian Earth Sciences*, 18 : 633-634.
 112. 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.
 113. B.M. Jahn, 2000. Sm-Nd isotope tracer study of UHP metamorphic rocks : Implications for continental subduction and collisional tectonics. In : *Ultra-high pressure metamorphism and geodynamics in collision-type orogenic belts*. W.G. Ernst and J.G. Liou (eds.), ILP Contribution No. 344, Bellwether Publishing, Ltd., Columbia, Md, U.S.A., 245-271.
 114. Tsai, C.H., Lo, C.H., Liou, J.G., Jahn, B.-m. 2000. Evidence against subduction-related magmatism for the Jiaoziyuan Gabbro, northern Dabie Shan, China. *Geology*, 28 : 943-946.
 115. Jahn, B.M., Griffin, W.L., Windley, B., 2000. Continental growth in the Phanerozoic : evidence from Central Asia. Preface to the special issues. *Tectonophysics*, 328 : pp vii-x.
 116. A.Q. Hu, B.M. Jahn, G.X. Zhang, Q.F. Zhang, 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.
 117. Wu, F.Y., Jahn, B.M., Wilde, S. Sun, D.Y., 2000. Phanerozoic continental growth : Sr-Nd isotopic evidence from the granites of NE China. *Tectonophysics*, 328 : 89-113.
 118. Chen, Bin, Jahn, B.M., Wilde, S., Xu B., 2000. Petrogenesis and tectonic implications of early- to middle-Paleozoic granitoid magmatism in northern Inner Mongolia, North China: Evidence from geochemistry and Sr-Nd isotopes. *Tectonophysics*, 328 : 157-182.
 119. Jahn, B.M., Wu, F.Y., Chen, B., 2000. Granitoids of the Central Asian Orogenic Belt and Continental Growth in the Phanerozoic. *Transactions Royal Society of Edinburgh : Earth Sciences*. 91 : 181-193.
 120. 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.
 121. 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.

122. Chavagnac, V., Jahn, B.M., Villa, I.M., Whitehouse, M.J., Liu, D.Y., 2001. Multichronometric evidence for an "in-situ" origin of the ultra-high pressure metamorphic terrane of Dabieshan, China. *J. Geology*, 109 : 633-646.
123. Peucker-Ehrenbrink, B., Jahn, B.M., 2001. Rhenium-osmium isotope systematics and platinum group element concentrations : loess and the upper continental crust. *Geochemistry, Geophysics and Geosystems (G-cubed)*, Vol. 2, Paper No. 2001GC000172.
124. Xu, Y.G., Chung, S.L., Jahn, B.M., Wu, G.Y., 2001. Petrologic and geochemical constraints on the petrogenesis of Permo-Triassic Emeishan flood basalts in southwestern China. *Lithos*, 58 : 145-168.
125. 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.
126. Liu Yican, Li SG, Xu ST, Jahn BM, Zheng YF, Zhang ZQ, Jiang LL, Chen GB, Wu WP, 2001. Sm-Nd isotope age of eclogites from the northern Dabie zone and its geological implications. *Geochimica*. 30 : 79-87. (in Chinese with English abstract).
127. Jahn, B.M., Chen, B., Li, H.Y., Potel, S., 2001. Continental subduction and mantle metasomatism : consequence on the Cretaceous magmatism and implications for the architecture of the Dabie Orogen. In : *Fluid/slab/mantle interactions and ultrahigh-P minerals (UHPM Workshop 2001 at Waseda University)*. P. 147-152.
128. Chen B., Jahn B-m., Wang S., 2001, Nd isotopic characteristics of the Paleozoic sediments in Altai: implications for the tectonic evolution of the continental crust in North Xinjiang. *Science in China (D)*, 31(3): 226-232.
129. Yarmolyuk, V.V., Litvinovsky, B., Kovalenko, V.I., Jahn, Bor-ming, Zanzvilevich, A.N. and 5 others, 2001. Formation stages and sources of the peralkaline granitoid magmatism of the Northern Mongolia - Transbaikalia Rift Belt during Permian and Triassic. *Petrologia*, v.9, 350-380.
130. 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.
131. Chen, Bin, Jahn, B.M., Wei C.J., 2002. Petrogenesis of Mesozoic granitoids in the Dabie UHP complex, Central China : trace element and Nd-Sr isotope evidence. *Lithos*, 60, 67-88.
132. Chen, B., Jahn, B.M., Ye, K., Liu, J.B., 2002. Cogenetic relationship of the Yangkou gabbro-to-granite unit, Su-Lu terrane, eastern China, and implications for UHP metamorphism. *J. Geol. Soc. London*, 159, 457-467.
133. Litvinovsky, B.A., Jahn, B.M., Zanzvilevich, A.N., Shadaev, M.G., 2002. Crystal fractionation in the petrogenesis of an alkali monzodiorite-syenite series: the Oshurkovo plutonic sheeted complex, Transbaikalia, Russia. *Lithos*, 64, 97-130.
134. Litvinovsky, B.A., Jahn, B.M., Zanzvilevich, A.N., Saunders, A., Poulain, S., Kuzmin, D.V., Reichow, M.K., Titov, A.V., 2002. Petrogenesis of syenite-granite suites from the Bryansky complex (Transbaikalia, Russia) : implications for the origin of A-type granitoid magmas. *Chem. Geol.* 189, 105-133.
135. 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.
136. Zhao Zhenhua, Xiong, X.L., Han, X.D., Wang, Y.X., Jahn, B.M., 2002. Controls on the REE tetrad effect in granites: evidences from the Qianlishan and Baerzhe granites, China. *Geochemical Journal*, 36, 527-543.
137. 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.
138. 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.
139. Jahn B.M., Fan Q.C., Yang J.J., Henin O., 2003. Petrogenesis of the Maowu pyroxenite-eclogite body from the UHP metamorphic terrane of Dabieshan: Chemical and isotopic constraints and tectonic implications. *Lithos*, 70, 243-267.

140. Chen, B., Jahn, B.M., Zhai, M.G., 2003. Sr-Nd isotopic characteristics of the Mesozoic magmatism in the Taihang-Yanshan orogen, northern China craton, and implications for Archean lithosphere thinning. *J. Geol. Soc. London*, 160, 963-970.
141. Fu, B., Touret, J.L.R., Zheng, Y.F., Jahn, B.M., 2003. Fluid inclusions in granulites, granulitized eclogites and garnet clinopyroxenites from the Dabie-Sulu terranes, eastern China. *Lithos*, 70, 293-319.
142. Zheng Y.F., Yang, J. J., Gong, B., Jahn, B. M., 2003. Partial equilibrium of radiogenic and stable isotope systems in garnet peridotite during ultrahigh-pressure metamorphism. *Amer. Mineralogist*, 88, 1633-1643.
143. Liu, X.C., Jahn, B.M., Dong, S.W., Li, H.M., Oberhänsli, R., 2003. Neoproterozoic granulites did not record ultrahigh-pressure metamorphism from the southern Dabie Shan of China. *J. Geology*, 111, 719-732.
144. Barrat, J.A., Joron, J.L., Taylor, R.N., Fourcade, S., Nesbitt, R.W., Jahn, B.M., 2003. Geochemistry of basalts from Manda Hararo, Ethiopia: LREE-depleted basalts in Central Afar. *Lithos*, 69, 1-13.
145. 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.
146. Rumble, D., Liou, J.G., Jahn, B.M., 2004. Continental crust subduction and UHP metamorphism. In : *Treatise on Geochemistry*, Vol. 3. Chap. 3.09, Elsevier, Amsterdam, p. 293-319.
147. 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.
148. Jahn, Bor-ming, Windley, B., Natal'in, B., Dobretsov, N., 2004a. Preface - Phanerozoic continental growth in Central Asia. *Preface, J. Asian Earth Sci.*, 23, 599-603.
149. Jahn, B.M., Capdevila, R., Liu, D.Y., Vernon, A., Badarch, G., 2004b. Sources of Phanerozoic granulites in Mongolia : geochemical and Nd isotopic evidence, and implications for Phanerozoic crustal growth. *J. Asian Earth Sci.*, 23, 629-653.
150. Chen, B., Jahn, B.M., 2004. Genesis of post-collisional granulites and basement nature of the Junggar Terrane, NW China : Nd-Sr isotope and trace element evidence. *J. Asian Earth Sci.*, 23, 691-703
151. Wu, F.Y., Sun, D.Y., Jahn, B.M., Wilde, S., 2004. A Jurassic garnet-bearing granitic pluton from NE China showing tetrad REE patterns. *J. Asian Earth Sci.*, 23, 731-744.
152. Liu X.C., Jahn, B.M., Liu, D.Y., Dong S.W., Li, S.Z., 2004. SHRIMP U-Pb zircon dating of a metagabbro and eclogites from Western Daieshan, China, and some tectonic implications. *Tectonophysics* 394, 171-192.
153. Xie Z., Zheng, Y.F., Jahn, B.M., Balleve, M., Chen, J.F., Gautier, P., Gao, T., Gong, B., Zhou, J., 2004. Sm-Nd and Rb-Sr dating of pyroxene-garnetite from North Dabie in east-central China : problem of isotope disequilibrium due to retrograde metamorphism. *Chem. Geol.*, 206, 137-158.
154. Chen, B., Jahn, B.M., Arakawa, Y., Zhai, M.G., 2004. Petrogenesis of the Mesozoic intrusive complexes from the southern Taihang mountains, North China Craton: elemental and Sr-Nd-Pb isotopic constraints. *Contrib. Mineral. Petrol.*, 148, 489-501.
155. Zhang, R.Y., Liou, J.G., Yang, J.S., Liu, L., Jahn, B.M., 2004. Garnet peridotites in UHP mountain belts of China. *International Geology Review*. 46, 981-1004.
156. Zhao, Zi-Fu, Zheng, Y.F., Wei, C.S., Wu, Y.B., Chen, F.K., Jahn, B.M., 2005. Zircon U-Pb age, element and C-O isotope geochemistry of post-collisional mafic-ultramafic rocks from the Dabie orogen in east-central China. *Lithos*, 83, 1-28.
157. Liu, Y.C., Li, S.G., Xu, S.T., Jahn, B.M., Zheng, Y.F., Zhang, Z.Q., Jiang, L.L., Chen G.B., Wu, W.P., 2005. Geochemistry and geochronology of eclogites from northern Dabie Mountains, central China. *J. Asian Earth Sci.*, 25, 431-443.
158. 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.

159. Lin, L.H., Wang, P.L., Lo, C.H., Tsai, C.H., Jahn, B.M., 2005, 40Ar-39Ar thermochronological constraints on the exhumation of ultrahigh-pressure metamorphic rocks in the Sulu terrane of eastern China. *International Geology Review* 47, 872-886.
160. Liu, X.C., Jahn, B.M., Zhao, Y., Li, M., Li, H., Liu, X., 2006. Pan-African granitoids from the Grove Mountains, East Antarctica: ages, origin and tectonic implications. *Precambrian Research*, 145, 131-154.
161. Wang, Tao, Hong, Da-wei, Jahn, B.M., Tong Y., Wang Yan-bin, Han Bao-fu, Wang Xiao-xia, 2006. Timing, petrogenesis and setting of Paleozoic synorogenic intrusions from the Altai Mountains, Northwest China: implications for the tectonic evolution of an accretionary orogen. *Jour. Geol.*, 114, 735-751.
162. Tong L., Jahn B.M., Iizuka Y. and Xu Z., 2006. Assemblages and Textural Evolution of UHP Eclogites from the Chinese Continental Scientific Drilling Main Hole. *International Geology Review* 49, 73-89.
163. Wang, Xiaoxia, Wang, T., Jahn, B.M., Hu, N.G., Chen, W. (2006) Tectonic significance of Late Triassic post-collisional lamprophyre dykes from the Qinling Mountains (China). *Geological Magazine*, 144, 1-12
164. 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.
165. Tong L., Jahn B.M., Iizuka Y. & Xu Z., 2007. Assemblages and Textural Evolution of UHP Eclogites from the Chinese Continental Scientific Drilling Main Hole. *International Geology Review* 49, 73-89.
166. Katzir, Y., Eyal, M., Litvinovsky, B.A., Jahn, B.M., Zandvilevich, A.N., Valley, J.W., Beeri, Y., Pelly, I., Shimshilashvili, E. (2007) Petrogenesis of A-type granites and origin of vertical zoning in the Katharina pluton, Gebel Mussa (Mt. Moses) area, Sinai, Egypt. *Lithos*, 95, 208-228.
167. Katzir, Y., Litvinovsky, B.A., Jahn, B.M., Eyal, M., Zandvilevich, A.N., Valley, J.W., Vapnik, Ye., Beeri, Y., Spicuzza, M., 2007. Interrelations between coeval mafic and A-type silicic magmas from composite dikes in a bimodal suite of southern Israel, northernmost Arabian-Nubian Shield: geochemical and isotope constraints. *Lithos*, 97, 336-364.
168. Wu, F.Y., Yang, J.H., Lo, C.H., Wilde S.A., Sun, D.Y., Jahn, B.M., 2007. The Heilongjiang Group: a Jurassic accretionary complex in the Jiamusi Massif at the western Pacific margin of northeastern China. *Island Arc*, 16, 156-172.
169. Wang, Tao, Tong, Y., Jahn, B.M., Zou T.R., Hong D.W., Wang, Y.B., Han B.F. (2007) SHRIMP U-Pb zircon geochronology of the Altai No. 3 Pegmatite, NW China, and its implications for the origin and tectonic setting of the pegmatite. *Ore Geology Reviews*, 32, 325-336.
170. Liu Xiaochun, Jahn Bor-ming, Zhao Yue, Zhao, G.C. and Liu Xiaohan. 2007. Geochemistry and geochronology of high-grade rocks from the Grove Mountains, East Antarctica: evidence for a Neoproterozoic basement metamorphosed during a single Cambrian tectonic cycle. *Precambrian Research*, 158, 93-118.
171. Kroener, A., Windley, B.F., Badarch, G., Tomurtogoo, O., Hegner, E., Jahn, B.M., Gruschka, S., Khain, E.V., Demoux, A., Wingate, M.T.D. (2007) Accretionary growth and crust-formation in the Central Asian Orogenic Belt and comparison with the Arabian-Nubian Shield. In: Hatcher, R.D., Jr., Carlson, M.P., McBride, J.H. & Catalan, J.M. (eds.), 4-D framework of the continental crust - Integrating crustal processes through time. *Geol. Soc. America, Memoir* 200, 181-209.
172. Wang, C.H., Jahn, B.M., and King, H.B., 2007. Weather patterns and water resource management in Taiwan. In: *Elements for Life* (World Meteorological Organization WMO, ed.), Tudor Rose Publications (ISBN 92-63-11021-2), p. 72-73. (Non-SCI)
173. Chen B., Tian W., Jahn B.M. and Chen Z.C., 2008. Zircon SHRIMP U-Pb ages and in-situ Hf isotopic analysis for the Mesozoic intrusions in South Taihang, North China craton: Evidence for hybridization between mantle-derived magmas and crustal components. *Lithos*, 102, 118-137.
174. 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. [[pdf](#)]
175. Liu Xiaochun, Jahn Bor-ming, Dong Shuwen, Jian Ping, Chen, W., Lou Yuxing. 2008. High-pressure metamorphic rocks from the Tongbaishan area, central China: U-Pb and 40Ar/39Ar age constraints on provenance of protoliths and timing of metamorphism. *Lithos*, 105, 301- 318. [[pdf](#)]

176. Lan, C.Y., Lee, C.S., Yui, T.F., Chu, H.T., Jahn, B.M. (2008) The tectonothermal events of Taiwan and their relationship with SE China. *Terr. Atmos. Ocean. Sci.*, 19, 257-278.
177. Osozawa, S., Tsolmon, G., Majigsuren, U., Sereenen, J., Jahn, B.M. (2008) Structural evolution of the Bayanhongor region, west-central Mongolia. *Jour. Asian Earth. Sci.*, 33, 337-352.
178. Wang, Tao, Jahn, B.M., Kovach, V. P., Tong, Y., Hong, D.W., Han, B.F. (2009) Nd-Sr isotopic mapping of the Chinese Altai and implications for continental growth in the Central Asian Orogenic Belt. *Lithos*, 110, 359-372.
179. Zhang, R.Y., Liou, J.G., Zheng, J.P., Griffin, W.L., Yang, Y.H., Jahn, B.M., 2009. Petrogenesis of eclogites enclosed in mantle-derived peridotites from the Sulu UHP terrane: constraints from trace elements in minerals and Hf isotopes in zircon. *Lithos*, 109, 176-192.
180. Chen B., Jahn B.M., Tian W., 2009. Evolution of the Solonker suture zone: constraints from zircon U-Pb ages, in-situ Hf isotopic analysis and whole-rock Nd-Sr isotopes of the subduction- and collision-related magmas and forearc sediments. *J. Asian Earth Sciences*, 34, 245-257. [[pdf](#)]
181. Chen B., Chen Z.C., Jahn B.M., 2009. Origin of mafic enclaves from the Taihang Mesozoic orogen, north China craton. *Lithos*, 110, 343-358.
182. Liou, J.G., Ernst, W.G., Song, S.G., Jahn, B.M., 2009. Tectonics and HP-UHP metamorphism of northern Tibet (Preface). *J. Asian Earth Sciences*, 35, 191-198.
183. Liou, J.G., Ernst, W.G., Zhang, R.Y., Tsujimori, T., Jahn, B.M., 2009. Ultrahigh-pressure minerals and metamorphic terranes – the view from China. *J. Asian Earth Sciences*, 35, 199-231.
184. Chen, B., K. Suzuki, W. Tian, B.M. Jahn and T. Ireland (2009) Geochemistry and Os-Nd-Sr isotopes of the Gaositai Alaskan-type ultramafic complex from northern North China Craton: Implications for mantle-crust interaction. *Contrib. Mineral. Petrol.*, 158(5), [683-702](#). DOI 10.1007/s00410-009-0404-7.
185. Jahn, B.M., Litvinovsky, B., Zanzvilevich, A.N., Reichow, M., 2009. Peralkaline granitoid magmatism in the Mongolian-Transbaikalian Belt: evolution, petrogenesis and tectonic significance. *Lithos*, 113, 521-539. [[pdf](#)]
186. Utsunomiya, A., Jahn, B.M., Ota, T., Safonova, I.Y., 2009. Geochemical and Sr-Nd isotopic study of the Vendian greenstones from Gorny Altai, southern Siberia: implications for the tectonic setting of the formation of greenstones and the role of oceanic plateau in accretionary orogen. *Lithos*, 113, 437-453.
187. Wang, B., Faure, M., Shu, L.S., de Jong, K., Charvet, J., Cluzel, D., Jahn, B.M., Chen, Y., Ruffet, G., 2010. Structural and geochronological study of High-Pressure metamorphic rocks in the Kekesu section (Northwestern China): implications for the late Paleozoic tectonics of the southern Tainshan. *Journal of Geology*, 118, [59-77](#).
188. Tsygankov, A.A. , B.A. Litvinovsky, **B.M. Jahn**, M.K. Reichow, D.Y. Liu, A.N. Larionov, S.L. Presnyakov, Ye.N. Lepekhina, S.A. Sergeev (2010) Sequence of magmatic events in the Late Paleozoic of Transbaikalia, Russia (U-Pb isotope data). *Russian Geology and Geophysics*, 51, 972–994. IESAS[1497](#)
189. Liu, X., **B.M. Jahn**, J. Cui, S. Li, Y. Wu, X.H. Li (2010) Triassic retrograded eclogites and Cretaceous gneissic granites in the Tongbai Complex, central China: Implications for the architecture of the HP/UHP Tongbai–Dabie–Sulu collision zone. *Lithos*, 119, 211–237. IESAS[1498](#)
190. Zhang, R.Y., Iizuka, Y., Ernst, W.G., Liou, J.G., Xu, Z-Q, Tsujimori, T., Lo, C-H. and **Jahn, B-M** (2009) Metamorphic *P-T* conditions and thermal structure of Chinese Continental Scientific Drilling main hole eclogites: Fe-Mg partitioning thermometer vs Zr-in-rutile thermometer. *Journal Metamorphic Geology*, 27, 757-772, doi:10.1111/j.1525-1314.2009.00831.x.
191. Shellnutt, J.G. and **Jahn, B.M.** (2010) Formation of the Late Permian Panzhihua plutonic-hypabyssal-volcanic igneous complex: implications for the genesis of Fe-Ti oxide deposits and A-type granites of SW China. *Earth Planet Sci. Lett.*, 289, 509-519.
192. Eyal, M., B.A. Litvinovsky, **B.M. Jahn**, A.N. Zanzvilevich and Y. Katzir (2010) Origin and evolution of post-collisional magmatism: coeval Neoproterozoic calc-alkaline and alkaline suites of the Sinai Peninsula. *Chemical Geology*, 269, 153-179. IESAS[1402](#)
193. **Jahn, B.M.** (2010) Accretionary orogen and evolution of the Japanese islands - Implications from a Sr-Nd isotopic study of the phanerozoic granitoids from SW Japan. *American J. Sciences*, 310, 1210–1249, doi 10.2475/10.2010.02. IESAS[1547](#)

194. **Shellnutt, J.G.** and **B.M. Jahn** (2011) Origin of Late Permian Emeishan basaltic rocks from the Panxi region (SW China): Implications for the Ti-classification and spatial-compositional distribution of the Emeishan flood basalts. *Journal of Volcanology and Geothermal Research*, 199, 85–95. IESAS[1517](#)
195. **Utsunomiya, A., B.M. Jahn**, K. Okamoto, T. Ota, H. Shinjoe (2011) Intra-oceanic island arc origin for Iratsu eclogites of the Sanbagawa belt, central Shikoku, southwest Japan. *Chemical Geology*, 280, 97-114. IESAS[1516](#)
196. Wu, F.Y., D.Y. Sun, W.C. Ge, Y.B. Zhang, M.L. Grant, S.A. Wilde, **B.M. Jahn** (2011) Geochronology of the Phanerozoic granitoids in northeastern China. *J. Asian Earth Sciences*, 41, doi:10.1016/j.jseaes.2010.11.014. IESAS[1546](#)
197. **Zhang, Z.Y.**, Juhn G. Liou, Jason M. Huberty, Huifang Xu, **K. Maki, B.M. Jahn, Y. Iizuka** (2011) Origin and Metamorphic Evolution of Garnet Clinopyroxenite from the Sulu UHP Terrane, China: Evidence from Mineral Chemistry and Microstructures. In: Ultrahigh pressure metamorphism, 151-185, DOI: 10.1016/B978-0-12-385144-4.00005-9, Elsevier Inc. IESAS[1548](#)
198. Wang, B., L.S. Shu, M. Faure, **B.M. Jahn**, D. Cluzel, J. Charvet, S.L. Chung, S. Meffre (2011) Paleozoic tectonics of the southern Chinese Tianshan: Insights from structural, chronological and geochemical studies of the Heiyingshan ophiolitic melange (NW China). *Tectonophysics*, 497, 85-104. IESAS[1593](#)
199. **Shellnutt, J.G., B.M. Jahn**, M.F. Zhou (2011) Crustal-derived granites in the Panzhihua region, SW China: implications for felsic magmatism in the Emeishan Large Igneous province. *Lithos*, 123, 145-157. IESAS[1582](#)
200. Zhai, Q.G., R.Y. Zhang, **B.M. Jahn**, C. Li, S.G. Song, J. Wang (2011) Triassic eclogites from mcentral mQiangtang, northern Tibet, China: Petrology, geochronology and metamorphic P-T path. *Lithos*, 125, 173-189. IESAS[1594](#)
201. Litvinovsky, B.A., A.A. Tsygankov, **B.M. Jahn**, Y. Katzir, Y. Be'eri-Shlevin (2011) Origin and evolution of overlapping calc-alkaline and alkaline magmas: The Late Palaeozoic post-collisional igneous province of Transbaikalia (Russia). *Lithos*, 125, 845-874. IESAS[1609](#)

Conference abstracts : about 300

Edition of special issues :

1. A. Kröner and B.-M. Jahn, 1985. Precambrian crustal evolution. *Precambrian Research*, Volume 27, Nos. 1-3, pp 1-300.
2. B.-M. Jahn and S. Moorbath, 1990. Early development of the earth and Archaean geochemistry. *Precambrian Research*, Volume 48, Nos. 3, pp 193-325.
3. H. Z. Wang, B.-M. Jahn, and S. L. Mei, 1997. Origin and history of the earth. *Proceedings, 30th IGC, Beijing*. VSP Publications, Utrecht, The Netherlands, 213 pp.
4. B.-M. Jahn, W.L. Griffin, and B. Windley, 2000. Continental growth in the Phanerozoic : evidence from Central Asia. *Tectonophysics*, Volume 328, Issues 1-2, pp. 1-227.
5. B.-M. Jahn, B. Windley, B. Natal'in and N. Dobretsov, 2004. Phanerozoic continental growth in Central Asia. *J. Asian Earth Sci.*, 23, pp. 599-813.
6. A. Kröner and B.-M. Jahn (eds.), 2008. Dunyi Liu special issue Part I. *American Journal of Science*, vol. 308, No. 3, March, 2008, p. 185-397.
7. A. Kröner and B.-M. Jahn (eds.), 2008. Dunyi Liu special issue Part II. *American Journal of Science*, vol. 308, No. 4, April, 2008, p.399-656.
8. J.G. Liou, Gary Ernst, Shuguang Song and Bor-ming Jahn (2009). Tectonics and HP-UHP Metamorphism of northern Tibet. *Journal of Asian Earth Sciences*, vol. 35, issues 3-4, 191-376.

Edition of miscellaneous publications:

1. Jahn, B.M., Chu, H.T., 2004. International Workshop on Accretionary Orogens and Continental Growth. Abstract Volume. Taipei.
2. Jahn, B.M., Chu, H.T., Chang, C.P., 2004. International Workshop on Accretionary Orogens and Continental Growth. Field Excursion Guidebook, Taipei.
3. Jahn, B.M., Chu, H.T., Chung, S.L., Yao, S.K., 2006. Continental growth and orogeny in Asia. Symposium in Taipei, March 20-27, 2006. Abstract volume (156 pp) and Field excursion guidebook (47 pp).

受訪文章

1. 中研院點將錄-江博明所長專訪 — 科學月刊，487,2010.7 月號，500-509.[[內容](#)]
2. 訪中央研究院地球科學所江博明所長 — 巴黎視野，中法文教基金會刊，第十二期，2010 年 9 月 5 日出刊。[[內容](#)]