**主要论文专著目录（“基础研究、应用基础研究类”限8条）**

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| 序号 | 论文专著名称 | 刊名 | 作者 | 年卷页码（xx年xx卷xx页） | 发表时间 | 通讯作者 | 第一作者 |
| 1 | Effect of Sodium Oleate on the Adsorption Morphology and Mechanism of Nanobubbles on the Mica Surface | Langmuir | **Xiao, Wei**.; Zhao, Yulong.; Yang, Juan.; Ren, Yaxin.; **Yang, Wei**.; Huang, Xiaotao.; **Zhang, Lijuan** | 2019年35卷28期9239-9245页 | 2019年 | **Zhang, Lijuan** | **Xiao, Wei** |
| 2 | Adsorption of bulk nanobubbles on the chemically surface-modified muscovite minerals | Ultrasonics Sonochemistry | Zhou, Weiguang.; Niu, Jiaojiao.; **Xiao, Wei**.; Ou, Leming | 2019年51卷31-39页 | 2019年 | Ou, Leming | Zhou, weiguang |
| 3 | Adsorption mechanism of sodium oleate and styryl phosphonic acid on rutile and amphibole surfaces | Transactions of Nonferrous Metals Society of China | **Xiao, Wei.;** Ren, Yaxin.; Yang, Juan.; Cao, Pan.; Wang, Jun.; Qin, Wenqing.; Qiu, Guanzhou | 2019年29卷9期1939-1947页 | 2019年 | **Xiao, Wei** | **Xiao, Wei** |
| 4 | Force Spectroscopy Revealed a High-Gas-Density State near the Graphite Substrate inside Surface Nanobubbles | Langmuir | Wang, Shuo.; **Zhou, Limin**.; **Wang, Xingya**.; Wang, Chunlei.; Dong, Yaming.; Zhang, Yi.; Gao, Yongxiang.; **Zhang, Lijuan**.; **Hu, Jun** | 2019年35卷7期2498-2505页 | 2019年 | **Hu, Jun** | Wang, Shuo |
| 5 | Influence of Mixing and Nanosolids on the Formation of Nanobubbles | Journal of Physical Chemistry | **Xiao, Wei**.; Wang, Xingxing.; **Zhou, Limin**.; Zhou, Weiguang.; Wang, Jun.; Qin, Wenqing.; Qiu, Guanzhou.; **Hu, Jun**.; **Zhang, Lijuan** | 2019年123卷1期317-323页 | 2019年 | **Zhang, Lijuan** | **Xiao, Wei** |
| 6 | Formation and Stability of Bulk Nanobubbles in Different Solutions | Langmuir | Ke, Shuo.; **Xiao, Wei**.; Quan, Nannan.; Dong, Yaming.; **Zhang, Lijuan**.; **Hu, Jun** | 2019年35卷15期5250-5256页 | 2019年 | **Zhang, Lijuan** | Ke, Shuo |
| 7 | The Role of Nanobubbles in the Precipitation and Recovery of Organic-Phosphine-Containing Beneficiation Wastewater | Langmuir | **Xiao, Wei**.; Ke, Shuo.; Quan, Nannan.; **Zhou, Limin**.; Wang, Jun.; **Zhang, Lijuan**.; Dong, Yaming.; Qin, Wenqing.; Qiu, Guanzhou.; **Hu, Jun** | 2018年34卷21期6217-6224页 | 2018年 | **Hu, Jun** | **Xiao, Wei** |
| 8 | 枣阳微细粒难选原生金红石矿强化浮选分离机制 | 冶金工业出版社 | 肖巍 | ISBN 978-7-5024-8148-3 | 2019 | 肖巍 | 肖巍 |