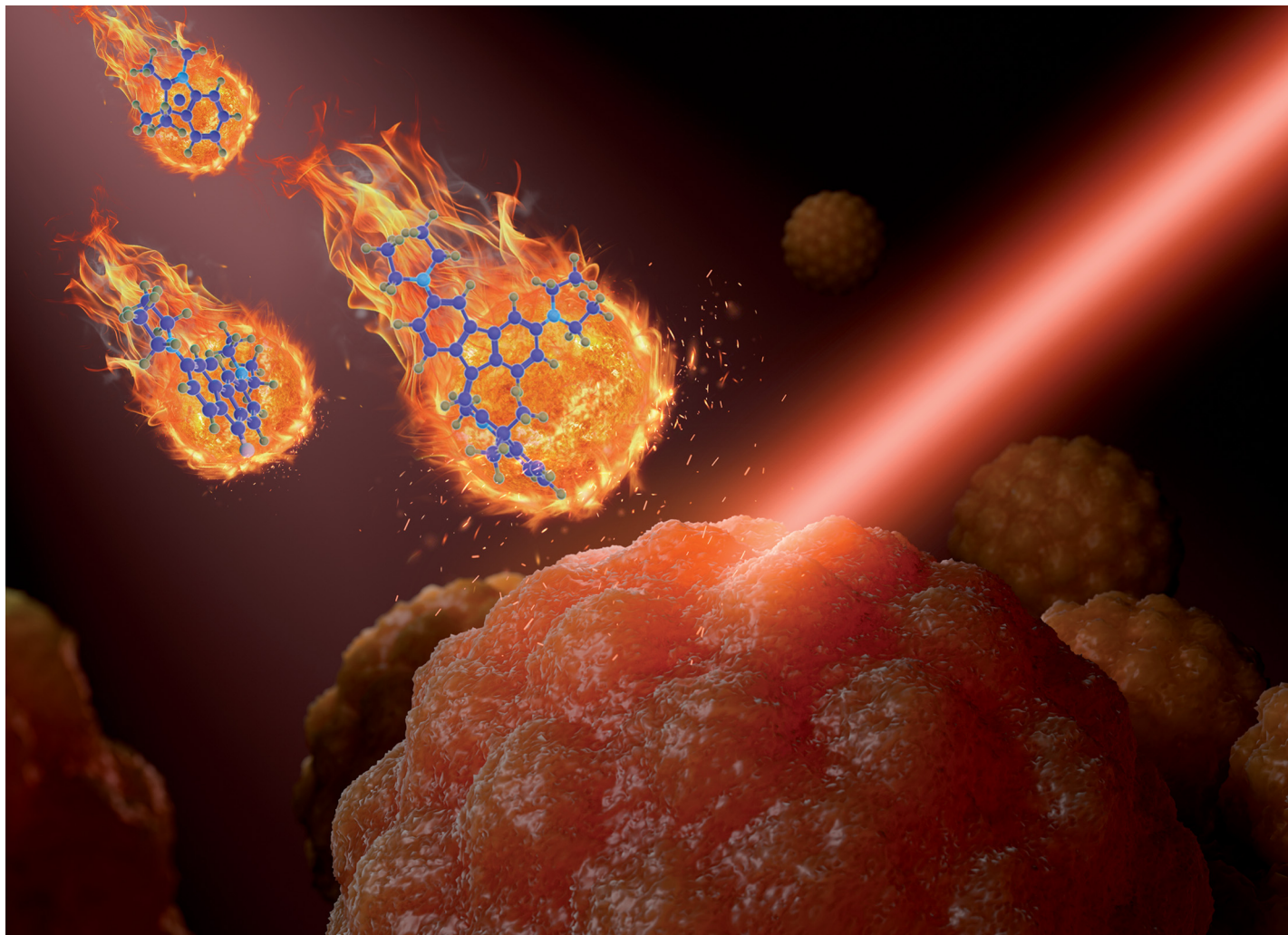


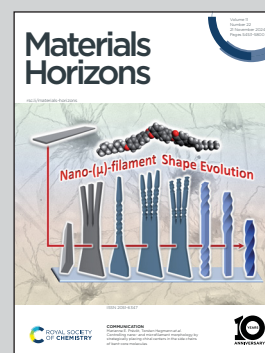


Showcasing research from Professor Kun Li's laboratory at the Key Laboratory of Green Chemistry and Technology of Ministry of Education, College of Chemistry, Sichuan University, Chengdu 61064, P. R. China.

De novo design of type-I photosensitizer agents based on structure-inherent low triplet energy for hypoxia photodynamic therapy

A series of Type-I photosensitizers were synthesized by decreasing the triplet energy levels and adjusting the donor-accepter interaction, which exhibited excellent anti-tumor capability. This work furnishes a new strategy of constructing purely Type-I photosensitizers.

As featured in:



See Kun Li *et al.*,
Mater. Horiz., 2024, **11**, 5589.