

Curriculum Vitae

PERSONAL INFORMATION

Name : Shenjun Qin, Ph.D., Assoc. Prof.
Date of Born : 1977.1
Place of Born : Handan, China
Nationality : Chinese
Address : Key laboratory of Resource Exploration Research of Hebei Province
Hebei University of Engineering
Handan, Hebei, 056038 China
Tel : (86)-310-8579059
Email : qinsj528@hebeu.edu.cn

EDUCATION & WORKING EXPERIENCE

09/2006-06/2010 Ph.D. in Geochemistry, College of Geoscience and Surveying Engineering, China University of Mining and Technology (Beijing), Beijing, P.R. China.
09/2000-07/2003 M.S. in Inorganic Chemistry, College of Chemistry, Hebei Normal University, Shijiazhuang, China.
09/1996-07/2000 B.S. in Chemistry, College of Chemistry, Hebei Normal University, Shijiazhuang, China.
10/2010-present Associate Professor, Key Laboratory for Resource Exploration Research of Hebei Province, Hebei University of Engineering

RECENT RESEARCH INTERESTS

- Organic geochemistry of sediment, coal and oil, mainly concerning hydrocarbons and biomarkers
- Occurrence and enriched mechanism of trace elements in coals
- Chemistry of renewable energy sources

RESEARCH PROJECTS SELECTED

- Extremely-enriched mechanism of gallium in Jurassic coal in Huanglong Coalfield, Shanxi, China. **Principal Investigator**, supported by the National Natural Science Foundation of China (NSFC, No. 41102095).
- The geochemical study of enriched mechanism of Lithium in Permo-Carboniferous coal in North China. **Principal Investigator**, supported by the Natural Science Foundation of Hebei province, China (No.2012402012).

- Extremely-enriched mechanism of Lithium in coal seams in Guanbanwusu mining area. **Principal Investigator**, supported by the Science and Technology Foundation for Outstanding Young Scholars of Universities in Hebei Province, China (No. Y201103).
- The occurrence of enriched Lithium in coal seams in Guanbanwusu mining area. **Principal Investigator**, supported by the Foundation of State Key Laboratory for Coal Resources and Safe Mining, China University of Mining & Technology (No. SKLCRSM10KFB07).
- Simulation of early diagenetic alterations of organic matter from conifers and algae. Co-Investigator, supported by the Open Laboratory of Organic Geochemistry, Institute of Geochemistry, Chinese Academy of Science, Guangzhou (No. OGL200206).
- The biomarker characteristics during organic mineralization. Co- Investigator, supported by the National Natural Science Foundation of China (NSFC, No. 40173004).
- Gold enrichment mechanism in crude oils and their relationship with mantle fluids in Shengli oil field. Co- Investigator, supported by the Major Research Project of Science and Technology of Chinese Education Ministry (No. 206011).
- Production of biodiesel from non-edible seed oil of *Pistacia Chinensis*. **Principal Investigator**, supported by the Scientific and Technical Foundation of Handan city (No. 0921104044-2) and the Science Research Foundation of Hebei University of Engineering.

REFEREED PUBLICATIONS

International Papers

1. **Shenjun Qin**[✉], Yuzhuang Sun, Yuegang Tang and Kankun Jin. Early diagenetic transformation of terpenoids from conifers in the aromatic hydrocarbon fraction: A long-term, low- temperature maturation experiment. *Organic Geochemistry*, 2012, 53, 99-108.
2. **Shenjun Qin**, Yuzhuang Sun[✉] and Cunliang Zhao. Long-term, low temperature simulation of early diagenesis of organic matter from algae: Significance for immature oil. *Petroleum Science and Technology*, 2013 (in press)
3. **Shenjun Qin**[✉], Yuzhuang Sun, Changlin Shi, Leqin He, Yuan Meng and Xiaohui Ren. Deacidification of *Pistacia chinensis* oil as a promising non-edible feedstock for biodiesel production in China. *Energies*, 2012, 5(8), 2759-2770.
4. **Shenjun Qin**, Yuzhuang sun[✉] and Yuegang Tang. Long-term, low temperature simulation of early diagenetic alterations of organic matter from conifers: Aliphatic hydrocarbons. *Geochemical Journal*, 2010, 44(4), 247-259.
5. **Shenjun Qin**, Yuzhuang Sun[✉], Xiaocai Meng and Shouxin Zhang. Production and analysis of biodiesel from non-edible seed oil of *Pistacia Chinensis*. *Energy Exploration & Exploitation*, 2010, 28(1), 37-46.
6. **Shenjun Qin**[✉], Jinxi Wang, Cunliang Zhao and Shouxin Zhang. Long-term, low temperature simulation of early diagenetic alterations of organic matter: A FTIR study. *Energy Exploration & Exploitation*, 2010, 28(5), 365-376.

7. **Shenjun Qin**, Yuzhuang Sun[✉], Hongwei Yao, Changlin Shi and Shouxin Zhang. Homogeneous production of biodiesels from vegetable oils. *World journal of engineering*, 2009, 6(1), 139-142.
8. **Shenjun Qin**, Yuzhuang sun[✉] and Yuegang Tang. Early hydrocarbon generation of algae and influences of inorganic environments during low temperature simulation. *Energy Exploration & Exploitation*, 2008, 26(6), 377-396.
9. Leqin He, **Shenjun Qin**[✉], Tao Chang, Yuzhuang Sun and Xiaorui Gao. Biodiesel synthesis from the esterification of free fatty acids and alcohol catalyzed by long-chain Brønsted acid ionic liquid. *Catalysis Science & Technology*, 2013, 3 (4), 1102 - 1107.
10. Yuzhuang Sun[✉], **Shenjun Qin**, Cunliang Zhao and W. Kalkreuth. **Experimental study of early formation processes of macerals and sulfides.** *Energy & Fuels*, 2010, 24(2), 1124-1128. (The first author is my supervisor and this article is selected as one of the top 100 international papers having the significant scientific impact in China by ISTIC.)
11. Cunliang Zhao[✉], **Shenjun Qin**, Yinchao Yang, Yanheng Li and Mingyue Lin. Concentration of Gallium in the Permo-Carboniferous Coals of China. *Energy Exploration & Exploitation*, 2009, 27(5), 333-343.
12. Yuzhuang Sun[✉], **Shenjun Qin**, Yanheng Li, Mingyue Lin and Shuli Ding. Explanation for peat-forming environments of Seam 2 and 9⁻² based on the maceral composition and aromatic compounds in the Xingtai Coalfield, China. *Journal of coal science & engineering (china)*, 2009, 15(1), 16-23.
13. Shouxin Zhang and **Shenjun Qin**[✉]. Deacidification of Pistacia chinensis bunge seed oil with ethanol. *World journal of engineering*, 2009, 6(4), 98-101.
14. Yuzhuang Sun[✉], **Shenjun Qin**, Ping Wang, Kankun Jin and Jianlian Lu. Experimental study of earlier formation processes of macerals. *World Journal of Engineering*, 2008, 5(1), 101-102.
15. Yuzhuang Sun[✉], **Shenjun Qin**, Hongwei Yao and Changlin Shi. Production and comparative analysis of biodiesels from vegetable oils. *World Journal of Engineering*, 2008, 5(4), 928-929.
16. Yuzhuang Sun[✉], Yanheng Li, Cunliang Zhao, Mingyue Lin, Jinxi Wang and **Shenjun Qin**. Concentrations of Lithium in Chinese Coals. *Energy Exploration & Exploitation*, 2010, 28(2), 97-104.
17. Yuzhuang Sun[✉], Weiwei Jiao, Shouchun Zhang and **Shenjun Qin**. Gold enrichment mechanism in crude oils and source rocks in Jiyang Depression. *Energy Exploration & Exploitation*, 2009, 27(2), 133-142.
18. Dujuan Duan, Cunliang Zhao, **Shenjun Qin**, W. Kalkreuth and Mingyue Lin[✉]. Coal petrological and coal facies characteristics of the No. 2 seam from Huangling mine, Shanxi Province, China. *Energy Exploration & Exploitation*, 2011, 29(5), 647-666.

19. Zhiqiang Meng[✉], Hongguang Ji, **Shenjun Qin** and Cunliang Zhao. Organic geochemical characteristics of source rocks in the Mizhi region of Ordos Basin. *Energy Exploration & Exploitation*, 2012, **30**(3), 373-388.
20. **Shenjun Qin**, Yuzhuang Sun[✉] and Yuegang Tang. Long-term, low temperature simulation of early diagenetic alterations of organic matter from conifers: Terpenoids in the aromatic hydrocarbon fraction. Abstract for 25th International Meetings on Organic Geochemistry (IMOG) in Interlaken, Switzerland, September 2011.

National Papers (In Chinese with English abstract)

1. Jianya Zhang, **Shenjun Qin**[✉], Jingjing Yang and Yong Zhang. The research progress of SCEP and occurrence of elements in coal. *Experimental Technology and Management*, 2012 29(9), 63-65.
2. Jingjing Yang, **Shenjun Qin**[✉], Jianya Zhang and Yong Zhang. The research progress and prospect on the extraction of lithium. *Industrial Minerals & Processing*, 2012, 41(6), 44-46.
3. **Shenjun Qin**, Yuzhuang sun[✉], Yuegang Tang, Shuangjie Wang and Shouxin Zhang. Early evolution of coniferous terpenoids in the long period simulation at low temperature. *Earth Science – Journal of China University of Geoscience*, 2011, 36(1), 122-130.
4. **Shenjun Qin**, Yuzhuang Sun[✉], Ping Li, Hongwei Yao and Changlin Shi. A comparison of biodiesel preparation from soybean oil by using homogeneous catalysts. *Journal of the Chinese Cereals and Oils Association*, 2010, 25(1), 60-63.
5. **Shenjun Qin**, Yuzhuang Sun[✉], Hongwei Yao, Changlin Shi and Shouxin Zhang. Comparative analysis of biodiesels from two kinds of vegetable oils. *Cereals and Oils Processing*, 2009, (7), 60-63.
6. Xiaocai Meng[✉], **Shenjun Qin** and Lijing Liang. Study on the ionization constant of scutellarin with UV-Visible spectrometry. *Journal of Hebei University of Engineering (Natural Science Edition)*, 2009, 26(4), 92-95.
7. **Shenjun Qin**[✉]. Development of mineral resources in Western China under a harmonic environment. *Resources & Industries*, 2007, 9(6), 41-44.
8. **Shenjun Qin**[✉], Hongwei Yao, Dongyu Wang, Changlin Shi and Juwei Yong. Studies on the interaction among ternary system including bovine serum albumin by using Tb(III) fluorescent probe. *Journal of Hebei Institute of Architectural Science and Technology*, 2005, 22(3), 11-13.
9. **Shenjun Qin**[✉], Jianbin Wang, Hongwei Yao, Changlin Shi and Juwei Yong. Developments of the Quantitative study of protein conformation by FTIR and computer-aided analysis. *Journal of Hebei Normal University (Natural Science Edition)*, 2006, 30(3), 331-335.
10. **Shenjun Qin**[✉], Dongyu Wang and Juwei Yong. Studies on the interaction between thorium and bovine serum albumin by fluorescence method. *Journal of Hebei Normal University (Natural Science Edition)*, 2005, 29(5), 499-502.

11. **Shenjun Qin**, Jinshan Shen, Yanting Li and Juwei Yong[✉]. Development of the study on interaction between metal ions and serum albumin. *Journal of Hebei Normal University (Natural Science Edition)*, 2003, 27(1), 75-80.
12. **Shenjun Qin**, Jinshan Shen, Yanting Li and Juwei Yong[✉]. Study on the interaction between rare earth ions and bovine serum albumin. *Journal of Hebei Normal University (Natural Science Edition)*, 2003, 27(3), 274-277.
13. **Shenjun Qin**, Jinshan Shen, Yanting Li and Juwei Yong[✉]. Synchronous fluorescence spectral studies on conformational change of BSA induced by rare earth ions and pH. *Journal of the Chinese Rare Earth Society*, 2004, 22(3), 393-397.
14. Yongju Wei[✉], Na Li and **Shenjun Qin**. Fluorescence spectra and fluorescence quantum yield of sulfosalicylic acid. *Spectroscopy and Spectral Analysis*, 2004, 24(6), 647-651.
15. Yuping Zhang, Yongju Wei[✉], Na Li and **Shenjun Qin**. Fluorescence quantum yield of human and bovine serum albumin. Fluorescence Quantum yield of human and bovine serum albumin. *Chinese Journal of Analytical Chemistry*, 2004, 32(6), 779-782.

PROFESSIONAL ACTIVITIES

Editorial Board Member of Energy Exploration & Exploitation (2011-present)

Member of Chinese Society of Chemistry (2006-present)