

# 研究进展

2019 11 20

Increasing Photothermal Efficacy by Simultaneous Intra- and Intermolecular Fluorescence Quenching

Adv. Funct. Mater., 2019, DOI: 10.1002/adfm.201908073

PTT

20 60 60 48

Physics

PTA

PTA

PTT

60 60 60 60 108

20 396

CBT-Cys

Biotin-Cystamine-Cys-Lys(Cypate)-CBT (1) 1

1

5 5

6

GSH

CBT-Cys

48

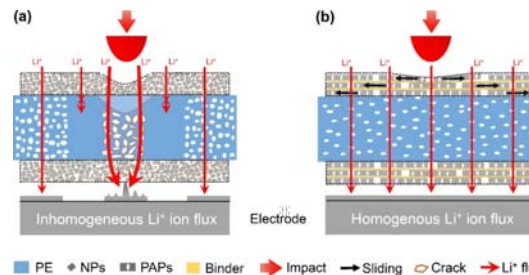
FRET

makes essential steps towards solving a critical problem an impressive technological achievement asignificant leap

is not only a powerful test of photonic strength but, rather, a trampoline for the upcoming quantum computational supremacy Physics

Biotin

it signifies a milestone in the field of quantum computation: approaching the point where a classical system cannot feasibly mimic a quantum system



2019 11 6 A Nacre-Inspired Separator Coating for Impact-Tolerant Lithium Batteries Advanced Materials

Superior Swimming Capabilities for Targeted Cargo Delivery Targeted Single-Cell Therapeutics with Magnetic Tubular Micromotor by One-Step Exposure of Structured Femtosecond Optical Vortices Advanced Materials Advanced Functional Materials [Adv. Mater., 31, 1808226, 2019; Adv. Funct. Mater., 29, 1905745, 2019]