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## 李风海教授简介

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李风海，男，博士，教授，山东东明人，出生于1974年2月，1994年毕业于北京师范大学化学系，2005年获曲阜师范大学课程与教学论（化学）教育学硕士学位，2011年获中国科学院研究生院化学工艺博士学位。山东省普通本科高校应用型人才培养专业发展支持计划项目负责人、菏泽学院能源化工研究所负责人、中青年学术骨干、“5136”第三层次人才，河南理工大学硕士生导师，现毕业硕士生2名，指导硕士研究生5名。主要从事煤炭洁净转化的研究，主持完成了中国科学院战略性先导专项子课题1项（低阶煤气化过程中飞灰的烧结粘附特性，XDA07050103）和煤转化国家重点实验室开放课题1项（低阶煤矿物质演变对气化结渣特性的影响，J12-13-102）。曾参与国家973项目子课题（2005CB221201）、国家863项目（2008AA050302）、中国科学院创新性项目（KGCX2-YW-397）的研究。目前主持山东省自然科学基金面上基金1项（调控煤灰熔融流动特性的气流床气化配煤研究，ZR2014BM014），参与省部级科研项目4项。在Applied Energy、Fuel、Energy Fuels等期刊发表论文80多篇，其中SCI论文28篇（中科院SCI二区以上16篇），EI论文33篇。申请国家发明专利9项，现已授权7项（第一发明人2项）。由化学工业出版社出版《煤的流化床气化及应用》等专著4部。

研究成果获2013年河南省自然科学优秀学术论文一等奖，获2014年度、2015年度山东高校优秀科研成果三等奖，获2016年度山东省自然科学学术创新奖。2014、2015、2016连续三年获得菏泽学院优秀科研成果二等奖。2015年被河南理工大学评为优秀硕士生指导教师，2014年被菏泽学院评为“大学生心目中的十佳教师”，2016年8月被评为菏泽市优秀科技工作者，2016年被评为菏泽学院教学名师、优秀教师，2016年被中国石油和化学工程学会评为教育科学成果三等奖，2016、2017年分别获菏泽市优秀科技成果奖

### 代表性论文：

- (1) Fenghai Li, Hongli Fan, Yitian Fang. Investigation on the regulation mechanism of ash fusion characteristics in coal blending, Energy Fuels, 2017, 31 (1) : 379~386. (SCI)
- (2) Fenghai Li, Huixia Xiao, Yitian Fang. Correlation between ash flow temperature and its ionic potentials under reducing atmosphere, Applied Thermal Engineering, 2017.1.15, 110: 1007~1010. (SCI)
- (3) Fenghai Li, Meng Li, Huimin Zhao, Yitian Fang. Experimental investigation of ash deposition behaviour modification of straws by lignite addition. Applied Thermal Engineering, 2017, 125: 134~144. (SCI)
- (4) Fenghai Li, Xiuwei Ma, Meiling Xu, Yitian Fang. Regulation of ash-fusion behaviors for high ash-fusion-temperature coal by coal blending. Fuel Processing Technology, 2017, 166: 131~139. (SCI)
- (5) Fenghai Li, Xiuwei Ma, Qianqian Guo, Hongli Fan, Mingjie Ma, Qinghua Liu, Yitian Fang. Investigation on the ash adhesion and deposition behaviors of low-rank coal, Fuel Processing Technology, 2016, 152: 124~131. (SCI)
- (6) Fenghai Li, Yitian Fang. Ash fusion characteristics of a high aluminum coal and its modification. Energy Fuels, 2016.3.29, 30: 2925~2931 (SCI)
- (7) Fenghai Li, Qixuan Yan, Jiejie Huang, Jiantao Zhao, Yitian Fang, Jianfei Wang. Lignite-char gasification mechanism in mixed atmospheres of steam and CO<sub>2</sub> at different pressures. Fuel Processing Technology, 2015, 138 (1) : 555~563 (SCI)
- (8) Fenghai Li, Hongli Fan, Yitian Fang. Exploration of slagging behaviors during multistage conversion fluidized-bed (MFB) gasification of low-rank coals, Energy Fuels, 2015, 29 (12) : 7816~7824 (SCI)
- (9) Fenghai Li, Meiling Xu, Tao Wang, Yitian Fang, Mingjie Ma. An investigation on the fusibility characteristics of low-rank coals and biomass mixture, Fuel, 2015, 158 (1) : 884~890 (SCI)
- (10) Fenghai Li, Yitian Fang. Modification of ash fusion behavior of lignite by the addition of different biomasses, Energy Fuels, 2015, 29 (5) : 2979~2986 (SCI)
- (11) Fenghai Li, Zhenzhu Li, Jiejie Huang, Yitian Fang. Understanding mineral behaviors during anthracite fluidized-bed gasification based on slag characteristics, Applied Energy, 2014, 131 (1) : 279~287 (SCI)
- (12) Fenghai Li, Huixia Xiao, Jiejie Huang, Yitian Fang. Fusibility characteristics of fine chars from pilot-scale fluidized-bed gasification, Energy Fuels, 2014, 28 (11) : 6793~6802 (SCI)
- (13) Fenghai Li, Jiejie Huang, Yitian Fang, Quan run Liu. Fusibility characteristics of residual ash from lignite fluidized-bed gasification to understand its formation, Energy Fuels, 2012, 26 (8) : 5020~5027. (SCI)
- (14) Fenghai Li, Jiejie Huang, Yitian Fang, Yang Wang. Formation Mechanism of Slag during Fluid-bed Gasification of Lignite. Energy Fuels. 2011. 25: 273~280. (SCI)

- (15) **Fenghai Li**, Jie-jie Huang, Yi-tian Fang, Yang Wang. The effects of leaching and floatation on the ash fusion temperatures of three selected lignites. *Fuel* 2011, 90:2377-2383. (SCI)
- (16) **Fenghai Li**, Jiejie Huang, Yitian Fang, Yang Wang. Mineral behavior of low-temperature lignite ashes under gasification atmosphere, *The Korean Journal of Chemical Engineering*, 2013, 30 (3) : 605-612. (SCI)
- (17) **Fenghai Li**, Zhenzhu Li, Jiejie Huang, Yitian Fang. Characteristics of fine chars from fluidized bed gasification of Shenmu coal. *J Fuel Chem Technol*, 2014, 42(10): 1153-1159. (EI).
- (18) **Fenghai Li**, Jiejie Huang, Yitian Fang, Yang Wang, Mineral matter transformation of coal ash under gasification atmosphere: a case of huolinhe lignite, *Advanced Materials Research*, 2012, 347-353: 3732-3735, (EI).
- (19) **Feng-hai Li**, Jiejie Huang, Yitian Fang, Mingjie Ma, Fusion Characteristics of ash residues from lignite gasification, *Advanced Materials Research*, 2012, 512-515: 2147-2151, (EI).
- (20) **Fenghai Li**, Jiejie Huang, Yitian Fang, Yang Wang, Mineral matter transformation of coal ash under gasification atmosphere: a case of huolinhe lignite, *Advanced Materials Research*, 2012, 347-353: 3732-3735, (EI).
- (21) **Feng-hai Li**, Jiejie Huang, Yitian Fang, Mingjie Ma, Fusion Characteristics of ash residues from lignite gasification, *Advanced Materials Research*, 2012, 512-515: 2147-2151, (EI).
- (22) **Fenghai Li**, zhenzhu Li, Mingjie Ma, Jiejie Huang, Yitian Fang, Fusibility characteristics of slag from fluidized-bed gasification of Jincheng anthracite, *Advanced Materials Research*, 2013, 805-806: 1317-1320, (EI).
- (23) **Fenghai Li**, Zhenzhu Li, Jiejie Huang, Yitian Fang, Investigation on the influencing factors of sintering characteristics of Huolinhe (HLH) lignite ashes, *Applied Mechanics and Materials*. 2014, 448-453: 3022-3026, (EI).
- (24) **Fenghai Li**, Jiejie Huang Yitian Fang. Transformation behaviors of mineral matter in lignite ashes under reducing atmosphere. *Applied Mechanics and Materials*, 2014, 521: 676-679, (EI).
- (25) Xiuwei Ma, **Fenghai Li**, Mingjie Ma, Yitian Fang. Investigation on Blended Ash Fusibility Characteristics of Biomass and Coal with High Silica-Alumina, *Energy Fuels*, 2017, 31, 7941-7951. (SCI)
- (26) Huixia Xiao, **Fenghai Li**, Quanrun Liu, Shaohua Ji, Hongli Fan, Meiling Xu, Qianqian Guo, Mingjie Ma, Xiuwei Ma, Modification of ash fusion behavior of coal with high ash fusion temperature by red mud addition, *Fuel*, 2017, 192: 121-127 (SCI) .
- (27) Shaohua Ji, **Fenghai Li**, Junguo Li, Yitian Fang, Adjustment behaviors of blending coal on the ash fusion characteristics of coal with a high ash fusion temperature, *Journal of Thermal Analysis and*, 2016, 125 (1) : 45-52 (SCI) .
- (28) Shaohua Ji, **Fenghai Li**, Tao Wang, Zhenzhu Li, Huibin Fang, Jiejie Huang, Yitian Fang. Investigation on the sintering behaviors of low-temperature lignite ashes, *Journal of Thermal Analysis and Calorimetry*, 2014, 117 (3) : 1311-1320 (SCI)
- (29) Jianbo Jia, Ying Wang, **Fenghai Li**, Guiyun Yi, Fangui Ceng, Hongyu Guo, IR spectrum simulation of molecular structure model of Shendong coal vitrinite by using quantum chemistry method, *Spectroscopy and Spectral Analysis*, 2014, 34(1): 47-51, (SCI) .
- (30) 肖慧霞, **李风海**, 刘全润, 神木煤流化床气化飞灰的黏附挂壁特性, *煤炭学报*, 2016.5.15, 41 (05) : 1273-1278. (EI)
- (31) 谢良才, **李风海**, 薛兆民, 徐龙, 马晓迅. 配煤对高熔点煤灰熔融特性影响的研究, *燃料化学学报*, 2016, 44 (12) : 1430-1439 (EI)
- (32) 贾建波, **李风海**, 曾凡桂, 郭红玉. 四氢化萘热解中甲基茛满生成机理的密度泛函函数的计算, *燃料化学学报*, 2012, 40(10): 75-79, (EI).
- (33) 王建飞, 赵建涛, **李风海**, 王志青, 黄戒介, 房倚天. 烟煤与生物质快速共热解产物特性分析, *燃料化学学报*, 2015, 43 (6) : 641-648, (EI).
- (34) 李振珠, 李风海, 马修卫, 马名杰, 薛兆民. 生物质对呼盛褐煤灰熔融特性的影响, *化工进展*, 2015, 34 (3) : 710-714 (CSCD)
- (35) 王建飞, 赵建涛, **李风海**, 宋双双, 阎琪轩, 王志青, 黄戒介, 房倚天. 生物质与烟煤程序升温共热解产物特性分析, *化学工程*, 2015, 43 (6) : 14-18. (CSCD)
- (36) 李振珠, **李风海**, 马名杰, 黄戒介, 房倚天. 高灰熔点煤灰熔融特性的可控调整研究进展, *化学工程*, 2015, 43 (3) : 60-63. (CSCD)
- (37) 李振珠, **李风海**, 马修卫, 马名杰, 薛兆民. 生物质对呼盛褐煤灰熔融特性的影响, *化工进展*, 2015, 34 (3) : 710-714. (CSCD)
- (38) 李振珠, **李风海**, 马名杰, 黄戒介, 房倚天. 生物质与煤流化床共气化特性研究进展, *现代化工*, 2014, 34 (7) : 12-15. (CSCD)
- (39) **李风海**, 贾建波, 黄戒介, 房倚天. 含钙矿物质对褐煤灰熔融特性的影响研究, *煤炭转化*, 2012, 35(4): 7-10, (CSCD).
- (40) **李风海**, 黄戒介, 刘全润, 贾建波, 房倚天. 耐熔剂对小龙潭褐煤灰熔融特性的影响, *化学工程*, 2012, 40(10): 75-79, (CSCD).
- (41) 阎琪轩, **李风海**, 王建飞, 黄戒介, 赵建涛, 张永奇, 房倚天. 压力对煤焦CO<sub>2</sub>气化反应动力学参数的影响, *化学工程*, 2015, 42 (8) : 65-69. (CSCD)
- (42) 王颖, 贾建波, **李风海**, 仪桂云. 褐煤腐植酸的抽提及其对褐煤吸水性能的影响, *化学工程*, 2014, 42(2): 61-64, (CSCD).

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