

RSC Applied Interfaces

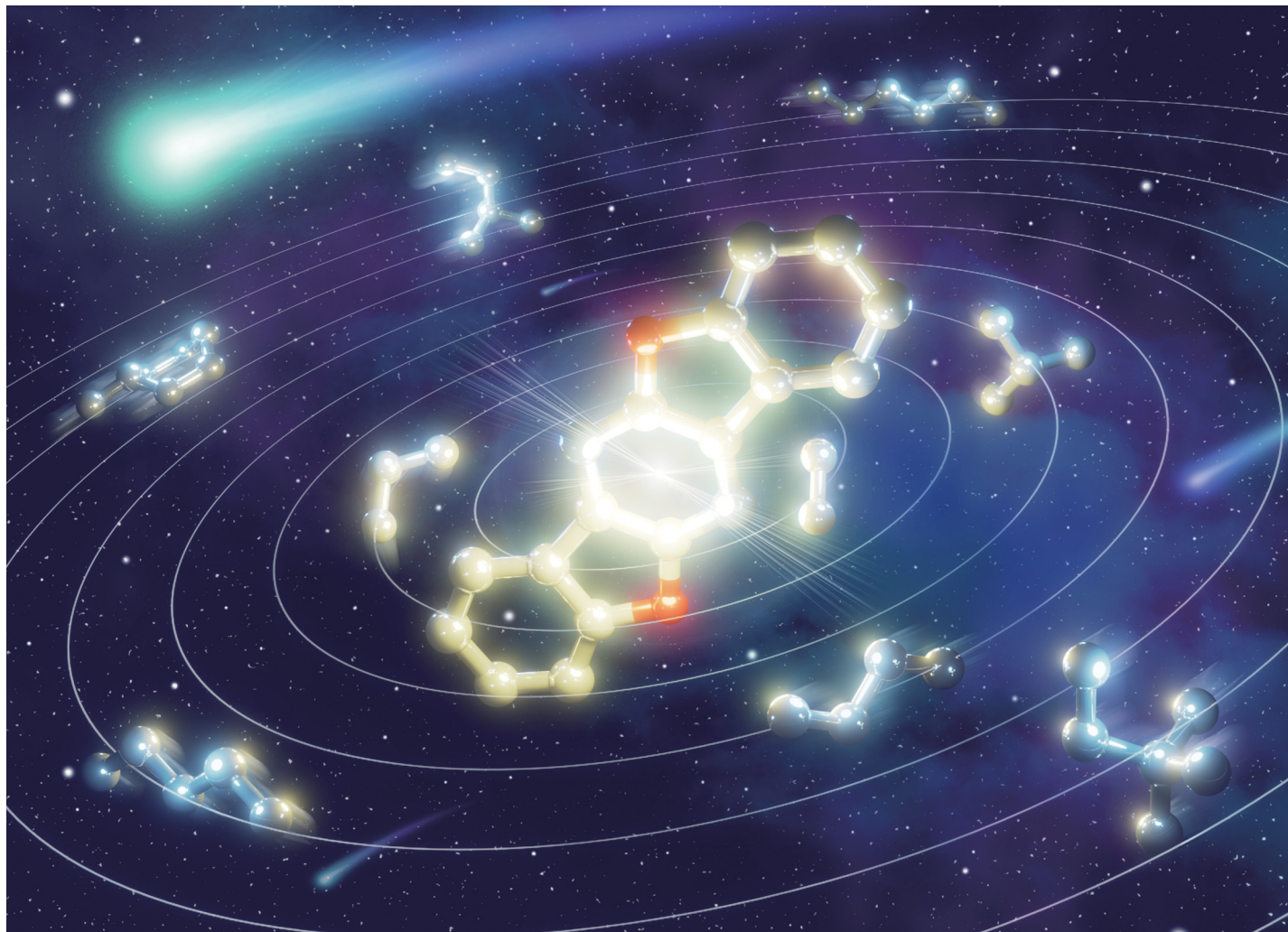
GOLD
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**Interfacial and surface research
with an applied focus**

Interdisciplinary and open access

rsc.li/RSCApplInter

**Fundamental questions
Elemental answers**

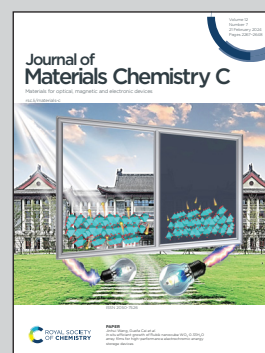


Showing research from Department of Applied Chemistry,
Graduate School of Engineering, Osaka University, Japan.

Tunable mechanochromic luminescence of benzofuran-
fused pyrazine: effects of alkyl chain length and
branching pattern

Introducing various alkyl chains to bisbenzofuopyrazines
enables control of both the on/off switching of mechanochromic
luminescence and self-recovery rates. This will guide rational
design of additional mechanochromic luminescent materials.

As featured in:



See Koji Hirano,
Norimitsu Tohnai *et al.*,
J. Mater. Chem. C, 2024, **12**, 2370.