

Curriculum Vitae

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Education/Training

Year	Institution and Location	Degree	Field of study
9/1985-7/1988	Southwest University, Chongqing	Master	General Psychology
9/1978-7/1982	Southwest University, Chongqing	Bachelor	Education

Research and professional experience

2009-	Professor, Southwest University, Chongqing, China
2003-2008	Dean of School of Psychology, Southwest University, Chongqing, China
1997-2003	Director of Department of Psychology, Southwest Normal University, Chongqing, China
1/2001-1/2002	Senior Visiting Research Scholar, Yale University, New Haven, USA
1999-	Chief doctoral supervisor of developmental and educational psychology, Southwest University, Chongqing, China
9/1992-	Professor, Southwest Normal University, Chongqing, China
	Professor, Southwest University, Chongqing, China
7/1988-9/1992	Associate Professor, Southwest Normal University, Chongqing, China
	Lecturer, Institute of Psychology Research, Southwest Normal University, Chongqing, China
9/1985-7/1988	Chongqing, China
7/1982-9/1985	Assistant teacher, Lecturer, Department of Education, Southwest Normal College, Chongqing, China

Administrative and Editorial responsibilities

2006-	Peer Reviewer, Acta Psychologica Sinica
5/2005-	Vice-Director, School Psychology Committee of Chinese Psychological Society
5/2005-	Vice-Director, General Psychology Committee of Chinese Psychological Society
2005-	editorial member, Psychology Science
11/2000-	Vice-President, Chongqing Psychological Society
3/2000	Vice-Director, Chinese Academy of Sciences
9/1999-9/2001	committee, International Association of Chinese Medical Specialists & Psychologists (IACMSP)

Reviewer Positions (Ad Hoc, Selected)

NeuroImage
Human brain mapping
Social Cognitive and Affective Neuroscience
Neuropsychologia
Neuroscience Letters
PLOS ONE

Honors and major grants

2007 Academic Technique Leader, Organization Department of Chongqing
2003 Excellent Teacher, Southwest Normal University
2002 Excellent Teacher, Southwest Normal University
2002 Academic Technique Leader, Organization Department of Chongqing
2002 Advanced-Technique worker, Association of Science and Technique, Southwest Normal University
2001 Outstanding Contribution Professor, Southwest Normal University
2000 Excellent Teacher, Education Committee of Chongqing
1999 Advanced-Technique worker, Association of Science and Technique, Southwest Normal University
1994 Advanced-Technique worker, Association of Science and Technique, Southwest Normal University
1992 Advanced-Technique worker, Association of Science and Technique, Southwest Normal University
1990 Outstanding Contribution Bachelor, Sichuang Province
1989 Advanced-Technique worker, Association of Science and Technique, Southwest Normal University

Research interests

To focus on strategies of cognitive processing and apply according research results into teaching and human resource development.

To explore experimental research on creativity and to propose brand new theory and paradigm.

To reveal the neural basis of conditional reasoning and of insight with expectation to find the key to creative thought. Recent years, he focuses on using multimode MRI image to explore individual difference in creativity.

Selected Journal publication

1. Zhang, H., Liu, J., & **Zhang, Q.L. (corresponding author)**. Neural representations for the generation of inventive conceptions inspired by adaptive feature optimization of biological species. *Cortex*.2013. (in press)
2. Wei, D.T., Wang, K.C., Shen, Y. M., Du, X., Li, W.F., Dupuis-Roy, N., Qiu, J., **Zhang, Q.L. (corresponding author)**. Exposure to traumatic experiences is associated with abnormal neural mechanism during charitable donation. *Psychiatry Research: Neuroimaging*.2013. (In press)
3. Shen, Y. M., Jackson, T., Ding, C., Yuan, D. H., Zhao, L., Dou, Y. L., Zhang, Q. L. **(corresponding author)**. Linking Perceived Organizational Support with Employee Work Outcomes in a Chinese Context: Organizational Identification as a Mediator. *European Management Journal*. (In Press)
4. Cui, Q., Vanman, E., Wei, D. T., Yang, W.J. Jia, L. & **Zhang, Q.L. (corresponding author)**. Detection of deception based on fMRI activation patterns underlying the production of a deceptive response and receiving feedback about the success of the deception after a mock murder crime. *Social Cognitive and Affective Neuroscience*.2013(in press)
5. Cui, Q., **Zhang, Q.L. (corresponding author)** &Takahashi, H. The neural mechanism of encountering misjudgment by the justice system. *PLos One*, 2013. (in press)
6. Hao, X., Li, W.F., Wang, K.C., Yang, W.J., Wei, D.T., Qiu, J., Zhang, Q.L. (corresponding author). Individual differences in brain structure and resting brain function underlie cognitive styles: Evidence from the Embedded Figures Test. *Plos One*. 2013 (in press).
7. Li,Y.D.,Xiao,X.,Ma,W.J.,Jiang,J., Qiu,J.&**Zhang,Q.L.(corresponding author)**.Electrophysiological evidence for emotional valence and competitive arousal effects on insight problem solving. *Brain Research*. 2013,1538,61-72.
8. Jiang,J.,van Gaal,S., Bailey,k.,Chen,A.T.&**Zhang,Q.L.(corresponding author)**.Electrophysiological correlates of block-wise strategic adaptations to consciously and unconsciously triggered conflict. *Neuropsychologia*. 2013(in press)
9. Qiao,L.,Wei,D.T.,Li,W.F.,Chen,Q.L.,Che,X.W.,Li,B.B.,Liu,Y.J.,Qiu,J.&**Zhang,Q.L.(corresponding author)**. Rumination mediates the relationship between structural variations in ventrolateral prefrontal cortex and sensitivity to negative life events. *Neuroscience*. 2013 (in press)
10. Luo, J. L., Li, W. F., Qiu, J., Wei, D. T., Liu, Y. J. & **Zhang, Q. L. (corresponding author)**. Neural basis of scientific innovation induced by heuristic prototype. *Plos One*, 2013,8(1),e49231
11. Jiang, J., Bailey, K., Chen, A., Cui, Q., & **Zhang, Q. L. (corresponding author)**. Unconsciously Triggered Emotional Conflict by Emotional Facial Expressions. *Plos One*, 2013, 8(2), e55907.
12. Zhang, H., Liu, J., & **Zhang, Q.L. (corresponding author)**. Neural correlates of the perception for novel objects. *PLos one*. 2013, 8(4), e62979.
13. Tong, D. D., Li, W. F., Dai, T. E., Nusbaum, H. C., Qiu, J., & **Zhang, Q. L. (corresponding author)**. Brain mechanisms of valuable scientific problem finding inspired by heuristic knowledge. *Experimental Brain Research*, 2013, 228, 437-443.
14. Tu, S., Qiu J., Martens, U., & **Zhang, Q. L. (corresponding author)**. Category-Selective Attention Modulates Unconscious Processes in the Middle Occipital Gyrus. *Consciousness and Cognition*, 2013, 22,479-485.

15. Tong, D. D. Zhu, H. X., Li, W. F. Yang, W. J. Qiu, J. & **Zhang, Q. L. (corresponding author)**. Brain activity in using heuristic prototype to solve insight problems. *Behavioural Brain Research*. 2013, 253, 139-144.
16. Hao, X., Cui, S., Li, W. F. Yang, W. J., Qiu, J. & **Zhang, Q.L. (corresponding author)**. Enhancing insight in scientific problem solving by highlighting the functional features of prototypes: An fMRI study. *Brain Research*. 2013, 1534, 46-54.
17. Xiang, L., Wang, B. X., & **Zhang, Q. L. (corresponding author)**. Is consciousness necessary for conflict detection and conflict resolution? *Behavioural Brain Research*. 2013, 247(15), 110-116.
18. Luo, J. L., Du, X. M., Tang, X. C., Zhang, A.T., Li, H. J., & **Zhang, Q. L. (corresponding author)**. The Electrophysiological Correlates of Scientific Innovation Induced by Heuristic Information. *Creativity Research Journal*. 2013, 25(1), 15-20.
19. Yang, W. J., Liu, P.D., Cui, Q., Wei, D.T., Li, W.F., Qiu, J. & **Zhang, Q.L. (corresponding author)**. Directed forgetting of negative self-referential information is difficult: An fMRI study. *PLoS One*, 2013, 8(10), e75190.
20. Zeigler-Hill, V., Li, H.J., Masri, J., Smith, A., Vonk, J., Madson, M.B., & **Zhang, Q.L.** Self-esteem instability and academic outcomes in American and Chinese college students. *Journal of research in personality*, 2013, 47(5), 455-463.
21. Yang, J., Zhao, R.F., **Zhang, Q. L.**, & Jens, C. P. Effects of self-esteem on electrophysiological correlates of easy and difficult math. *Neurocase*, 2013, 19(5), 470-477.
22. Yang, W.J., Liu, P. D., Xiao, X., Can, Z., Qiu, J. & **Zhang, Q.L. (corresponding author)**. Different neural substrates underlying directed forgetting for negative and neutral images: An event-related potential study. *Brain Research*, 2012, 1441, 53-63.
23. Lei, M., Li, C., Xiao, X., Qiu, J., Dai, Y., **Zhang, Q. L. (corresponding author)**. Evaluation of the psychometric properties of the Chinese version of the Resilience Scale in Wenchuan earthquake survivors. *Comprehensive Psychiatry*. 2012, 53(5), 616-622.
24. Li, H. J., Hill, V., Z., Yang, J., Jia, L., Xiao, X., Luo, J.L. & **Zhang, Q. L. (corresponding author)**. Low self-esteem and the neural basis of attentional bias for social rejection cues: Evidence from the N2pc ERP component. *Personality and Individual differences*, 2012, 53, 947-951.
25. Li, H. J., Hill, V., Z., Luo, J. L., Yang, J., & **Zhang, Q. L. (corresponding author)**. Self-esteem modulates attentional responses to rejection: evidence from event-related Brain Potentials. *Journal of Research in Personality*, 2012, 46, 459-464.
26. Yuan, J.J., Zhang, I.F., Zhou, X.L., Yang, J.M., Meng, X .X., **Zhang, Q. L.** & Li, H. Neural mechanisms underlying the higher levels of subjective well-being in extraverts: Pleasant bias and unpleasant resistance. *Cognitive Affective & Behavioral Neuroscience*. 2012, 12, 175-192.
27. Yang, J., Dedovic, K., Chen, W. H., & **Zhang, Q.L. (corresponding author)**. Self-esteem modulates dorsal anterior cingulate cortical response in self-referential processing. *Neuropsychologia*, 2012, 50 (7), 1267-1270.
28. Yang, J., Guan, L. L., Dedovic, K., Qi, M. M., **Zhang, Q. L.** The neural correlates of implicit self-relevant processing in low self-esteem: An ERP study. *Brain Research*, 2012, 47, 75-80.
29. Jia, L., Dickter, C. L., Luo, J. L., Xiao, X., Yang, Q., Lei, M., Qiu, J. & **Zhang, Q.L. (corresponding author)**. Different brain mechanisms between stereotype activation and application: Evidence from an ERP study. *International Journal of Psychology*, 2012, 47(1),

58-66.

30. Luo, J.L., Liu, X., Edward, J. N., Zhang, E.T., Xiao, X., Jia, L., Yang, Q., Li, H.J. & **Zhang. Q.L. (corresponding author)**. Cognitive control in belief-laden reasoning during conclusion processing: An ERP study. *International Journal of psychology*, 2012, 48(3), 224-231.
31. Chen, X.Y., Wei, D.T., Dupuis-Roy, N., Du, X., Qiu, J. & **Zhang. Q.L. (corresponding author)**. Neural correlates of the modified Stroop effect in post-traumatic stress disorder: an event-related potential study. *NeuroReport*, 2012, 23(18), 1035-1038.
32. Luo, J.L., Yang, Q., Du, X. M., **Zhang. Q.L. (corresponding author)**. Neural Correlates of Belief-Laden Reasoning during Premise Processing: An Event-Related Potential Study. *Neuropsychobiology*, 2011, 63(2), 112-118.
33. Xiao, X., Luo, J. L., Lei, M. , Cui, Q., Jia, L. & **Zhang. Q.L. (corresponding author)**. The electrophysiological correlates of the size incongruity effect, *NeuroReport*, 2011, 22, 157-160.
34. Luo, J. L., Li, W. F., Fink, A., Jia, L., Xiao, X., Qiu, J. & **Zhang. Q.L. (corresponding author)**. The time course of breaking mental sets and forming novel associations in insight-like problem solving: An ERP investigation. *Experimental Brain Research*, 2011, 212, 583-591.
35. Xiao, X., N. Dupuis, J. R., Luo, J. L., Zhang, Y., Chen, A.T., & **Zhang. Q.L. (corresponding author)**. The event-related potential elicited by taste-visual cross-modal interference. *Neuroscience*, 2011, 199, 187-192.
36. Xiao, X., Yang, W. J., Jia, L., Lei, M., Chen, A.T., & **Zhang. Q.L. (corresponding author)**. Neural mechanism of conflict control in a number interference task. *NeuroReport*, 2011, 22, 979-983. *SSN: 0959-4965*
37. Tian, F., Tu, S., Qiu, J., Wei, D.T., Su, Y.H. & **Zhang, Q. L. (corresponding author)**. Neural correlates of mental preparation for successful insight problem solving. *Behavioural Brain Research*. 2011, 216, 626-630.
38. Zhao, Y.F., Tu, S., Lei, M., Qiu, J., Ybarra, O., & **Zhang. Q.L.** The neural basis of breaking mental set: an event-related potential study. *Experimental Brain Research*, 2011, 208, 181-187.
39. Yang, J., & **Zhang, Q.L.** Electrophysiological correlates of decision-making in high-risk versus low-risk conditions of a gambling game, *Psychophysiology*, 2011, 48(10), 1456-1461..
40. Zhang, M., Tian, F., Wu, X., Liao, S., & Qiu, J., & **Zhang, Q. L. (2011)**. Neural Correlates of "Aha!" effects in Solving Chinese Verbal Problems: an Event Related-Potential Study. *Brain Research Bulletin*, 2011, 84, 210-214.
41. Zhao, G., Liu, Q., Zhang, Y., Jiao, J., **Zhang, Q.L.**, Sun, H.J., Li, H. The amplitude of N2pc reflects the physical disparity between target item and distracters. *Neuroscience letters*, 2011, 491(1), 68-72.
42. Yun, X.Y., Li, W., Qiu, J., Jou, J., Wei, D.T., Tu, S., **Zhang, Q.L.** Neural mechanisms of subliminal priming for traumatic episodic memory: An ERP study. *Neuroscience letters*, 2011, 498(1), 10-14.
43. Qiu, J., Li, H., Jou, J., Liu, J., Luo, Y.J., Feng, T.Y., Wu, Z.Z., & **Zhang, Q. L., (corresponding author)**. Neural correlates of the "Aha" experiences: Evidence from an fMRI Study of insight problem solving. *Cortex*, 2010, 46, 397-403
44. Wang, T., Li, H., **Zhang, Q.,L.**, Tu, S., Yu, C.Y., Qiu, J., Comparison of brain mechanisms underlying the processing of Chinese characters and pseudo-characters: an event-related potential study. *International Journal of Psychology*, 2010, 45(2), 102-110.

45. Qiu, J., Yu, C.Y., Li, H., Jou, J., Tu, S., Wang, T., Wei, D.T., & **Zhang Q.L. (corresponding author)**. The impact of social comparison on the neural substrates of reward processing: An Event-Related Potential study. *Neuroimage*, 2010, 49:956-962.
46. Liu, Q., Li, H., Campos, J. L., Teeter, C., Tao, W., **Zhang, Q. L. (corresponding author)**, & Sun, H-J. Language suppression effects on the categorical perception of colour as evidenced through ERPs. *Biological Psychology*, 2010, 85(1), 45-52.
47. Xiao, X., **Zhang, Q. L. (corresponding author)**, Jia, L., Zhang, Y. & Luo, J. L. Temporal course of cognitive control in a picture–word interference task. *NeuroReport*, 2010, 21, 104-107.
48. Qiu, J., Su, Y.H., Li, H., Wei, D.T., Tu, S., **Zhang, Q.L.**, How personal earthquake experience impacts on the Stroop interference effect: an event-related potential study. *Psychophysiology*, 2010, 47(6), 995-1001.
49. Zhang, Y., Liu, Q., Yang, Q. & **Zhang, Q. L. (corresponding author)**. Electrophysiological correlates of early processing of visual word recognition: N2 as an index of visual category feature processing. *Neuroscience Letters*, 2010, 473, 32–36.
50. Zhao, D.Y., **Zhang, Q.L.**, Fu, M.Q., Tang, Y.L., Zhao, Y.F. Effects of physical positions on sleep architectures and post-nap functions among habitual nappers. *Biological Psychology*. 83(3), 207-213.
51. Yang, J., Dedovic, K. & **Zhang, Q. L.** Self-esteem and risky decision-making: An ERP study. *Neurocase*, 2010, 16(6), 512-519
52. Yang, J., **Zhang, Q. L. (corresponding author)**. P300 as an index of implicit self-esteem. *Neurological research*, 2009, 1743-1328.
53. Qiu, J., Li, H., **Zhang, Q. L. (corresponding author)**, Huang, L.H., Guo, Y. Q., Tu, S., Wang, T., & Wei, D.T. Electrophysiological evidence of personal experiences in the great Sichuan earthquake impacting on selective attention. *Science in China Series C: Life Sciences*, 2009, 52(7), 683-690.
54. Qiu, J., Li, H., Luo, Y.J., **Zhang, Q.L. (corresponding author)**, Tu, S. The neural basis of syllogistic reasoning: An event-related potential study. *Brain Research*, 2009, 1273, 106-113
55. Liu, Q., Li, H., L. C., Wang, Q., Zhang, Y., Qiu, J., **Zhang, Q.L. (corresponding author)**, Sun, H, J. The N2pc component in ERP and the lateralization effect of language on color perception. *Neuroscience Letters*, 2009, 454, 58–61.
56. Zhang, Y., Liu, Q., **Zhang, Q.L. (corresponding author)**. The recognition potential reflects an intermediate level of visual representation. *Neuroscience Letters*, 2009, 454, 86–90.
57. Xiao, X., Qiu, J & **Zhang, Q.L. (corresponding author)**. The dissociation of neural circuits in a Stroop task. *NeuroReport*, 2009, 7(2), 674-678.
58. Liu, Q., Wu, Y., Yang, Q., Campos, J.L., **Zhang, Q.L.**, (corresponding author), Sun H-J. Neural correlates of size illusions: an event-related potential study. *Neuroreport*, 2009, 20(8), 809-814.
59. Zhang, Y., Qiu, J., Huang, H., **Zhang, Q.L.**, (corresponding author) & Bao, B. Chinese character recognition in mirror reading: Evidence from event-related potential. *International Journal of Psychology*, 2009, 44(5), 360-368.
60. Tu, S., Li, H., Jou, J., **Zhang, Q.L.**, (corresponding author), Wang, T., Yu, C.Y., Qiu, J. An event-related potential study of deception to self preferences. *Brain Research*, 2009, 1247, 142–148.

61. Chen, P. F., Qiu, J., Li, H., **Zhang, Q.L. (corresponding author)**. Spatiotemporal cortical activation underlying dilemma decision making: an event-related potential study. *Biological Psychology*, 2009, 82,111-115.
62. Qiu, J., Wei, D.T., Li, H., **Zhang, Q.L. (corresponding author)**, Tu, S., Wang, T., Yu, C.Y. The vase-face illusion seen by the brain: An event-related brain potentials study. *International Journal of Psychophysiology*, 2009, 74, 69-73.
63. Wang, T., **Zhang, Q.L.**, Li, H., Qiu, J., Tu, S., & Yu, C.Y. The Time Course of Chinese riddles Solving: Evidence from an ERP Study. *Behavioural Brain Research*, 2009, 199, 278-282.
64. Qiu, J., Li, H., & **Zhang, Q.L. (corresponding author)**, Liu, Q., Zhang, F.H. The Muller-Lyer illusion seen by the brain: An event-related brain potentials study. *Biological Psychology*, 2008, 77,150-158.
65. Yuan, J.J., He, Y.Y., **Zhang, Q.L.**, Chen, A.T., & Li, H. Gender differences in behavioral inhibitory control: ERP evidence from a two-choice oddball task. *Psychophysiology* 2008. 45, 986-993.
66. Qiu, J., Li, H., Yang, D., Luo, Y.j., Li, Y., Wu, Z.z., **Zhang, Q.L. (Corresponding author)**. The Neural Basis of Insight Problem Solving: An Event-Related Potential Study. *Brain and cognition*, 2008, 6(1),100-106.
67. Qiu, J., Li, H., Wei, Y.G., Liu, Q., Zhang, Y., **Zhang, Q.L. (Corresponding author)**. Neural mechanisms underlying the processing of Chinese and English words in a word generation task: an Event-Related Potential Study. *Psychophysiology*, 2008, 45(6), 970-976.
68. Qiu, J., Li, H. Chen, A.T., **Zhang, Q. L. (Corresponding author)**. The neural basis of analogical reasoning: An event-related potential study. *Neuropsychologia*, 2008, 46(12), 3006-3013.
69. Qiu, J., Li, H., Jou, J., Wu, Z.Z., & **Zhang, Q. L. (Corresponding author)**. Spatiotemporal Cortical Activation Underlying the Mental Preparation of Successful Riddles Solving: An Event-Related Potential Study. *Experimental Brain Research*, 2008, 168(4), 629-634.
70. Yang, J., Ding,W., Chen, P.F., **Zhang, Q. L. (Corresponding author)**. Images of tactile intimacy in same-sex dyads elicit larger P2 and LPC amplitudes. *Neuroscience Letters*, 2008, 441(2), 215-218.
71. Li, F.H., Cao, B.H., **Zhang, Q. L.**, Lin, C.D., Yuan, J. J., Li, H. Brain activities immediately after finding rare targets. *Neuroscience Letters*, 2008, 430(3), 269-274.
72. Zhang, Y.,Yuan, J.J., Bao, B., & **Zhang, Q. L. (Corresponding author)**.The Recognition Potential and Rotated Chinese Characters. *Brain Research*, 2008, 1233, 98-105.
73. Luo, J .L. ,Yuan, J.J., Qiu, J., & **Zhang, Q. L. (Corresponding author)**, Zhong, J., & Huai, Z.C. Neural correlates of the belief-bias effect in syllogistic reasoning: an ERP study. *NeuroReport*, 2008, 19(10),1075-1080.