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- 0241 Sol-gel synthesis of black ZnO/AuNPs nanocomposites for effective photocatalytic activity of methylene blue  
ZHANG Hong-yan (张红燕), YU Shu-guo (于淑国), and BIAN Ming-jing (卞明晶)
- 0245 Electrospun zinc oxide nanospheres for ultrasensitive room-temperature gas sensors  
ZHONG Fu-ru (钟福如), ZHANG Yong-cai (张永才), WANG Lin-lin (王琳琳), and ZHOU Jie (周杰)
- 0248 Research on the preparation and growth mechanism of ZnO micro/nano nails  
LI Yu-jie (李育洁) and ZHANG Hai-ming (张海明)

## Devices

- 0252 The influence of dichroic beam splitter on the airborne multiband co-aperture optical system  
XING Zhen-chong (邢振冲), HONG Yong-feng (洪永丰), and ZHANG Bao (张葆)
- 0257 Research on a novel imaging bionic polarization navigation sensor for glimmer environment application  
GUAN Le (关乐), LI Shi-qi (李世奇), LIU Sheng (刘胜), and CHU Jin-kui (褚金奎)
- 0262 Effects of organic acids modified ITO anodes on luminescent properties and stability of OLED devices  
HU Jun-tao (胡俊涛), YE Kang-li (叶康利), HUANG Yang (黄阳), WANG Peng (王鹏), XU Kai (许凯), and WANG Xiang-hua (王向华)
- 0267 Single-photon imaging system with a fiber optic taper  
ZHENG Tian-xiang (郑天翔), SHEN Guang-yue (申光跃), LI Zhao-hui (李召辉), WU E (武愕), CHEN Xiu-liang (陈修亮), and WU Guang (吴光)
- 0271 An implantable optrode composed of fiber and flexible thin-film electrode  
WANG Fei (王飞), GUO Dong-mei (国冬梅), XIE Yu-xing (解宇星), ZHANG Liang (张靓), PEI Wei-hua (裴为华), and CHEN Hong-da (陈弘达)
- 0276 A novel FBG velocimeter with wind speed and temperature synchronous measurement  
ZHU Xiu-bin (朱秀斌)

- 0280 A temperature-insensitive polarization filter and a neotype sensor based on a hybrid-circular-hole microstructured optical fiber  
GUO Jun-qi (郭俊启), ZHOU Min (周敏), LU Yong-le (路永乐), DI Ke (邸克), HAN Jun-jian (韩军健), TANG Chuan (唐川), XU Xiao-hu (徐小虎), and LIU Yu (刘宇)

## Materials

- 0286 Buffer-modified C<sub>60</sub>/pentacene as organic charge generation layer based on Al and MoO<sub>3</sub>  
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- 0291 Influence of annealing temperature on visible-light photocatalytic activities of Ag<sub>3</sub>PO<sub>4</sub> particulates synthesized using CH<sub>3</sub>COOAg as a precursor  
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## Optical Fibers and Communications

- 0296 Performance analysis of multiuser diversity scheduling schemes in FSO communication system  
LIU Tao (刘涛), ZHANG Hai-lin (张海林), FU Hui-hua (傅慧华), WANG Ping (王平), and XIANG Nan (相楠)
- 0301 Frequency offset estimation in the intermediate frequency for satellite-based AIS signals  
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## Image and Information Processing

- 0306 Quantification of collagen fiber orientation based on center line of second harmonic generation image for naturally aging skins  
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- 0311 Multi-focus image fusion with half weighted gradient and self-similarity  
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- 0316 A band selection method of hyperspectral remote sensing based on particle frog leaping algorithm  
MU Lin-lin (穆琳琳), ZHANG Chao-zhu (张朝柱), CHI Peng-fei (池鹏飞), and LIU Lian (刘潋)

## Erratum