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3、华南新元古代沉积物源及构造意义

代表论著：

MAJOR PUBLICATION LIST(Peer-reviewed SCI-recogniz)

1. Li, X.H., Li, W.X., Li, Z.X., Liu, Y., 2007. 850-790 Ma bimodal volcanic and intrusive rocks in

northern Zhejiang, South China: a major episode of continental rift magmatism during the breakup of Rodinia. Lithos, 10.1016/j.lithos.2007.04.007

2. Li, X.H., Li, Z.X., Li, W.X., Liu, Y., Yuan, C., Wei, G.J., Qi, C.S. 2007. U-Pb zircon, geochemical and Sr-Nd-Hf isotopic constraints on age and origin of Jurassic I- and A-type granites from central Guangdong, SE China: A major igneous event in respond to foundering of a subducted flat-slab? Lithos, 96: 186-204.
3. Li, X.H., Li, Z.X., Sinclair, J.A., Li, W.X., Carter, G., 2007. Reply to the comment by Zhou et al. on: “Revisiting the “Yanbian Terrane”: Implications for Neoproterozoic tectonic evolution of the western Yangtze Block, South China”. Precambrian Res., 155(3-4), 318-323.
4. Li, X.H., Li, Z.X., Sinclair, J.A., Li, W.X., Carter, G., 2007. Understanding dual geochemical characters in a geological context for the Gaojiacun intrusion: Response to Munteanu and Yao’s discussion. Precambrian Res., 155(3-4), 328-332.
5. Li, Z.X., Li, X.H., 2007. Formation of the 1300 km-wide intra-continental orogen and post-orogenic magmatic province in Mesozoic South China: A flat-slab subduction model. Geology, 35, 179-182.
6. Wang, X.C., Li, X.H., Li, W.X., Li, Z.X., 2007. Ca. 825 Ma komatiitic basalts in South China: First evidence for >1500 °C mantle melts by a Rodinian mantle plume. Geology, 35, 1103-1106.
7. Lin, G.C., Li, X.H., Li, W.X., 2007. SHRIMP U-Pb zircon age, geochemistry and Nd-Hf isotopes of the Neoproterozoic mafic dykes from western Sichuan: Petrogenesis and tectonic implications. Sci. China Ser. D, 50(1), 1-16.
8. Zhang, C.L., Li, X.H., Li, Z.X., Lu, S.N., Ye, H.M., Li, H.M., 2007. Neoproterozoic ultramafic-mafic-carbonatite complex and granitoids in Kuruketage of northeastern Tarim Block, western China: Geochronology, geochemistry and tectonic implications. Precambrian Res., 152, 149-169.
9. Ye, M.F., Li, X.H.*, Li, W.X., Liu, Y., Li, Z.X., 2007. SHRIMP zircon U-Pb geochronological and whole-rock geochemical evidence for an early Neoproterozoic Sibaoan magmatic arc along the southeastern margin of the Yangtze Block. Gondwana Res., 12, 144-156.
10. Zhou, J.B., Li, X.H.*, Ge, W.C., Li, Z.X., 2007. Age and origin of middle Neoproterozoic mafic magmatism in southern Yangtze Block and relevance to the break-up of Rodinia. Gondwana Res., 12, 184-197
11. Zhang, C.L., Li, Z.X., Li, X.H., Yu, H.F., Ye, H.M., 2007. An early Paleoproterozoic high-K intrusive complex in southwestern Tarim Block, NW China: age, geochemistry, and tectonic implications. Gondwana Res., 12, 101-112.
12. Zheng, Y.F., Zhang, S.B., Zhao, Z.F., Wu, Y.B., Li, X.H., Li, Z.X., Wu, F.Y., 2007. Contrasting zircon Hf and O isotopes in the two episodes of Neoproterozoic granitoids in South China: Implications for growth and reworking of continental crust. Lithos, 96: 127-150.
13. Wei, G.J., Deng, W.F., Liu, Y., Li, X.H., 2007. High-resolution sea surface temperature records derived from foraminiferal Mg/Ca ratios during the last 260 ka in the northern South China Sea. Palaeogeography Palaeoclimatology Palaeoecology, 250: 126-138.
14. Wei, G.J., Deng, W.F., Yu, K.F., Li, X.H., Sun, W.D., 2007. Sea surface temperature records in the northern South China Sea from mid-Holocene coral Sr/Ca ratios. Paleoceanography, 22: PA3206, doi:10.1029/2006PA001270.
15. Yuan, C., Sun, M., Xiao, W.J., Li, X.H., Chen, H.L., Lin, S.F., Xia, X.P., Long, X.P., 2007. Accretionary orogenesis of the Chinese Altai: Insights from Paleozoic granitoids. Chem. Geol., 24: 22-39.
16. Li, Z.X., Wartho, J.A., Occhipinti, S., Zhang, C.L., Li, X.H., Wang, J., Bao, C., 2007. Early history of the eastern Sibao Orogen (South China) during the assembly of Rodinia: New mica 40Ar/39Ar dating and SHRIMP U－Pb detrital zircon provenance constraints. Precambrian Res., 159, 79-94.
17. Zhu, W.G., Zhong, H., Li, X.H., Liu, B.G., Deng, H.L., Qin, Y., 2007. 40Ar-39Ar age, geochemistry and Sr-Nd-Pb isotopes of the Neoproterozoic Lengshuiqing Cu-Ni sulfide-bearing mafic-ultramafic complex, SW China. Precambrian Res., 155 (1-2): 98-124.
18. Li, X.H., Liu, Y., Yang, Y.H., Chen, F.K., Tu, X.L., Qi, C.S., 2007. Rapid separation of Lu-Hf and Sm-Nd from a single rock dissolution and precise measurement of Hf-Nd isotopic ratios for national rock standards. Acta Petrol. Sinica, 23(2): 221-226.
19. Yuan, C., Sun, M., Long, X.P., Xia, X.P., Xiao, W.J., Li, X.H., Lin, S.F., Cai, K.D., 2007. Constraining the deposition time and tectonic background of the Habahe Group of the Altai. Acta Petrol. Sinica, 23 (7): 1635-1644.
20. Li, W.P., Zhao, Y., Li, X.H., Lu, F.X.,Liang, X.R., Tu, X.L., 2007. Genesis of the middle-later Jurassic volcanic rocks of Tiaojishan (Lanqi) period and its geodynamic implication, Yanshan Orogen, east China. Acta Petrol. Sinica, 23(3): 557-564.
21. Qi, C.S., Deng, X.G., Li, W.X., Li, X.H., Yang, Y.H., Xie, L.W., 2007. Origin of the Darongshan-Shiwandashan S-type granitoid belt from southeastern Guangxi: geochemical and Sr-Nd-Hf isotopic constraints. Acta Petrol. Sinica, 23(2): 403-412.
22. Wu, F.Y., Li, X.H., Zheng, Y.F., Gao, S., 2007. Lu-Hf isotopic systematics and their applications in petrology. Acta Petrol. Sinica, 23(2): 185-220.
23. Wu, F.Y., Li, X.H., Yang, J.H., Zheng, Y.F., 2007. Discussions on the petrogenesis of granites.

Acta Petrol. Sinica, 23(6): 1217-1238
24. Li, Y.L., Zhou, H.W., Li, X.H., Lo, C.H., 2007. 40Ar-39Ar plateau ages of biotite and amphibole from tonalite of Huangling granitoids and their cooling curve. Acta Petrol. Sinica, 23(5): 1067-1074.
25. Li, X.H., Li, Z.X., Wingate, M.T.D. Chung, S.L., Liu, Y., Lin, G.C., Li, W.X., 2006. Geochemistry of the 755 Ma Mundine Well dyke swarm, northwestern Australia: part of a Neoproterozoic mantle superplume beneath Rodinia? Precambrian Res., 146: 1-15.
26. Li, X.H.., Li, Z.X., Sinclair, J.A., Li, W.X., Carter, G., 2006. Revisiting the "Yanbian Terrane": implications for Neoproterozoic tectonic evolution of the western Yangtze Block, South China. Precambrian Res., 151: 14-30.
27. Li, X.H.., Li, Z.X., Li, W.X., Wang, Y.J., 2006. Initiation of the Indosinian Orogeny in South China: evidence for a Permian magmatic arc on the Hainan Island. J. Geol., 114: 341-353.
28. Zhou, J.B., Li, X.H., 2006. GeoPlot: An Excel VBA program for geochemical data plotting. Comput. Geosci., 32: 554-560.
29. Zhang, C.L., Li, Z.X., Li, X.H., Ye, H.M., Wang, A., Guo, K.Y., 2006. Neoproterozoic bimodal intrusive complex in the southwestern Tarim Block, Northwest China: age, geochemistry, and implications for the rifting of Rodinia. Int. Geol. Rev., 48: 112-128.
30. Liang, X.Q., Fan, W.M., Wang, Y.J., Li, X.H., 2006. Early Mesozoic, post-collisional shoshonitic lamprophyres along the western margin of the South China orogen: geochemical characteristics and tectonic implications. Int. Geol. Rev., 48: 311-328.
31. Greentree, M.R., Li, Z.X., Li, X.H., Wu, H., 2006. Late Mesoproterozoic to earliest Neoproterozoic basin record of the Sibao orogenesis in western South China and relationship to the assembly of Rodinia. Precambrian Res., 151: 79-100.
32. Wei, G.J., Li, X.H., Liu, Y., Shao, L., Liang, X.R., 2006. Geochemical record of chemical weathering and monsoon climate change since the early Miocene in the South China Sea. Paleoceanography, 21, doi:10.1029/2006PA001300.
33. Yang, D.S., Shimizu, M., Shimazaki, H., Li, X.H., Xie, Q.L., 2006. Sulfur Isotope geochemistry of the supergiant Xikuangshan Sb deposit, central Hunan, China: constraints on sources of ore constituents. Resour. Geol., 56: 385-396.
34. Li, X.H., Qi, C.S., Liu, Y., Liang, X.R., Tu, X.L., Xie, L.W., Yang, Y.H., 2005. Petrogenesis of the Neoproterozoic bimodal volcanic rocks along the western margin of the Yangtze Block: new constraints from Hf isotopes and Fe/Mn ratios. Chi. Sci. Bull., 50: 2481-2486.
35. Li, X.H., Su, L., Chung, S.L., Li, Z.X., Liu, Y., Song, B., Liu D.Y., 2005. Formation of the Jinchuan ultramafic intrusion and the world's third largest Ni-Cu sulfide deposit: Associated with the ~825 Ma south China mantle plume? Geochem. Geophys. Geosyst., 6, Q11004, doi:10.1029/2005GC001006.
36. Li, W.X., Li, X.H., Li, Z.X., 2005. Neoproterozoic bimodal magmatism in the Cathaysia Block of South China and its tectonic significance. Precambrian Res., 136: 51-66.
37. Chung, S.L., Chu, M.F., Zhang, Y.Q., Xie, Y.W., Lo, C.H., Lee, T.Y., Lan, C.Y., Li, X.H., Wang, Y.Z., 2005. Tibetan tectonic evolution inferred from spatial and temporal variations in post-collisional magmatism. Earth-Sci. Rev. 68: 173-196.
38. Liang, X.Q., Li, X.H., 2005. Late Permian to Middle Triassic sedimentary records in Shiwandashan Basin: Implication for the Indosinian Yunkai Orogenic Belt, South China. Sediment. Geol., 177: 297-320.
39. Li, X.H., Liu, D.Y., Sun, M., Li, W.X., Liang, X.R., Liu, Y., 2004. Precise Sm-Nd and U-Pb isotopic dating of the super-giant Shizhuyuan polymetallic deposit and its host granite, Southeast China. Geol. Mag., 141: 225-231.
40. Li, X.H., Chung, S.L., Zhou, H.W., Lo, C.H., Liu, Y., Chen, C.H., 2004. Jurassic intraplate magmatism in southern Hunan-eastern Guangxi: 40Ar/39Ar dating, geochemistry, Sr-Nd isotopes and implications for tectonic evolution of SE China. In: Malpas, J., Fletcher, C.J., Aitchison, J.C. Ali, J. (eds.), Aspects of the Tectonic Evolution of China. Geological Society, London, Special Publications, 226, 193-216.
41. Li, X.H., Su, L., Song, B., Liu, D.Y., 2004. SHRIMP U-Pb zircon age of the Jinchuan ultramafic intrusion and its geological significance. Chi. Sci. Bull., 49: 420-422.
42. Li, X.H., Li W.X., Chen, P.J., Wan X.Q., Li, G., Song, B., Jiang, J.H., Liu, J.C., Yin, D.S., Yan, W. 2004. SHRIMP U-Pb zircon dating of the uppermost Cretaceous Furao Formation near the Heilong River: An age closest to the K/T boundary. Chi. Sci. Bull., 49: 860-862.
43. Li, X.H., Li, Z.X., Ge, W., Zhou, H., Li, W., Liu, Y., Wingate, M.T.D., 2004. Reply to the comment: Mantle plume-, but not arc-related Neoproterozoic magmatism in South China. Precambrian Res., 132: 405-407.
44. Wei, G., Liu, Y., Li, X.H., Shao, L., Fang, D., 2004. Major and trace element variations of the sediments at ODP Site 1144, South China Sea, during the last 230 ka and their paleoclimate implications. Palaeogeography, Palaeoclimatology, Palaeoecology 212: 331-342.
45. Liang, X.Q., Li, X.H., Qiu, Y.X., 2004. Intracontinental collisional Orogeny during Late Permian-Middle Triassic in South China: Sedimentary records of the Shiwandashan basin. Acta Geol. Sinica-

English Ed., 78,: 756-762.
46. Li, X.H., Wei, G., Shao, L., Liu, Y., Liang, X., Jian, Z., Sun, M., Wang, P., 2003. Geochemical and Nd isotopic variations in sediments of the South China Sea: a response to Cenozoic tectonism in SE Asia. Earth Planet. Sci. Lett., 211: 207-220.
47. Li, X.H., Li, Z.X., Ge, W., Zhou, H., Li, W., Liu, Y., Wingate, M.T.D., 2003. Neoproterozoic granitoids in South China: crustal melting above a mantle plume at ca. 825 Ma? Precambrian Res., 122: 45-83.
48. Li, X.H., Li, Z.X., Zhou, H.W., Liu, Y., Liang, X., Li, W., 2003. SHRIMP U-Pb zircon age, geochemistry and Nd isotope of the Guandaoshan pluton in SW Sichuan: Petrogenesis and tectonic significance. Sci. in China, Ser. D, 46 (Suppl.): 73-83.
49. Li, X.H., Chen, Z.G., Liu, D.Y., Li, W.X., 2003. Jurassic gabbro-granite-syenite suites from southern Jiangxi Province, SE China: Age, origin and tectonic significance. Int. Geol. Rev., 45: 898-921.
50. Li, Z.X., Cho, M., Li, X.H., 2003. Precambrian tectonics of East Asia and relevance to supercontinent evolution. Precambrian Res., 122: 1-6.
51. Li, Z.X., Li, X.H., Kinny, P.D., Wang, J., Zhang, S. Zhou, H. 2003. Geochronology of Neoproterozoic syn-rift magmatism in the Yangtze Craton, South China and correlations with other continents: evidence for a mantle superplume that broke up Rodinia. Precambrian Res., 122: 85-109.
52. Li, W.X., Li, X.H. 2003. Adakitic granites within the NE Jiangxi Ophiolites, South China: geochemical and Nd isotopic evidence. Precambrian Res., 122: 29-44.
53. Xiong, X.L., Li, X.H., Xu, J.F., Li, W.X., Zhao, Z.H., Wang, Q., Chen, X.M., 2003. Extremely high-Na adakite-like magmas derived from alkali-rich basaltic underplate: the Late Cretaceous Zhantang andesites in the Huichang Basin, SE China. Geochem. J., 37: 233-252.
54. Wei, G., Liu, Y., Li, X.H., Chen, M.H., Wei, W.C., 2003. High-resolution elemental records from the South China Sea and their paleoproductivity implications. Paleoceanography, 18(2), Art. No. 1054.
55. Wei, G., Liu, Y., Li, X.H., Shao, L., Fang, D., 2003. Climate impact on Al, K, Sc and Ti in marine sediments: Evidence from ODP Site 1144. Geochem. J., 37 (5): 593-602.
56. Liu, Y.M., Xu, J., Dai, T., Li, X.H., Deng, X., Wang, Q., 2003. 40Ar/39Ar isotopic ages of Qitianling granite and their geologic implications. Sci. in China, Ser. D, 46 (Suppl.): 50-59.
57. Wang, Q., Zhao, Z.H., Xu, J.F., Li, X.H., Bao, Z.W., Xiong, X.L., Liu, Y.M., 2003. Petrogenesis and metallogenesis of the Yanshanian adakite-like rocks in the Eastern Yangtze Block. Sci. in China, Ser. D, 46 (Suppl.): 164-176.
58. Wang, J., Li, X.H., Duan, T.Z., Liu, D.Y., Song, B., Li, Z.X., Gao, Y.H., 2003. Zircon SHRIMP U-Pb dating for the Cangshuipu volcanic rocks and its implications for the lower boundary age of the Nanhua strata in South China. Chi. Sci. Bull., 48 (16): 1663-1669.
59. Li, X.H., Li, Z.X., Zhou, H., Liu, Y., Kinny, P.D., 2002. U-Pb zircon geochronology, geochemistry and Nd isotopic study of Neoproterozoic bimodal volcanic rocks in the Kangdian Rift of South China: implications for the initial rifting of Rodinia, Precambrian Res., 113: 135-155.
60. Li, X.H., Zhou, H., Chung, S.L., Ding, S., Liu, Y., Lee, C.Y., Ge, W., Zhang, Y., Zhang, R. 2002. Geochemical and Sm-Nd isotopic characteristics of metabasites from central Hainan Island, South China and their tectonic significance. Island Arc, 11: 193-205
61. Li, X.H., Zhou, H., Chung, S.L., Lo, C.H., Wei, G., Liu, Y., Lee, C.-Y. 2002. Geochemical and Sr-Nd isotopic characteristics of late Paleogene ultrapotassic mgamatism in southeastern Tibet. Int. Geol. Rev., 44: 559-574.
62. Li, Z.X., Li, X.H., Zhou, H., Kinny, P.D., 2002. Grenville-aged continental collision in South China: new SHRIMP U-Pb zircon results and implications for Rodinia configuration. Geology, 30: 163-166.
63. Ge X. Li X.H., Chen Z., Li W., 2002, Geochemistry and petrogenesis of Jurassic high Sr/low Y granitoids in eastern China: constrains on crustal thickness. Chinese Sci. Bull., 47: 962-968.
64. Xu J.F., Castillo, P.R., Li, X.H., Yu, X.Y., Zhang, B.R., Han, Y.W. 2002. MORB-type rocks from the Paleo-Tethyan Mian-Lueyang northern ophiolite in the Qinling Mountains, central China: implications for the source of the low 206Pb/204Pb and high 143Nd/144Nd mantle component in the Indian Ocean. Earth Planet. Sci. Lett., 188: 323-337.
65. Li, X.H., Liang X., Sun, M., Guan, H., Malpas, J.G., 2001. Precise 206Pb/238U age determination on zircons by laser ablation microprobe-inductively coupled plasma-mass spectrometry using continuous linear ablation. Chem. Geol., 175: 225-235
66. Zhang, Y.Q., Xie, Y.W., Li, X.H., Qiu, H.N., Liang, H.Y., Li, J.P., Zhao, Z.H., Deng, W.M., Chung, S.L., 2001. Isotopic characteristics of shoshonitic rocks in eastern Qinghai-Tibet Plateau: Petrogenesis and its tectonic implication. Sci. China, Ser. D, 44: 1-6
67. Shao, L., Li, X.H., Wei, G., Liu, Y., Fang, D. 2001. Provenance of a prominent sediment drift on the northern slope of the South China Sea. Sci. China, Ser. D, 44: 919-925
68. Liang, X., Wei, G., Shao, L., Li, X.H., Wang, R. 2001. Records of Toba eruptions in the South China Sea — Chemical characteristics of the glass shards from ODP 1143. Sci. China, Ser. D, 44: 871-878

69. Li, X.H., 2000. Cretaceous Magmatism and Lithospheric Extension in Southeast China. J. Asian Earth Sci., 18: 293-305
70. Li, X.H., Sun, M., Wei, G., Liu, Y., Lee, C.-Y., Malpas, J.G., 2000. Geochemical and Sm-Nd isotopic study of amphibolites in the Cathaysia Block, SE China: evidence for extremely depleted mantle in the Paleoproterozoic. Precambrian Res., 102: 251–262
71. Li, X.H., Liang, X., Sun, M., Liu, Y., Tu, X., 2000. Geochronology and Geochemistry of Single-Grain Zircons: Simultaneously in-situ Analysis of U-Pb Age and Trace Elements by LAM-ICP-MS. Eur. J. Mineral., 12: 1015-1024
72. Li, X.H., Zhou, H., Liu, Y., Lee, C.Y., Sun, M., Chen, C.H., 2000. Shoshonitic intrusive suite in SE Guangxi: Petrology and geochronology. Chinese Sci. Bull., 45: 653-658.
73. Li, X.H., 2000. Geochemistry of the Late Paleozoic Radiolarian Cherts within the NE Jiangxi Ophiolite Melange and its Tectonic Significance. Sci. in China, Ser. D, 43: 617-624.
74. Li, X.H., Zhou, H., Ding, S., Lee, C.Y., Zhang, R., Zhang, Y., Ge, W., 2000. Metamorphosed mafic rocks with N-type MORB geochemical features in Hainan Island — Remnants of the Paleo-Tethys Oceanic Crust? Chinese Sci. Bull., 45: 956-960
75. Wei, G., Sun, M., Li, X.H., Nie, B., 2000. Mg/Ca, Sr/Ca and U/Ca ratios of a porites coral from Sanya Bay, Hainan Island, South China Sea and their relationships to sea surface temperature. Paleogeo. Paleocl. Plaeoec., 162: 59-74.
76. Wei G., Gui X., Li X.H., Chen Y. and Yu J., 2000. Strontium and neodymium isotopic compositions of detrital sediment of NS90-103 from South China Sea: Variations and their paleoclimate implication. Sci. in China, Ser. D, 43: 596-604.
77. Li, X.H., 1999. U-Pb Zircon ages of granites from the southern margin of the Yangtze Block: timing of the Neoproterozoic Jinning Orogeny in SE China and implications for Rodinia assembly. Precambrian Res., 97: 43-57
78. Liang, X., Li, X.H, Sun, M., Liu, Y., Tu, X., 1999. Simultaneously in-situ Analysis of Trace Elements and U-Pb and Pb-Pb Ages for Single Zircons by Laser Ablation Microprobe-Inductively Coupled Plasma Mass Spectrometry. Chemistry Letter, no. 7, 639-640
79. Li, Z.X., Li, X.H., Kinny, P.D., Wang, J., 1999. The breakup of Rodinia: did it start with a mantle plume beneath South China? Earth Planet. Sci. Lett., 173: 171-181
80. Zhou, H.W., Li, X.H., Liu, Y., You, Z.D., Suo, S.T., Zhong, Z.Q., 1999. Age of granulite from Huangtuling, Dabie Mountain: Pb-Pb dating of garnet by a stepwise dissolution technique. Chinese Science Bulletin, 44(10): 941-944.
81. Wei, G., Li, X.H., Nie, B., Sun, M., 1999, High resolution Porites Mg/Ca thermometer for the north of the South China Sea. Chi. Sci. Bull., 44: 273-276
82. Li, X.H., McCulloch, M.T., 1998, Geochemical characteristics of Cretaceous mafic dikes from northern Guangdong, SE China: Age, origin and tectonic significance. In: Flower, M.F.J., Chung, S.L., Lo, C.H. and Lee, T.Y. (eds.) “Mantle Dynamics and Plate Interaction in East Asia”, Geodynamics 27, American Geophysical Union, Washington D.C., 405-419
83. Chung, S.L., Lo, C.H., Lee, T.Y., Zhang, Y., Xie, Y., Li, X.H., Wang, K.L., Wang, P.L., 1998. Diachronous uplift of the Tibetan plateau staring 40 Myr ago. Nature, 394: 769-773.
84. Xu, J.F., Yu, X.Y., Li, X.H., Han, Y.W., Shan, J.H. and Zhang, B.R., 1998. Discovery of the highly depleted N-MORB-type volcanic-rocks - new evidence for the Mianlue Paleo-ocean. Chinese Science Bulletin, 43: 510-514.
85. Huang, Z., Jin, Z., Zhu, C., Wang, L. and Li, X.H., 1998. The Sr, Nd isotopic composition of lamprophyres in Laowangzhai gold orefield, Yunnan Province. Chinese Science Bulletin, 43: 950-954.
86. Li, X.H., 1997, Timing of the Cathaysia Block Formation: Constraints from SHRIMP U-Pb Zircon Geochronology. Episodes, 30: 188-192.
87. Li, X.H., Zhao, J.X., McCulloch, M.T., Zhou, G.Q., Xing, F.M., 1997. Geochemical and Sm-Nd isotopic study of late Proterozoic ophiolites from southeast China: Implication for ophiolite petrogenesis and tectonic evolution. Precambrian Res., 81: 129-144
88. Li, X.H., 1997. Geochemistry of the Longsheng Ophiolite from the southern margin of Yangtze Craton, SE China. Geochem. J., 31: 323-337
89. Li, X.H., McCulloch, M.T., 1996. Secular variation in the Nd isotopic composition of Neoproterozoic sediments from the southern margin of the Yangtze Block: evidence for a Proterozoic continental collision in southeast China. Precambrian Res., 76: 67-76
90. McCulloch, M.T., Mortimer, G., Esat, T, Li, X.H., Pillans, B. and Chappell, J., 1996. High resolution windows into early Holocene climate: Sr/Ca coral records from the Huon Peninsular. Earth Planet. Sci. Lett., 138: 169-178.
91. Li, X.H., 1994. A comprehensive U-Pb, Sm-Nd, Rb-Sr and 40Ar-39Ar geochronological study on Guidong Granodiorite, southeast China: Records of multiple tectonothermal events in a single pluton. Chem. Geol., 115: 283-295
92. Gui, X.T., Yu, J.S., Li, X.H., Chen, S.M., 1994. Sr-O isotopic composition of sediments in the Nansha Sea area and paleo-environment. Chinese Sci. Bull., 39: 124-129.
93. Li, X.H., Zhu, B.Q., Gui, X.T., 1993. Source rocks of the Caledonian-age granitoid rocks in Wanyangshan-Zhuguangshan, southeast China: II. Topological analysis in isotopic multispace.

Science in China, Ser. B, 36: 880-887
94. Li, X.H., Gui, X.T., 1992. Source rocks of the Caledonian-age granitoid rocks from Wanyangshan-Zhuguangshan, southeast China: I. Evidence from Sr-Nd-Pb-O isotopic constrains, Sci. in China, Ser. B, 35: 357-365
95. Li, X.H., 1991. Geochronology of the Wanyangshan-Zhuguangshan granitoid batholith: Implication for the crust development, Sci. in China, Ser. B, 34: 620-629
96. Philpotts J., Tatsumoto M., Li X.H., Wang K.Y., 1991. Some Nd and Sr isotopic systematics for the REE-enriched deposit at Bayan Obo, China, Chem. Geol., 90: 177-188
97. Yu, J.S., Gui, X.T., Huang, L., Li, X.H, Hu R.Z., 1991. Sr-O isotopic system of some granitoids in China, Sci. in China, Ser. B, 34: 357-365
98. Zhu B.Q., Liu B.L. and Li X.H., 1990. Three-components mixing and four system recycling models for explaining Nd-Sr-Pb isotopic correlation of suboceanic and subcontinental mantles, Science in China, Ser. B, 33: 757-768
99. Li, X.H., Tatsumoto, M., Premo, W.R., Gui, X.T., 1989. Age and origin of the Tanghu Granite, southeast China: Results from U-Pb single zircon and Nd isotopes, Geology, 17: 395-399

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