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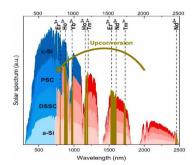
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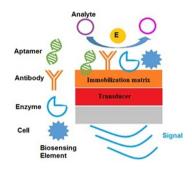
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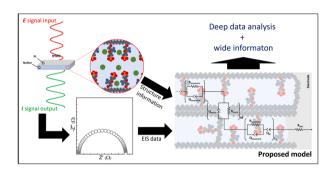
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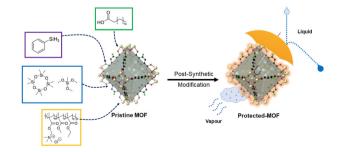


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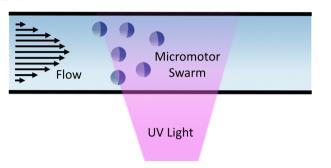
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Kaleb L. Miller, Rijia Lin, Jingwei Hou, Cameron J. Kepert,* Deanna M. D'Alessandro* and Marcello B. Solomon*



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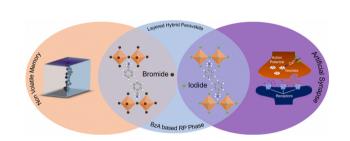
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Upstream mobility and swarming of light activated micromotors

Bingzhi Wu, David P. Rivas and Sambeeta Das*

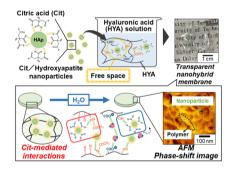
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Resistive switching in benzylammonium-based Ruddlesden-Popper layered hybrid perovskites for non-volatile memory and neuromorphic computing

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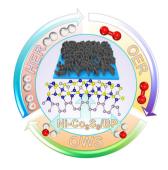
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Preparation of hydroxyapatite nanoparticle-hyaluronic acid hybrid membranes through citric acid molecular mediation

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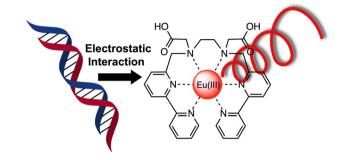
A defective NiCo-pentlandite/black phosphorus heterostructure for efficient water splitting electrocatalysis

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Induced chiroptical properties of helical Eu(III) complex by electrostatic interaction with DNA

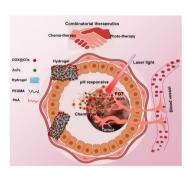
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1903

A photoarchitectonic hydrogel for synergistic in vitro chemo-phototherapy of breast cancer

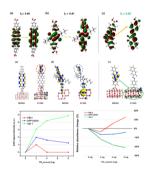
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1917

Enhancing the reliability of dyes for color filters through TiO₂ adsorption: comprehensive identification of factors affecting photocatalysis

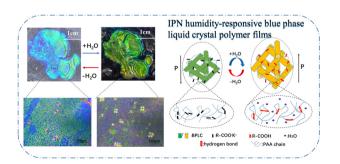
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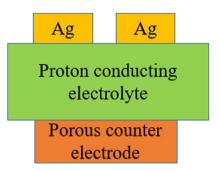
1930

A blue phase liquid crystal film based on an interpenetrating network and its sensitive humidity response performance

Wentuo Hu, Wanli He, * Kainan Wang, Changli Zhang, Zhou Yang, Yuzhan Li, Hui Cao and Dong Wang



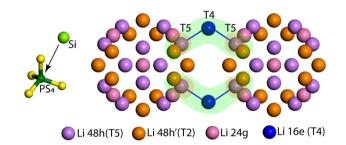
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Fabrication and preliminary testing of patterned silver cathodes for proton conducting IT-SOFCs

Md Shariful Islam Sozal, Wenhao Li, Suprabha Das, Borzooye Jafarizadeh, Azmal Huda Chowdhury, Chunlei Wang and Zhe Cheng*

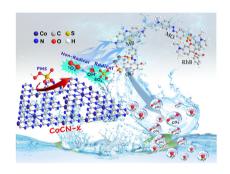
1952



Understanding the role of aliovalent cation substitution on the li-ion diffusion mechanism in $Li_{6+x}P_{1-x}Si_xS_5Br$ argyrodites

Tammo K. Schwietert, Ajay Gautam, Anastasia K. Lavrinenko, David Drost, Theodosios Famprikis, Marnix Wagemaker* and Alexandros Vasileiadis*

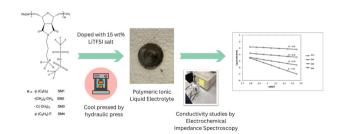
1960



Novel chemically reduced cobalt-doped q-C₃N₄ (CoCN-x) as a highly heterogeneous catalyst for the super-degradation of organic dyes via peroxymonosulfate activation

Aboubakr Ben Hamou,* Mohamed Enneiymy,* Salaheddine Farsad, Asma Amilef, Ayoub Chaoui, Nisrine Nouj, Ali Majdoub, Amane Jada,* Mohamed Ez-zahery and Noureddine El Alem*

1977



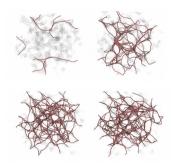
Synthesis of oxanorbornene-based phosphonium polymeric ionic liquids (PILs) and investigation of their electrical properties

M. S. M. Misenan, N. Ceren Süer, N. Yılmaz Canli, A. S. A. Khiar* and T. Eren*

1991

Crosslinker energy landscape effects on dynamic mechanical properties of ideal polymer hydrogels

Eesha Khare, Amadeus C. S. de Alcântara, Nic Lee, Munir S. Skaf and Markus J. Buehler*



1998

PVA/guanidinium oleate transdermal patch as a pH-responsive drug delivery system for the localized and targeted delivery of anticancer drugs

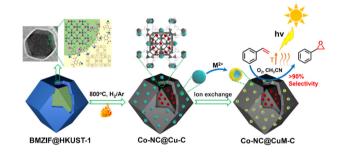
Monika Jain, Raviraj Pansuriya, Rahul Thakur, Adesh K. Saini, Sugam Kumar, Vinod K. Aswal, Suresh Kumar Kailasa and Naved I. Malek*



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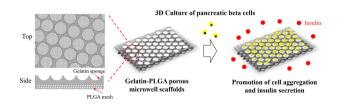
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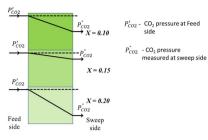
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Porous microwell scaffolds for 3D culture of pancreatic beta cells to promote cell aggregation and insulin secretion

Huajian Chen, Tianjiao Zeng, Toru Yoshitomi, Naoki Kawazoe, Hirotake Komatsu, Yingnan Yang and Guoping Chen*



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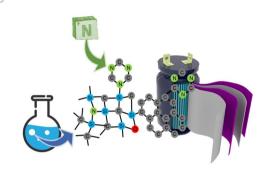


 ${
m CO_2}$ permeation through ${
m Ce_{1,\chi}Gd_{\chi}O_{2.5}}$ -LiNa ${
m CO_3}$ (80:20 v%) composite membranes of different oxide ion conducting domains

Optimization of safe doping level for enhanced CO₂ flux in composite membrane

Atul P. Jamale* and Gonçalo Henriques

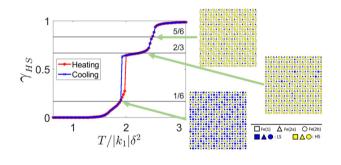
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Innovative strategies for nitrogen-incorporating silicon oxycarbide-based preceramic polymer synthesis

B. Pérez-Román,* A. Merchán del Real, J. Rubio. M. A. Mazo and F. Rubio-Marcos

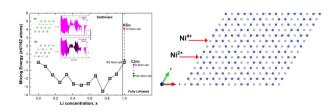
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Multistep transitions in spin crossover materials without long-range spin state order from dimensional reduction

Gian Ruzzi, Jace Cruddas and Benjamin J. Powell*

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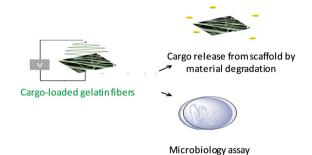


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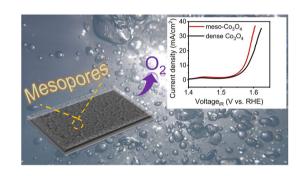
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Laura Larue, Laurent Michely, Xenia Moreno, Rémy Pires, André Pawlak, Daniel Grande and Sabrina Belbekhouche*



Soft-templated, mesoporous Co₃O₄ thin films for electrocatalysis of the oxygen evolution reaction

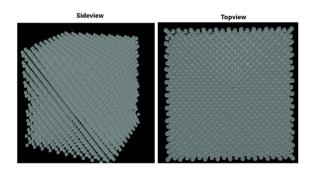
Qingyang Wu, Maximilian Mellin, Stefan Lauterbach, Chuanmu Tian, Christian Dietz, Jan P. Hofmann and Marcus Einert*



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Atomistic insights into predictive in silico chemical vapor deposition

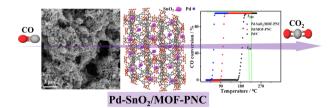
P. K. Saxena, * P. Srivastava, Anshika Srivastava and Anshu Saxena



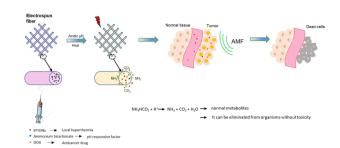
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Metal-organic framework-derived hierarchical porous N/Co-doped carbon-supported sponge-like Pd-SnO₂ nanostructures for low-temperature CO oxidation

Adewale K. Ipadeola, Ahmed Gamal, Belal Salah, Yassmin Ibrahim, Aboubakr M. Abdullah,* Aderemi B. Haruna, Kenneth I. Ozoemena* and Kamel Eid*



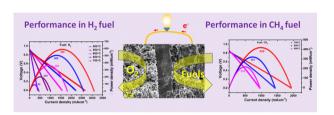
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pH-sensitive composite nanofibers of poly(ε-caprolactone) loaded with iron oxide nanoparticles/ammonium bicarbonate as a nanocarrier toward efficient doxorubicin release for postsurgical cancer treatment

Quang Nhat Quynh Vo, Abdelrahman I. Rezk, Sungkun Chun,* Chan Hee Park* and Cheol Sang Kim*

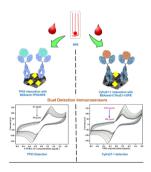
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Dual-phase Yb-doped La₂Ce₂O₇ materials for fuel flexible SOFCs

Bishnu Choudhary* and Shahid Anwar*

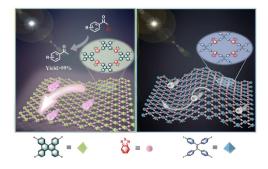
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Disposable paper-based screen-printed electrochemical immunoplatform for dual detection of esophageal cancer biomarkers in patients' serum samples

Damini Verma, Neha Dubey, Amit K. Yadav, Anoop Saraya, Rinu Sharma* and Pratima R. Solanki*

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Efficient photocatalytic chloride dehalogenation by planar conjugated microporous polymers with enhanced charge separation and transport

Hao Zhang, Sizhe Li, Zhuangfei Qian, Jie Yin, Wenxin Wei,* Yan Zhao* and Kai A I Zhang

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pH-sensitive peptide hydrogel encapsulating the anti-angiogenesis drug conbercept and chemotherapeutic drug dox as a combination therapy for retinoblastoma

Wen Fan, Mingkang Chen, Faisal Raza, Hajra Zafar, Faryal Jahan, Yuejian Chen, Lexin Ge, Minyan Yang* and Yiqun Wu*

