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Inside cover
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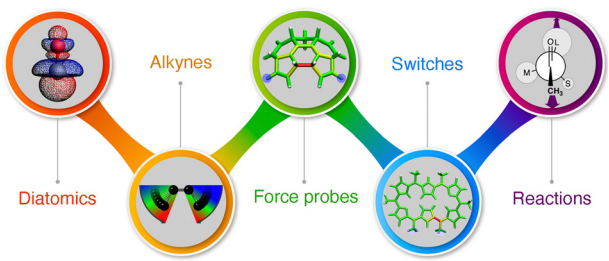
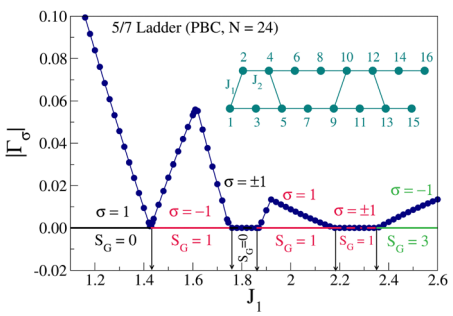
REVIEWS





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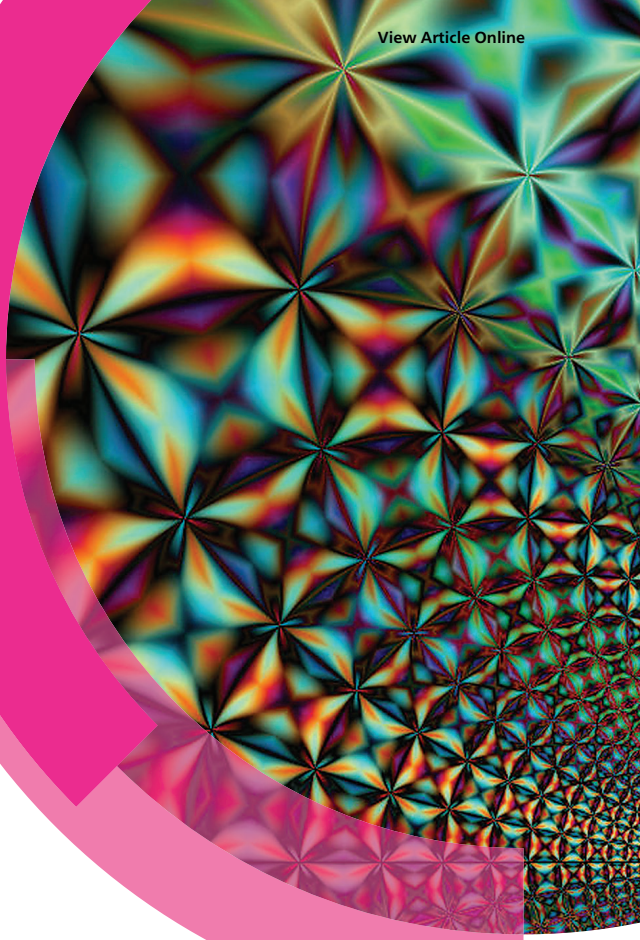

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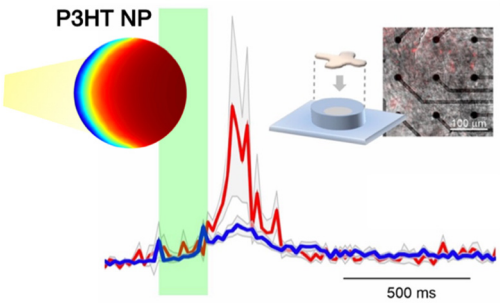

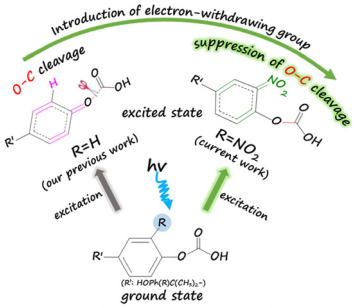

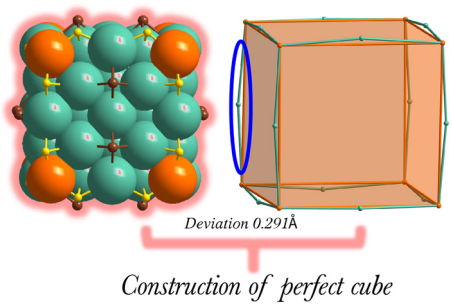

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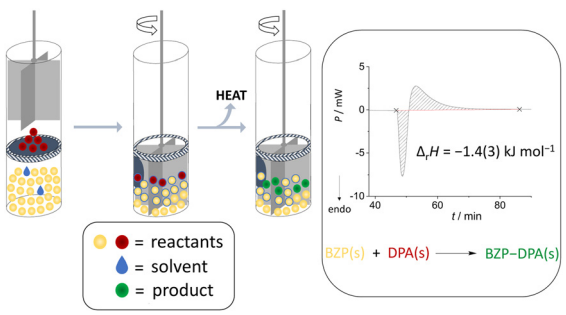

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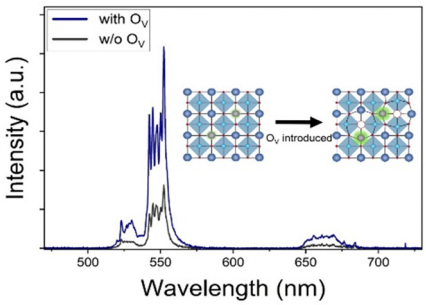

Enhancing the upconversion of Er^{3+} incorporated $BaTiO_3$ by introducing oxygen vacancies

Young Gwon Jung, Hyeongyu Bae and Kang Taek Lee*

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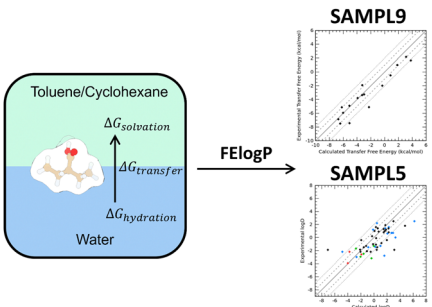

Development and test of highly accurate endpoint free energy methods. 3: partition coefficient prediction using a Poisson–Boltzmann method combined with a solvent accessible surface area model for SAMPL challenges

Taoyu Niu, Xibing He, Fengyang Han, Luxuan Wang and Junmei Wang*

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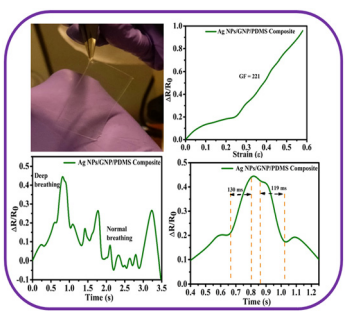

Flexible piezo-resistive strain sensors using all-polydimethylsiloxane based hybrid nanocomposites for wearable electronics

Rajib Mahato, Sk. Masiul Islam,* Ranjan Kumar Maurya, Sanjeev Kumar, Gaurav Purohit and Sumitra Singh*

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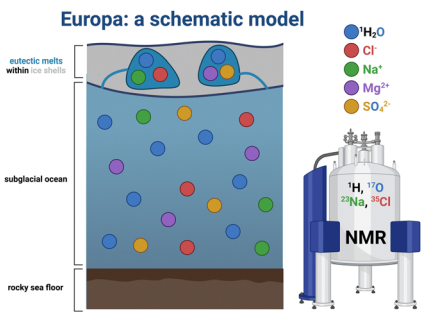

Water dynamics in eutectic solutions of sodium chloride and magnesium sulfate: implications for life in Europa's subsurface ocean and ice shell

Daniel Sieme and Nasrollah Rezaei-Ghaleh*

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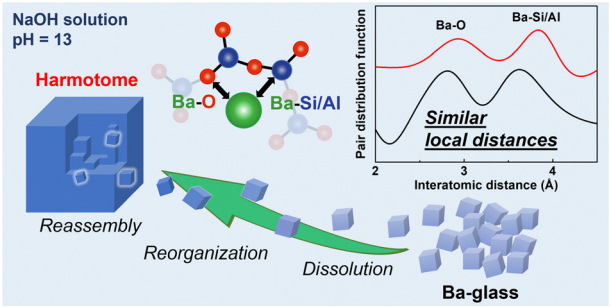

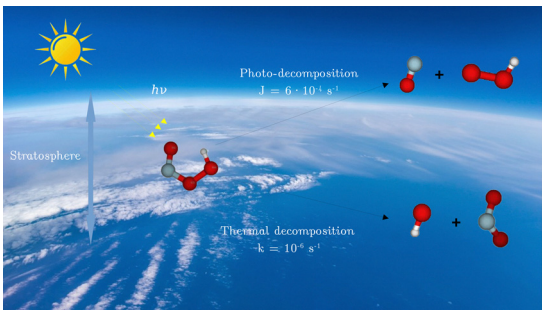

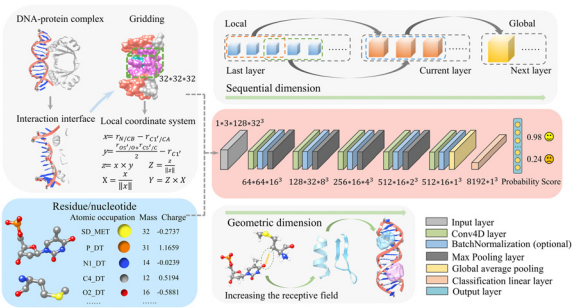

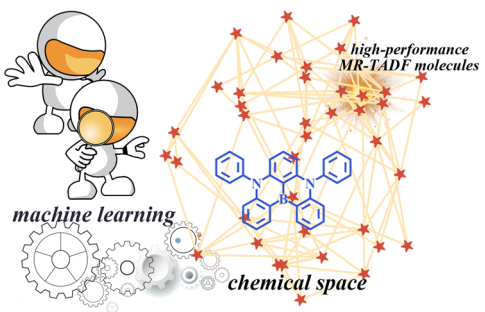

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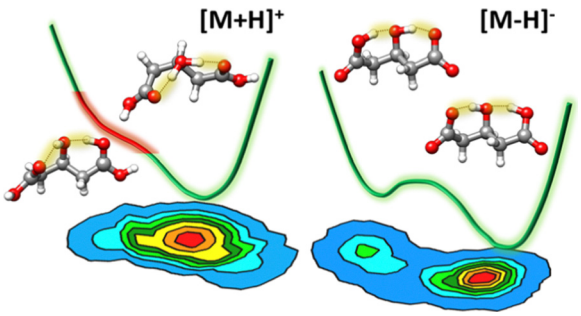

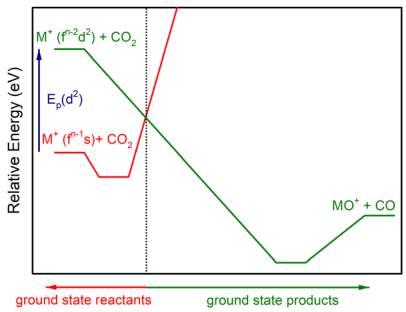

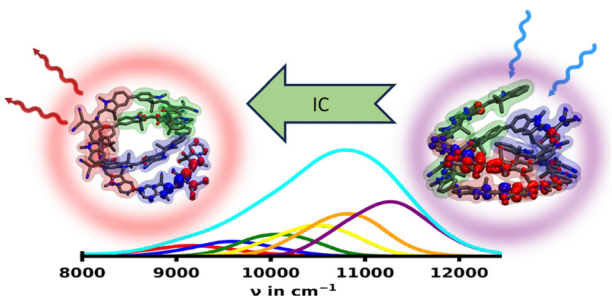

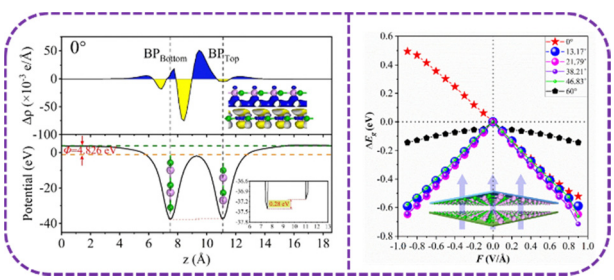

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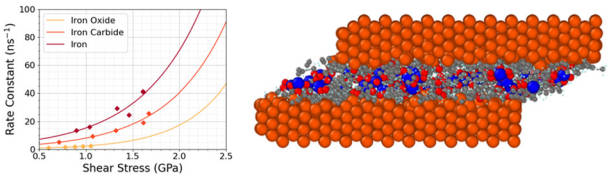

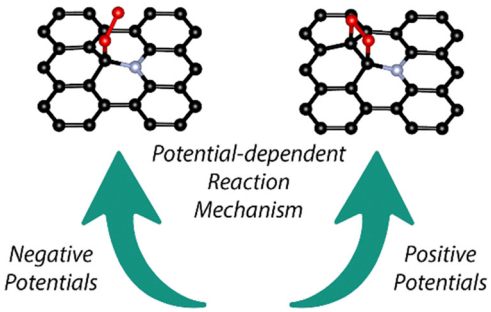

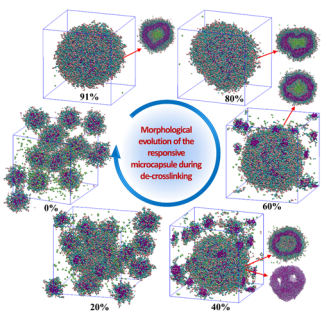

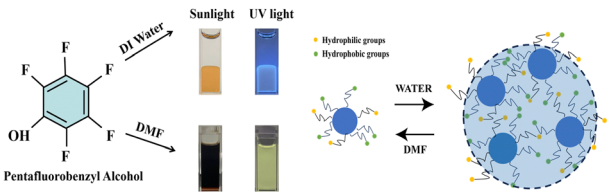

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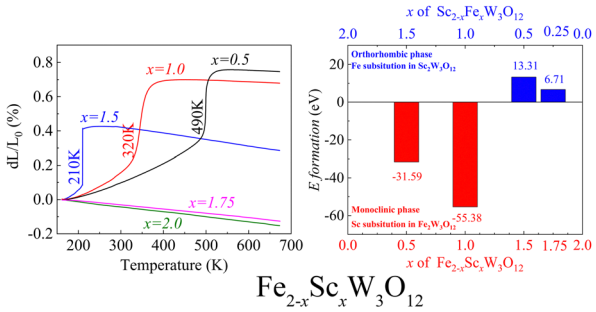

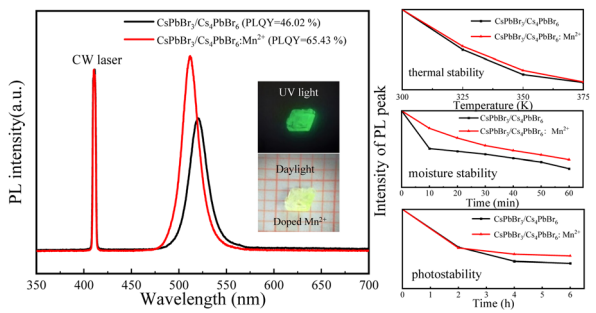

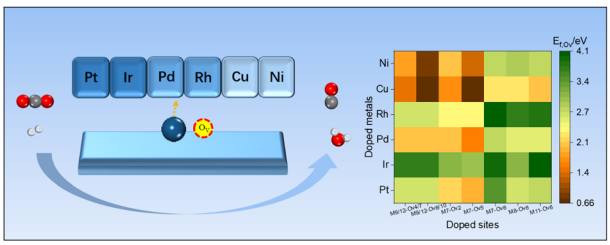

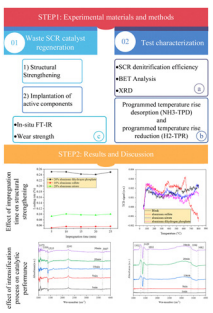

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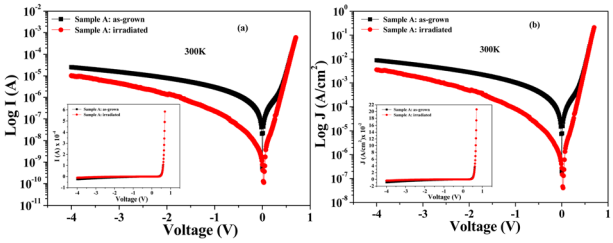

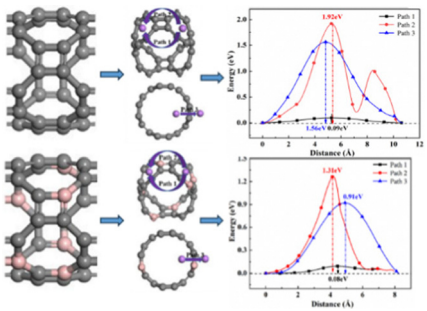

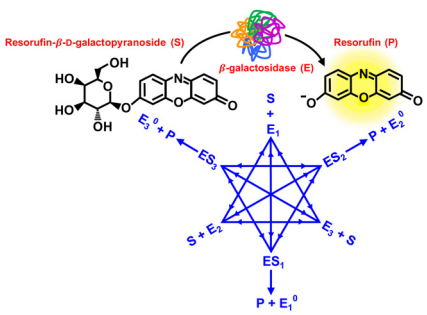

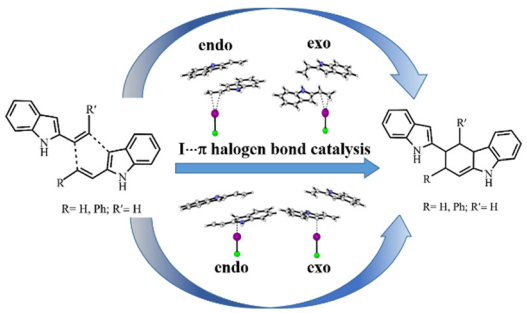

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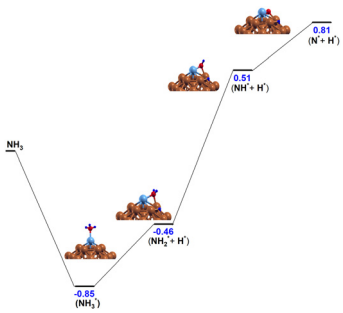

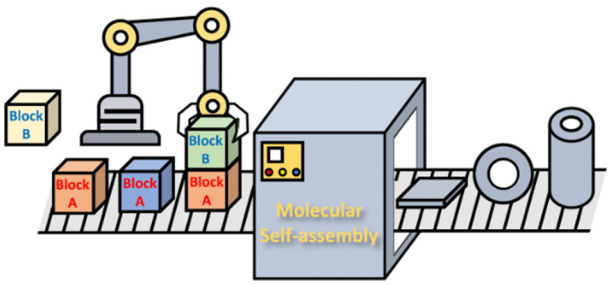

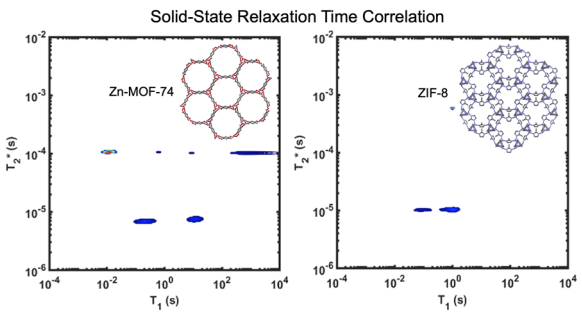

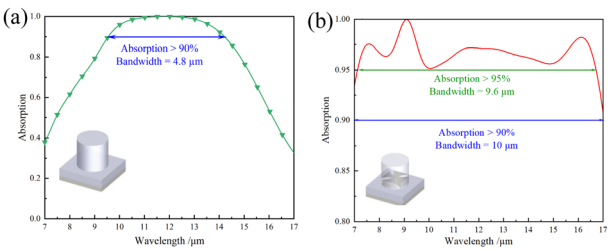

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CORRECTION

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Correction: Structural, electronic, optical, elastic, thermodynamic and thermal transport properties of $Cs_2AgInCl_6$ and $Cs_2AgSbCl_6$ double perovskite semiconductors using a first-principles study

Keqing Zhang, Lijun Zhang, S. K. S. Saravana Karthikeyan, Chang Yi Kong, Fuchun Zhang, Xiang Guo,* Nam Nguyen Dang, Sankar Ganesh Ramaraj* and Xinghui Liu*