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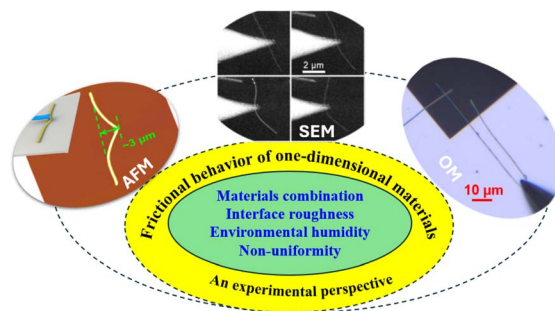
See Yanqi Yang and Mi Li, pp. 3306–3319. Image reproduced by permission of Mi Li from *Nanoscale Adv.*, 2024, 6, 3306.

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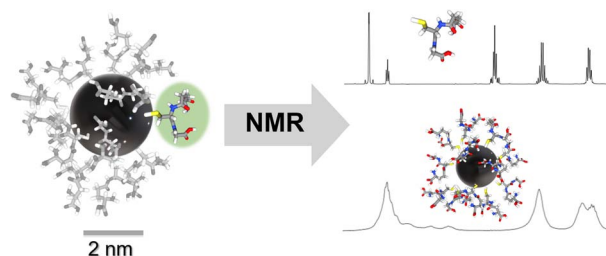


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Possibilities and limitations of solution-state NMR spectroscopy to analyze the ligand shell of ultrasmall metal nanoparticles

Natalie Wolff, Christine Beuck, Torsten Schaller and Matthias Eppe*



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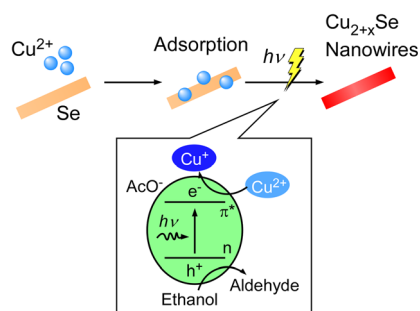
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**Fundamental questions
Elemental answers**

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Precise synthesis of copper selenide nanowires with tailored Cu vacancies through photo-induced reduction for thermoelectric applications

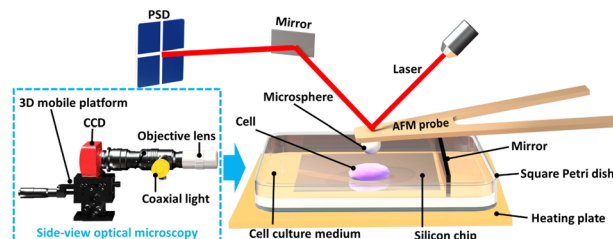
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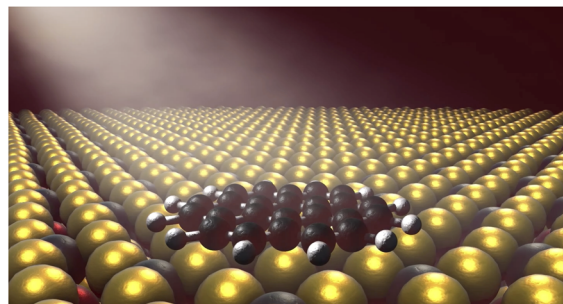
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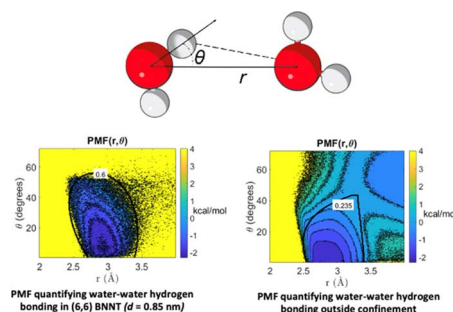
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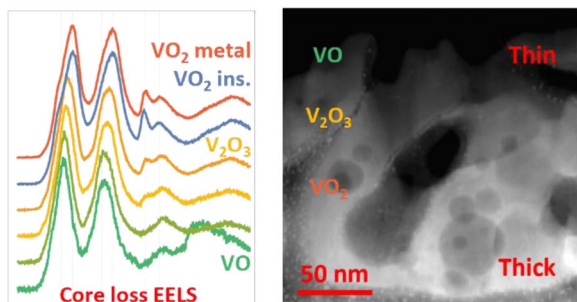
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Strength, number, and kinetics of hydrogen bonds for water confined inside boron nitride nanotubes

Bhargav Sai Chava and Siddhartha Das*



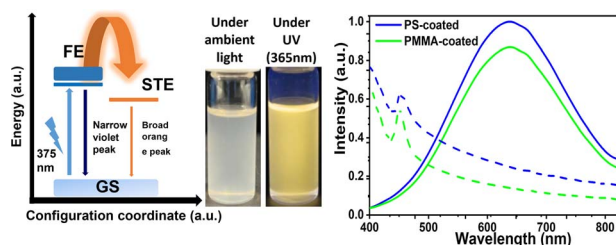
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Analytical electron microscopy analysis of insulating and metallic phases in nanostructured vanadium dioxide

Jan Krpenský, Michal Horák, Jiří Kabát, Jakub Planer, Peter Kepič, Vlastimil Křápek* and Andrea Konečná*

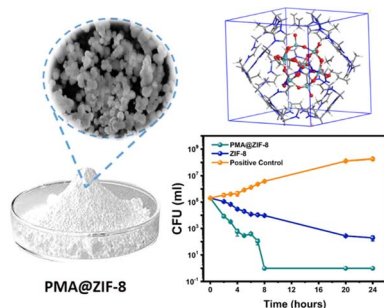
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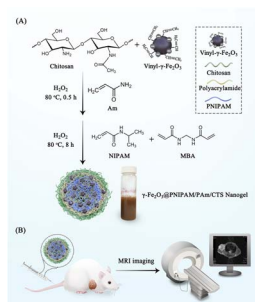
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Jinfeng Liao, Liangyu Zhou, Yongzhi Wu, Zhiyong Qian and Pei Li*

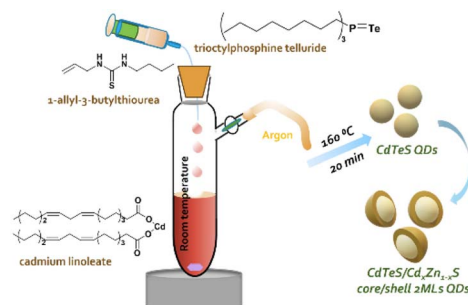


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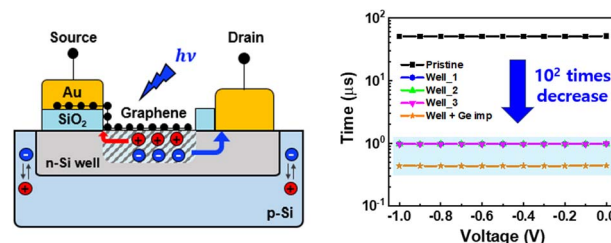
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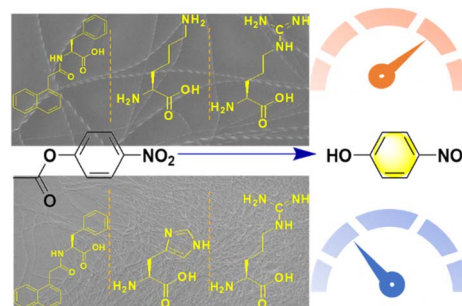
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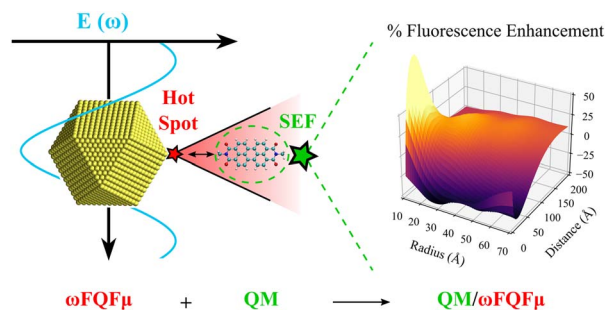
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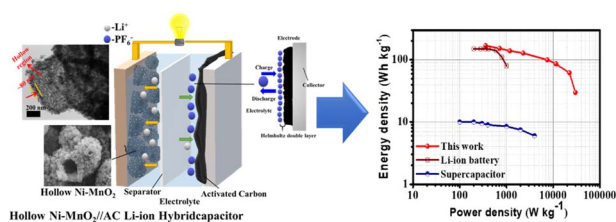
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Multiscale modeling of surface enhanced fluorescence

Pablo Grobas Illobre, Piero Lafiosca, Teresa Guidone, Francesco Mazza, Tommaso Giovannini* and Chiara Cappelli*



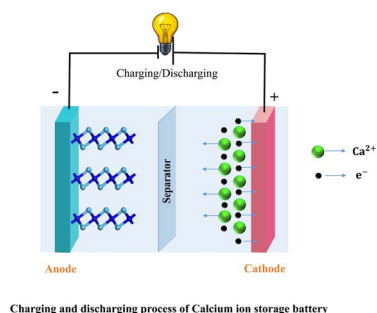
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Hierarchical hollow porous structures of nickel-doped λ - MnO_2 anodes for Li-ion energy storage systems

Venugopal Nulu, Arunakumari Nulu and Keun Yong Sohn*

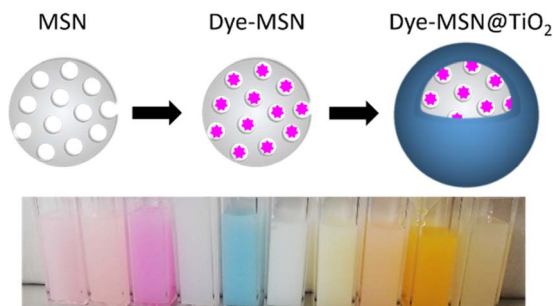
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Titania-mediated stabilization of fluorescent dye encapsulation in mesoporous silica nanoparticles

Laura Spitzmüller,* Jonathan Berson, Fabian Nitschke, Thomas Kohl and Thomas Schimmel

