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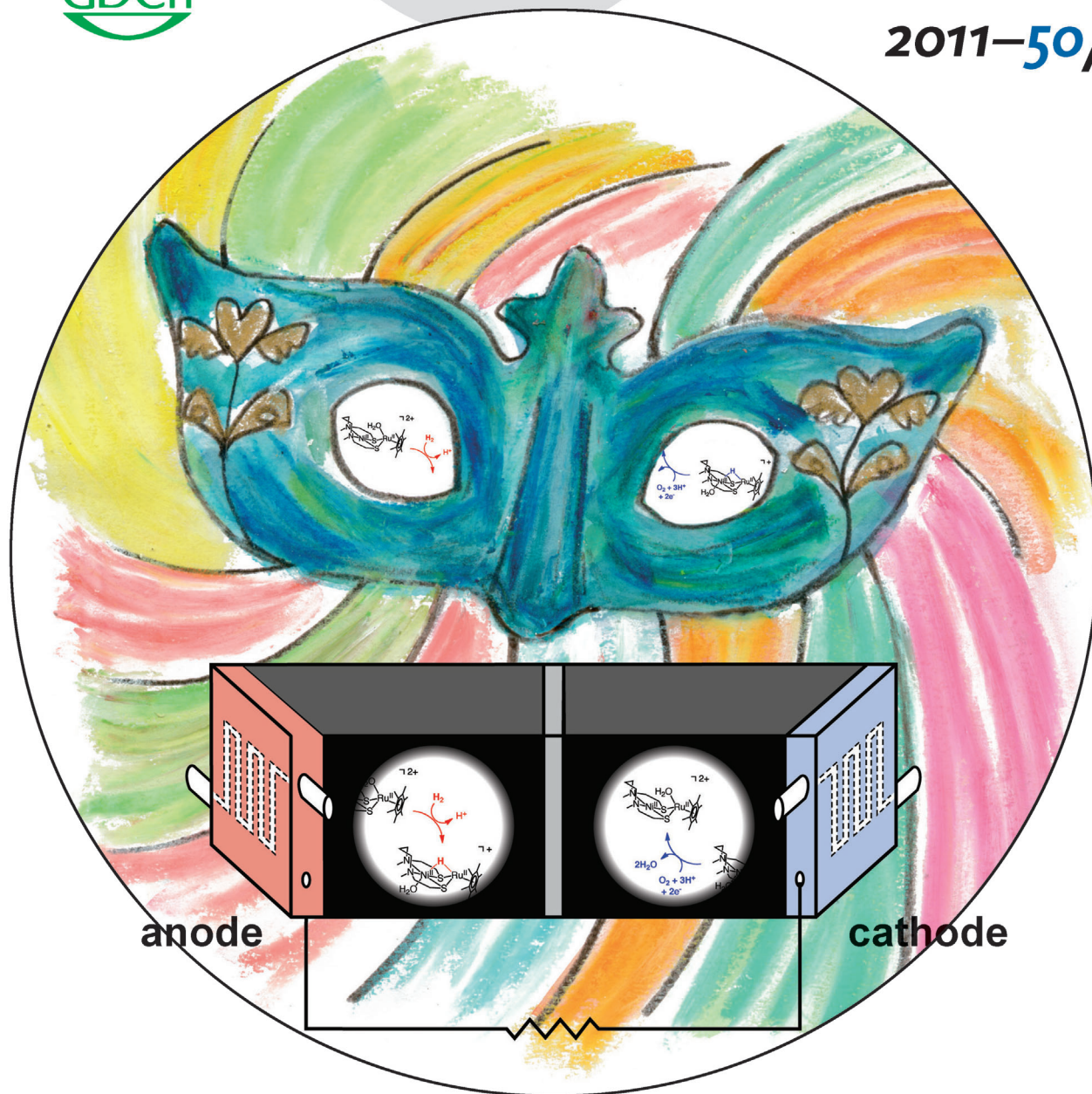
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... based on a single molecular catalyst is reported by S. Ogo and co-workers in their Communication on page 11 202 ff. This cell applies a recently discovered mechanism wherein a [NiFe]hydrogenase mimic is able to catalyze the oxidation of H_2 to protons. This molecular catalyst can function in both solid and solution phases, which provides both the handling convenience of the solid phase and the analytical clarity of the solution phase.

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A complete fuel cell based on a single molecular catalyst is reported by S. Ogo and co-workers in their Communication on page 11202 ff. This cell applies a recently discovered mechanism wherein a [NiFe]hydrogenase mimic is able to catalyze the oxidation of H₂ to protons. This molecular catalyst can function in both solid and solution phases, which provides both the handling convenience of the solid phase and the analytical clarity of the solution phase.

