
2013-2014 Annual Meeting

January 12, 2014 (Sunday)
SKLC meeting room

Session I Chairpersons: Zhiliang Wang, Yun Ye

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|------------|--------------|---|
| 8:30-9:00 | Xiuli Wang | Basic principles of time-resolved spectroscopy and their application in photo(electro)catalytic mechanisms
时间分辨光谱基本原理及其在光（电）催化机理研究中的应用 |
| 9:00-9:30 | Shaoqing Jin | The relationship between microstructure of semiconductor and photocatalytic activity studied by spectroscopy
半导体微结构与光催化活性关系的光谱手段研究 |
| 9:30-10:00 | Guiji Liu | A hole-storage-layer modified tantalum nitride photoanode for highly stable solar water splitting
空穴储存层修饰的氮化钽光阳极及其太阳能分解水研究 |

Break (10 min)

Session II Chairperson: Shenyang Wang

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| 10:10-10:40 | Fengtao Fan | AFM tip goes for charge-transfer characterization in photocatalysis: principle and application
光催化材料电荷转移过程的原子力显微镜表征：基本原理和应用 |
| 10:40-11:10 | Wangyin Wang | Hybrid system based on PSII for solar water splitting
基于光合系统 II 的太阳能光催化分解水 |
| 11:10-11:40 | Zheng Chen | Incorporating boron into calcium manganese oxide structure as efficient water oxidation catalyst
含硼的钙锰氧化物作为高效的产氧催化剂 |

Lunch

Session III Chairpersons: Lingyu Zhou, Zhenpan Chen

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| 13:30-14:00 | Rengui Li | Photocatalytic overall water splitting on TiO ₂ based photocatalysts with different phases (anatase, rutile and brookite)
不同物相氧化钛基光催化剂太阳能水分解研究 |
| 14:00-14:30 | Bo Yuan | The study on photocatalytic aerobic oxidation
光催化氧化反应研究 |
| 14:30-15:00 | Wei Qin | Research on Si based tandem device applied in photoelectrochemical water splitting
硅基叠层薄膜太阳能电池在光电催化分解水中的应用 |
| 15:00-15:30 | Qingqing Jiang | Solar thermal CO and H ₂ production through two step thermochemical CO ₂ and H ₂ O splitting reaction
太阳能光热转化 CO ₂ 以及 H ₂ O 制备化学燃料 |

Break (10 min)

Session IV	Chairpersons: Mingmei Zhong, Bao Zhang	
15:40-16:10	Guoqing Jia	Chirality of G-quadruplex DNAs: Structure and Catalysis 富鸟嘌呤四链体 DNA 的手性研究: 结构和催化
16:10-16:40	Xiaomin Zhang	Self-assembly of sulfonated polystyrene in a confined nanospace 纳米空间内磺酸聚苯乙烯大分子组装行为的研究
16:40-17:10	Yandie Chen	A new multi-metallic bulk catalyst with high hydrodesulfurization activity of 4,6-DMDBT prepared using layered hydroxide salts as structural templates 以层状羟基盐为模板合成的具有高加氢脱硫活性的的多金属体相催化剂
17:10-17:40	Can Li	待定

Note:

30 min per talk, including 10 min discussion
