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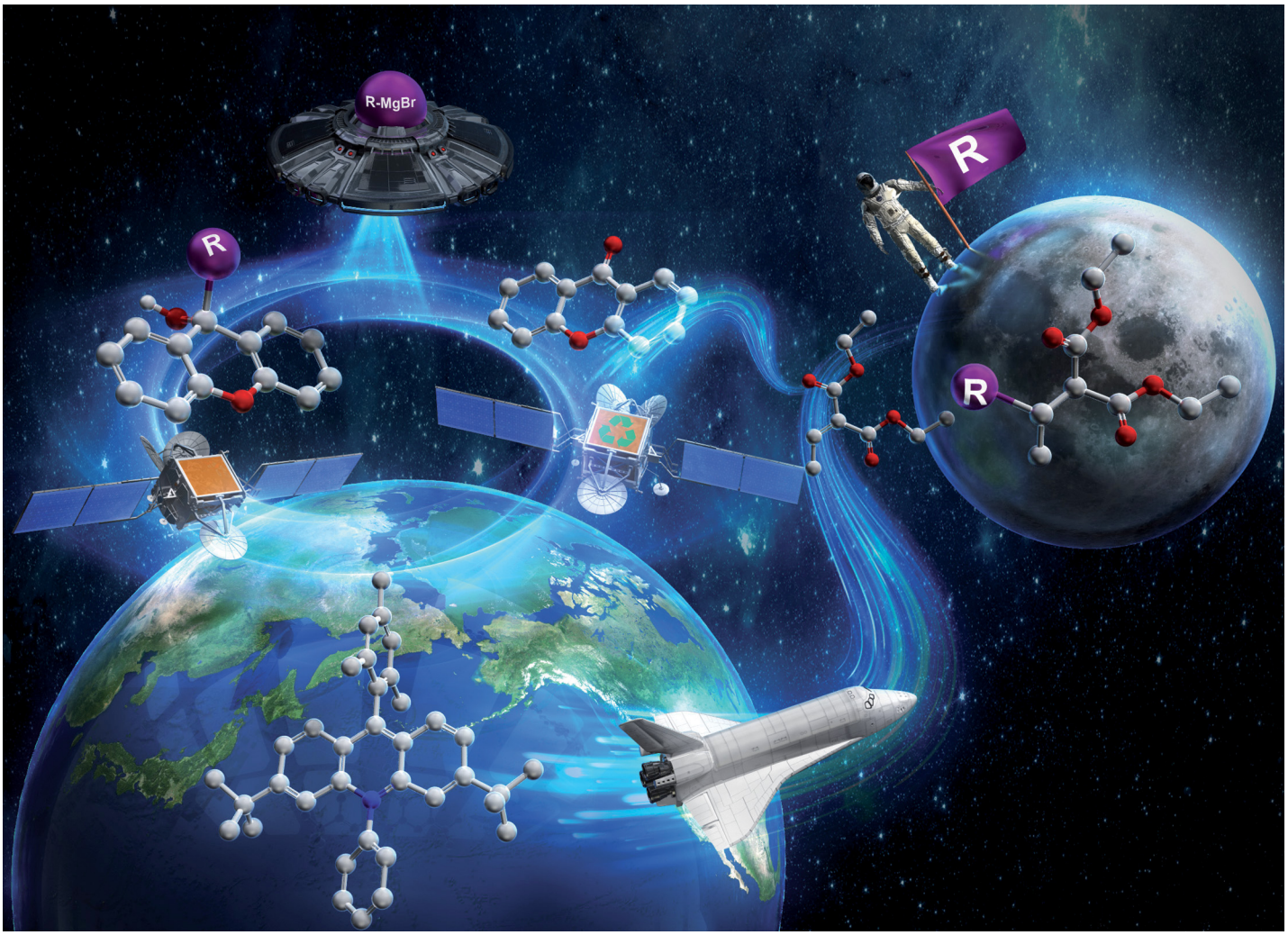
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Showcasing research from Professor Kenta Tanaka's laboratory, Okayama University, 3-1-1 Tsushimanaka, Kita-ku, Okayama, JAPAN.

Generation of alkyl radicals *via* C(sp^3)–C(sp^3) bond cleavage of xanthene-based precursors for photocatalytic Giese-type reaction

Novel xanthene-based alkyl radical precursors were developed and subjected to photocatalytic C(sp^3)–C(sp^3) bond cleavage for the efficient generation of alkyl radicals, which were subsequently reacted with various alkenes to afford the corresponding Giese-type products.

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As featured in:



See Isao Kadota, Kenta Tanaka *et al.*, *Chem. Commun.*, 2025, **61**, 16376.

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