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012042

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012043

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012044

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012045

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012046

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012047

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012048

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Aihua Zhang, Qin Wang, Yidan He, Pengying Lai, Yifu Miu and Zhihong Xiao

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012049

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012050

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012051

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012052

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[Study on the optimization of timing for horizontal well re-fracturing in tight oil reservoir -- A case study of Baikouquan Formation in North Mahu Oilfield, Junggar Basin, Western China](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012052)

Alimujiang Sidike, Xie Bin, Zeng Bin, Wu Guodong, Yang Zhaozhong, Chen Jianlin, Meng Jigang, Huang Bo and Li Xiaogang

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012054

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012055

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012056

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012057

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012058

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012060

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[The establishment of a newly modified numerical global springback compensation method](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012060)

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012061

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[The application of a newly modified numerical global springback compensation method](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012061)

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012062

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[Fabrication of Ag-incorporated TiO2 film on TiNb substrate and evaluation on its antibacterial activity against *E. coli*](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012062)

Liao Xiaogang, Li Gang, Xiang Xiaoqian, Fu Tao and Tang Guo

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012063

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[Label-free electrochemical aptasensor for GPC3 detection based on RGO-CS-Fc/Pt NPs](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012063)

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012064

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[Influence of Carbothermal Reduction Process on the Microscopic Properties of Lime-Free Roasting Chromite Ore Processing Residue (COPR)](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012064)

Geng Cheng, Xuejun Quan, Huazheng Luo, Weiyang Bai and Lu Cunfang

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012065

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012066

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012067

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012068

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[Study on Microwave Method for Jet Fuel's Silver Corrosion Test](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012068)

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012069

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012070

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[Production and characterization of modified biochar by corn cob and its ability to absorb phenol](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012070)

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012071

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[Micellar and Interfacial Behavior of Mixed Systems Containing Anionic-nonionic Gemini Surfactant](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012071)

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012072

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[Study on Thermal Oxidation and Viscosity Degradation for Synthetic Aviation Lubricant Fluids](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012072)

Fei Yi-Wei, Ruan Shao-Jun, Ma Jun and Guo Feng

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012073

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[Study on microwave pyrolysis of Mengdong lignite by Fe/Ca@Al2O3 catalyst](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012073)

Guanghua Wang, Xiaoyuan Li, Qingdong Wang, Zhiyong Ma and Xiaodan Li

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012074

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[Solvent swelling behaviour of Shenmu-Fugu and Shengli coals](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012074)

Yan-Bin Wei, Xian-Yong Wei, Ting-Ting Sun and Zhi-Min Zong

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012075

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[Low NOX combustion mechanism of coke oven gas with excess air coefficient and flue gas recirculation](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012075)

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012076

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[Study on adsorption performance of pine needle biochar on rhodamine B](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012076)

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012077

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[Effect of Fe-modified ZSM-5 catalyst during microwave assisted pyrolysis of Mengdong lignite for the oil production](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012077)

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012078

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[Optimization and control of NOx in coke oven vertical flue under flue gas recirculation](https://iopscience.iop.org/article/10.1088/1757-899X/729/1/012078)

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012079

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Wenxiao Tang, Ningning Cai, Hongxia Xie, Yachun Liu, Zhifeng Wang, Youhong Liao, Taotao Wei, Chao Zhang, Zaihui Fu and Dulin Yin

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