

# Energy Advances

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## IN THIS ISSUE

ISSN 2753-1457 CODEN EANDBJ 3(2) 333-544 (2024)



### Cover

See Nageh K. Allam *et al.*, pp. 430–441. Image reproduced by permission of Mohamed Mahrous Abodouh from *Energy Adv.*, 2024, 3, 430.



### Inside cover

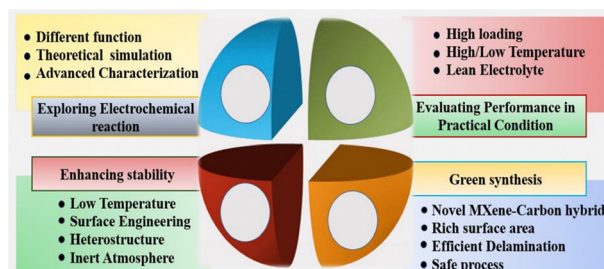
See Subhendu K. Panda *et al.*, pp. 442–450. Image reproduced by permission of Subhendu K. Panda from *Energy Adv.*, 2024, 3, 442.

## REVIEWS

341

### MXene–carbon based hybrid materials for supercapacitor applications

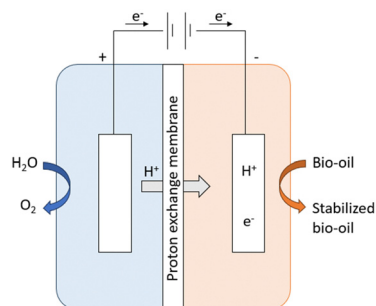
Pavithra Siddu N. K., Sang Mun Jeong\* and Chandra Sekhar Rout\*



366

### Improving plastic pyrolysis oil quality via an electrochemical process for polymer recycling: a review

César Catizane, Ying Jiang\* and Joy Sumner



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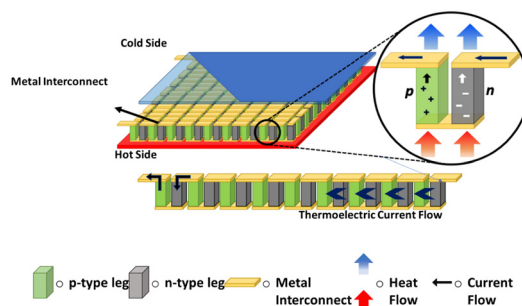


## REVIEWS

389

### Graphene-derived composites: a new Frontier in thermoelectric energy conversion

Vaishali Rathi,\* Ranjeet Brajpuriya,\* Rajeev Gupta,  
K. P. S. Parmar and Ashish Kumar\*

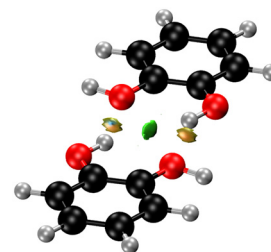


## COMMUNICATIONS

413

### Metastability and polymorphism in dihydroxybenzenes – implications for thermal energy storage

Tomas S. Northam de la Fuente, Mattia Gaboardi,  
Kalith M. Ismail, Valerio Di Lisio, Daniele Cangialosi,  
Alberto Otero-de-la-Roza, Pedro B. Coto\* and  
Felix Fernandez-Alonso\*

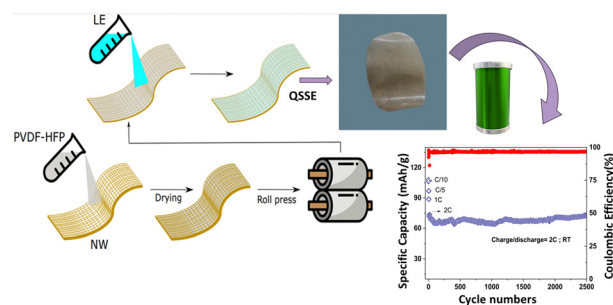


*dihydroxybenzenes for thermal energy storage*

419

### Tailored nonwoven supported non-flammable quasi-solid electrolyte enables an ultra-stable sodium metal battery

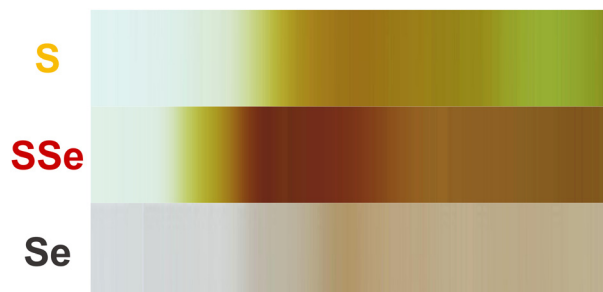
Sayan Das,\* Vilas G. Pol and Venimadhav Adyam



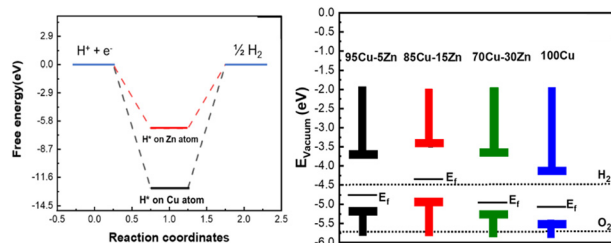
424

### Optical and X-ray absorption interrogation of selenium-based redox in Li-S<sub>x</sub>Se<sub>y</sub> batteries

Ryan H. DeBlock, Matthew J. Lefler, Zachary G. Neale,  
Corey T. Love, Jeffrey W. Long and Rachel Carter\*



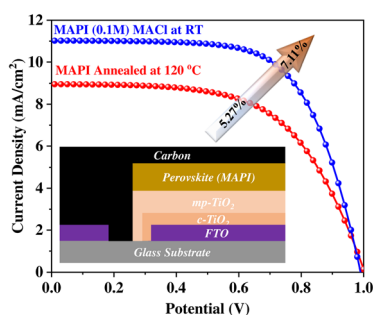
430



### Untapped potential of scrap brass alloy: a new frontier in the use of brass-based photocathodes for stable and durable photoelectrochemical water splitting

Rahma Leil, Mohamed Mahrous Abodouh, Nasir Javed, Sneha Sreekumar, Haydee Pacheco, Nada Tarek, Deirdre M. O'Carroll and Nageh K. Allam\*

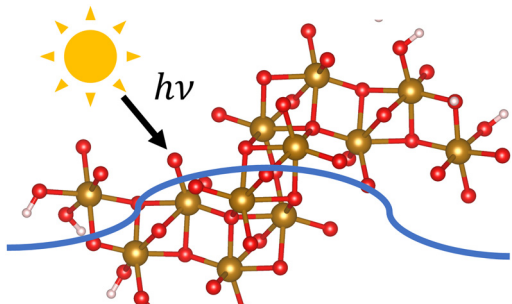
442



### An ambient process for hole transport layer-free highly stable MAPbI<sub>3</sub> by addition of MACl for efficient perovskite solar cells

Pardhasaradhi Nandigana, Bavatharini Saminathan, Sriram P., Sujatha D., Imthiaz Ahmed M., Ram Prasanth R., B. Subramanian and Subhendu K. Panda\*

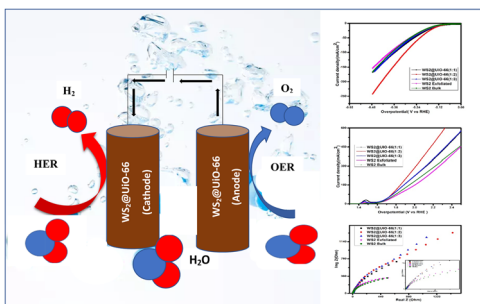
451



### Simulations for charge transfer and photocurrent calculations using hematite for green hydrogen production

Nadav Snir and Maytal Caspary Toroker\*

459



### 2D bifunctional tungsten disulfide-embedded UiO-66 (WS<sub>2</sub>@UiO-66) as a highly active electrocatalyst for water splitting

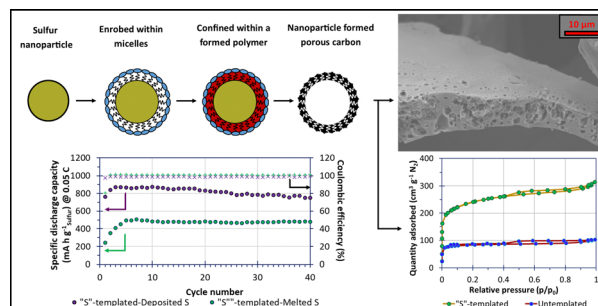
Muhabbat Shah, Uzair Abdullah, Erum Pervaiz\* and Maryum Ali



471

### Carbons derived from resole-type phenolic resins for use in lithium–sulfur batteries: templating the resins with sulfur leads to enhanced cell performance

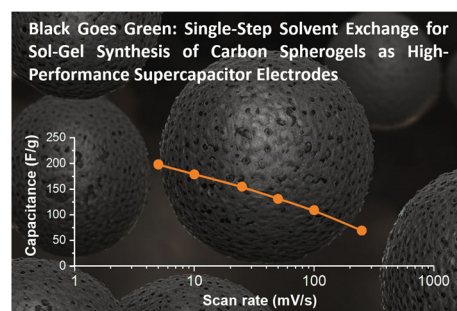
Luke D. J. Barter, Irshad Mohammad, Steven J. Hinder, John F. Watts, Robert C. T. Slade and Carol Crean\*



482

### Black goes green: single-step solvent exchange for sol-gel synthesis of carbon spherogels as high-performance supercapacitor electrodes

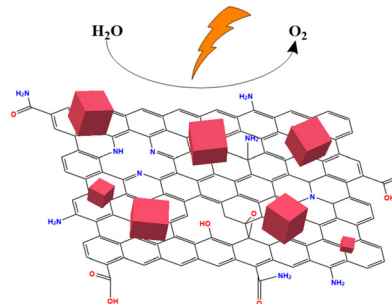
Miralem Salihovic, Emmanuel Pamet , Stefanie Arnold, Irena Sulejmani, Theresa Bartschmid, Nicola H sing, Gerhard Fritz-Popovski, Chaochao Dun, Jeffrey J. Urban, Volker Presser\* and Michael S. Elsaesser\*



495

### Co-Prussian blue analogue supported on graphene-based materials as an electrocatalyst for OER at neutral pH

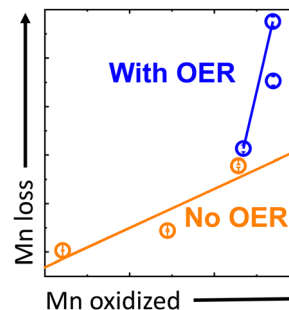
Rafael G. Yoshimura, Thiago V. de B. Ferraz, Priscilla J. Zambiasi and Juliano A. Bonacin\*



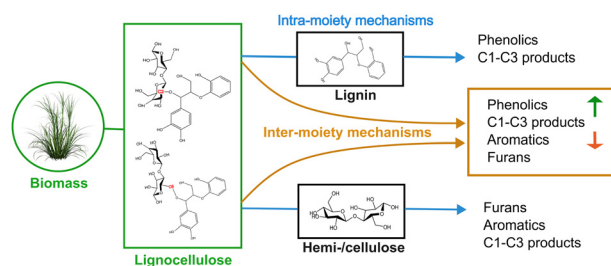
504

### Manganese dissolution in alkaline medium with and without concurrent oxygen evolution in LiMn<sub>2</sub>O<sub>4</sub>

Omeshwari Yadorao Bisen, Max Baumung, Michael Tatzel, Cynthia A. Volkert and Marcel Risch\*



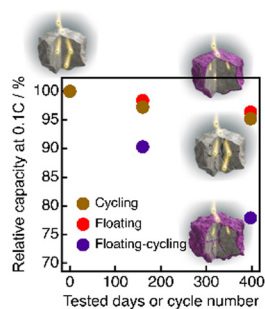
515



### Impact of lignin-carbohydrate complex (LCC) linkages on cellulose pyrolysis chemistry

Arul Mozhi Devan Padmanathan, Seth Beck, Khursheed B. Ansari and Samir H. Mushrif\*

529



### Combination of float charging and occasional discharging to cause serious LIB degradation analyzed by *operando* neutron diffraction

Tetsuya Omiya, Atsunori Ikezawa, Keita Takahashi, Keiichi Saito, Masao Yonemura, Takashi Saito, Takashi Kamiyama and Hajime Arai\*

