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研究助理

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广东工业大学环境生态工程研究院百人计划教授, 博导

一、基本信息

冯景春, 中国科学院大学工学博士。

二、研究方向

天然气水合物开采及冷泉区甲烷释放的环境生态效应、海洋能源环境、深海新型污染物迁移转化、可持续能源战略规划等。

三、教育经历

2006.9-2010.7, 四川农业大学, 环境工程, 获学士学位;

2011.9-2016.7, 中国科学院广州能源研究所, 热能工程, 获博士学位。



四、工作经历

2016.7-2018.10, 中山大学, 特聘副研究员;

2018.10-2019.8, 中国科学院南海海洋研究所;

2019.8-2020.9, 广东工业大学环境生态工程研究院, 青年百人计划A+特聘教授、硕导;

2020.9-至今, 广东工业大学环境生态工程研究院, 百人计划教授、博导。

五、学术兼职

1.国际SCI期刊Applied Energy (IF=9.746) 助理编辑;

2.Cell旗下出版物 The Innovation 青年编委;

3.中国可再生能源协会天然气水合物专委会委员。

六、主要荣誉

1.2021 Energy and Fuels Rising Stars;

2.中国科学院院长特别奖;

3.中国科学院百篇优秀博士学位论文;

4.中国科学院青年创新促进会会员。

七、主持项目

1.海域可燃冰开采及环境生态效应, 国家自然科学基金优秀青年科学基金项目, 2021-2023

2.海洋开发环保安全技术发展战略研究, 中国工程院 &国家自然科学基金委联合战略研究与咨询项目课题, 2021-2022

3.深海生物资源开发与环境生态保护战略研究, 中国工程院重大咨询项目课题, 2020

4.神狐海域可燃冰分解甲烷泄漏通道的形成演化机理, 广州市基础研究计划基础与应用基础研究项目, 2020

5.天然气水合物开采的生态环境效应, 2019年中国科学院青年创新促进会会员项目, 2019-2022

6.粉砂质沉积物中天然气水合物分解过程的热值耦合传递机理, 国家自然科学基金青年基金, 2019-2021

7.广东省参与全国碳排放交易市场企业2016、2017年度温室气体排放核查项目, 广东省发改委委托项目

8.2017年广东省控排企业碳排放报告复查、抽查项目, 广东省发改委委托项目

9.2016年广东省控排企业碳排放报告复查、抽查项目, 广东省发改委委托项目

10.广东省生态文明建设十三五规划中期评估, 广东省发改委委托项目

11.佛山市探索碳排放交易权有偿使用政策路径研究, 佛山市发展改革委委托项目

12.珠江口盆地天然气水合物双水平井模拟开采潜力研究, 中国科学院天然气水合物重点实验室项目

八、代表科研成果

Feng JC, Sun LT, Wang Y, Li XS. Advances of experimental study on gas production from synthetic hydrate reservoir in China. Chinese Journal of Chemical Engineering, 2019;27:2213-2225

Feng JC*, Zeng XL, Yu Z, Bian Y, Li WC, Wang Y. Decoupling and driving forces of industrial carbon emission in a coastal city of Zhuhai, China. Energy Reports, 2019;5:1589-1602.

Yan JY,**Feng JC**. Visual special issue: Low carbon development and transformation of cities. Applied Energy, 2018;231:1-3.

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Feng JC, Wang Y, Li XS*, Li G, Zhang Y, Chen ZY. Effect of horizontal and vertical well patterns on methane hydrate dissociation behaviors in pilot-scale hydrate simulator. Applied Energy. 2015; 145:69-79.

Feng JC, Wang Y, Li XS*. Hydrate dissociation induced by warm brine stimulation in conjunction with depressurization in cubic hydrate simulator with silica sand. Applied Energy. 2016; 174:181-191.

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Feng JC, Wang Y, Li XS*, Li G, Zhang Y. Three dimensional experimental and numerical investigations into hydrate dissociation in sandy reservoir with dual horizontal wells. Energy. 2015; (90):836-845

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Feng JC, Wang Y, Li XS*, Li G, Zhang Y, Chen ZY. Production performance of gas hydrate accumulation at the GMGS2-Site 16 of the Pearl River Mouth Basin in the South China Sea. Journal of Natural Gas Science and Engineering. 2015; 27:306-320

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Feng JC*, Tang S, Yu Z. Integrated Development of Economic Growth, Energy Consumption, and Environment Protection from Different Regions: Based on City Level. Energy Procedia. 2019, 158: 4268-4273.

Feng JC*, Zeng XL, Yu Z, Xu WJ, Zhang WY, Chen XL. Toward Low-Carbon Industry: Carbon Emission and Decoupling Status of Industry Sector in a Coastal City of Zhuhai, China. Energy Procedia.2018, 152: 793-798.

FengJC, Wang Y, Li XS*. Large Scale Experimental Evaluation to Methane Hydrate Dissociation below Quadruple Point by Depressurization Assisted with Heat Stimulation. Energy Procedia.2017, 142: 4117-4123. (EI)

FengJC, Wang Y, Li XS*. Huff and Puff Induced Hydrate Dissociation Above and Below the Phase Equilibrium Point with Low Gas Saturation. Energy Procedia.2016, 105:10-13.

冯景春,李小森*,王屹,张郁,李刚,陈朝阳.三维实验模拟双水平井联合法开采天然气水合物.现代地质.2016,4:929-936.

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九、我的团队

以杨志峰院士为团队带头人的环境生态工程研究院欢迎有环境、热能、生态、水利、化学等专业背景的学生报考硕士研究生!

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