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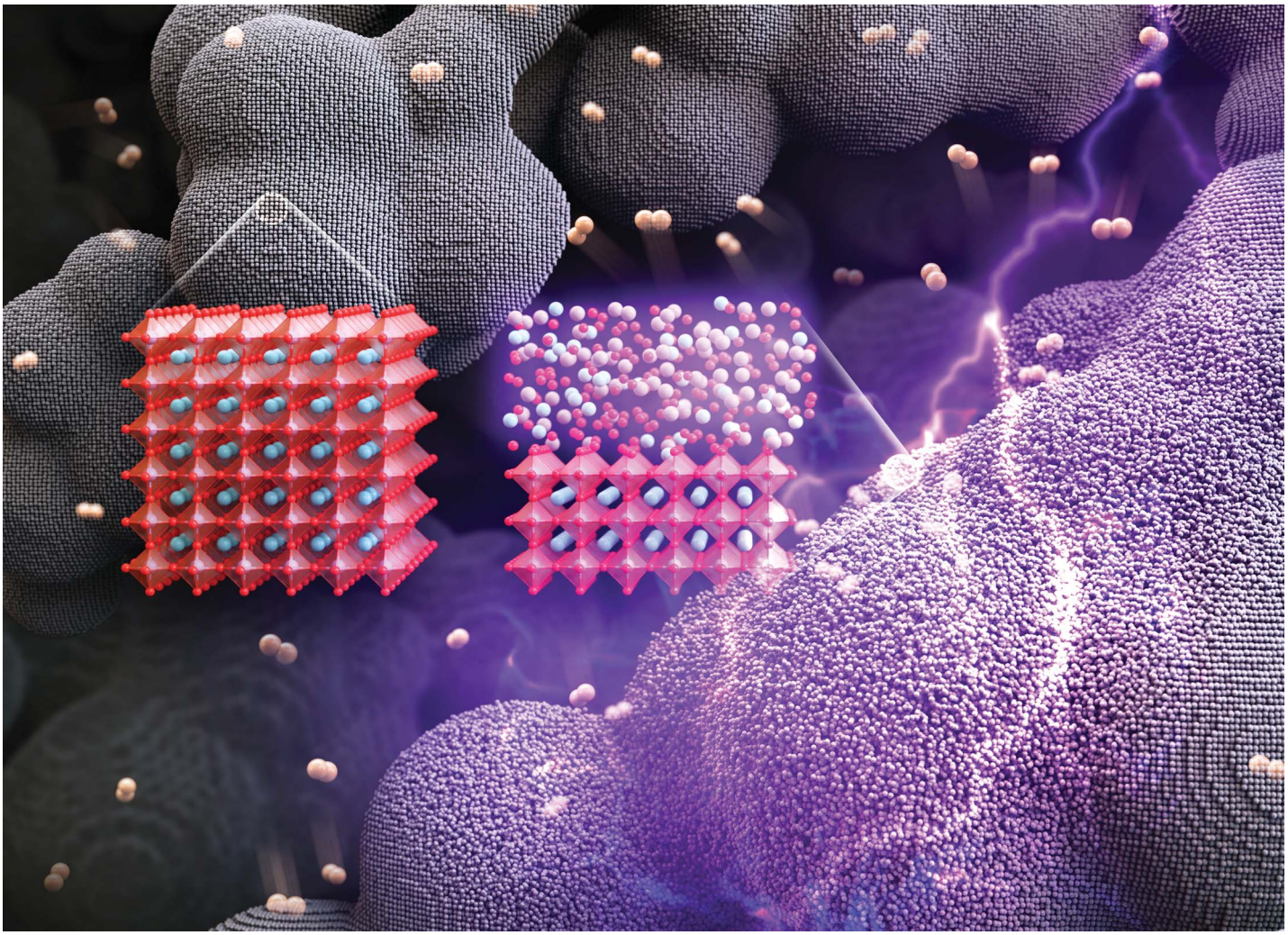
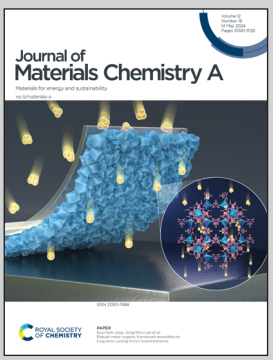


Showcasing the work on plasma-induced surface amorphization research by Prof. WooChul Jung's group, Department of Materials Science, Korea Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea.

Enhanced catalytic activity and stability of SOFC electrodes through plasma-driven surface modification

Plasma treatment effectively induces surface amorphization, which helps prevent Sr phase separation by reducing compressive strain and increasing structural flexibility compared to crystalline structures. This enhancement boosts both the catalytic activity and durability of the electrode. This approach provides an exciting avenue to harness the outstanding amorphous properties previously limited to theoretical studies.

As featured in:



See WooChul Jung *et al.*, *J. Mater. Chem. A*, 2024, **12**, 10695.

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