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- 이종접합 기반 초고효율 태양전지 설계 및 제작 기술, - 유연 투명 전자 소자 (UV sensor, photovoltaic cell, thin-film transistor (TFT) 등), - 나노 및 이차원 물질 기반 고성능 광소자(photo-detector, solar cell 등), - Design and fabrication technologies of ultra-high efficiency solar cells based on heterojunction, - Flexible transparent electronic devices like UV sensor, photovoltaic cell, thin-film transistor (TFT), etc., - High-performance optoelectronic devices based on nano and two-dimensional materials such as photo-detectors, solar cells, etc.

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최근 5년 실적 (논문)  
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