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See Toyo Kazu Yamada et al., pp. 718–730.
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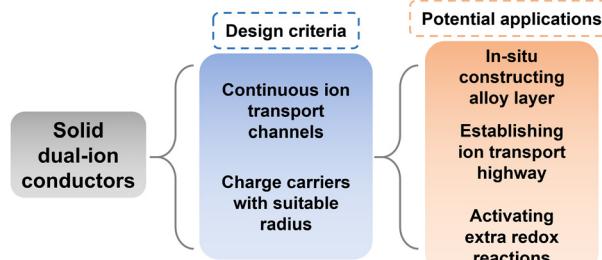
See Horacio Cabral et al., pp. 731–741.
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Dual-ion conductors: from liquid to solid

Tao Yu, Wenjie Ning, Haoyu Li, Shaohua Guo* and Haoshen Zhou*

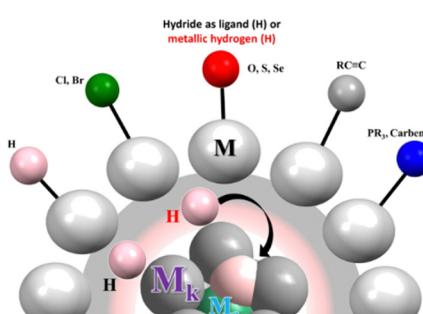


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Tzu-Hao Chiu, Jian-Hong Liao, Rhone P. Brocha Silalahi, Michael N. Pillay and C. W. Liu*



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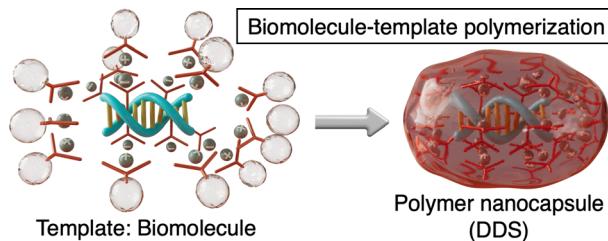


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Sub-100 nm carriers by template polymerization for drug delivery applications

P. K. Hashim* and Shima Said Mohamed Ali Abdrabou

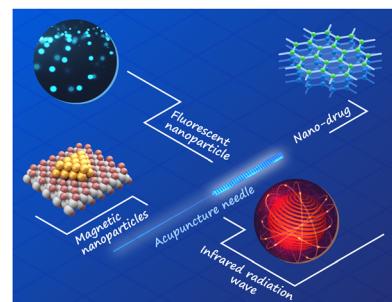


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Use of nano-enabled approaches to advance acupuncture therapy for disease management

Wenjie Xu, Yu Xiao, Peng Wang,* Huan Meng* and Qingquan Liu*



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Designing 2D stripe winding network through crown-ether intermediate Ullmann coupling on Cu(111) surface

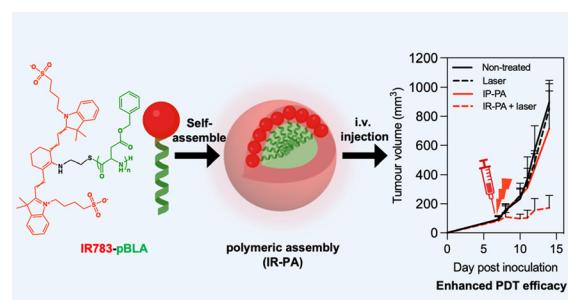
Toyo Kazu Yamada,* Ryohei Nemoto, Haruki Ishii, Fumi Nishino, Yu-Hsin Chang, Chi-Hsien Wang, Peter Krüger and Masaki Horie



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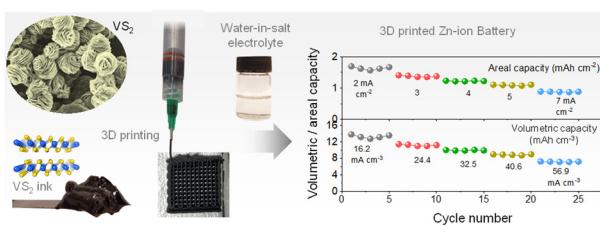
Nanoassemblies of heptamethine cyanine dye-initiated poly(amino acid) enhance ROS generation for effective antitumour phototherapy

Pengwen Chen, Shangwei Li, Zhining Xu and Horacio Cabral*



COMMUNICATIONS

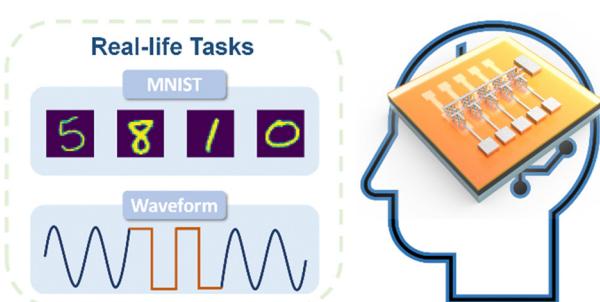
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3D printing of layered vanadium disulfide for water-in-salt electrolyte zinc-ion batteries

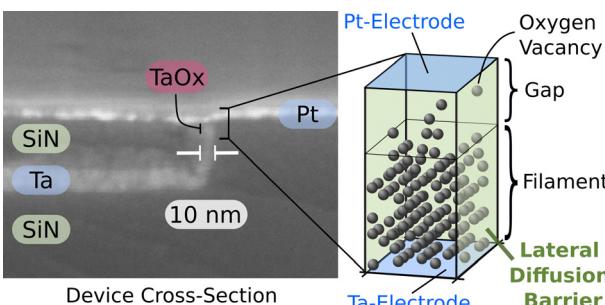
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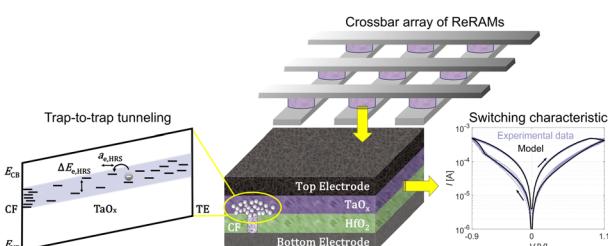
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Reliability effects of lateral filament confinement by nano-scaling the oxide in memristive devices

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Donato Francesco Falcone,* Stephan Menzel, Tommaso Stecconi, Matteo Galetta, Antonio La Porta, Bert Jan Offrein and Valeria Bragaglia

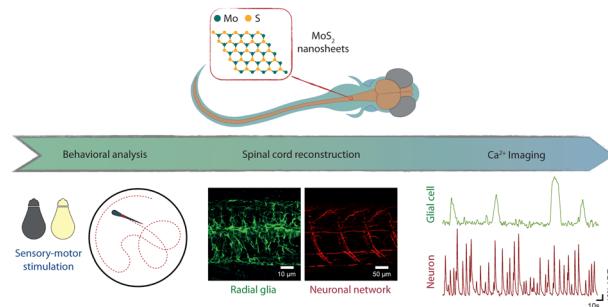


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MoS₂ 2D materials induce spinal cord neuroinflammation and neurotoxicity affecting locomotor performance in zebrafish

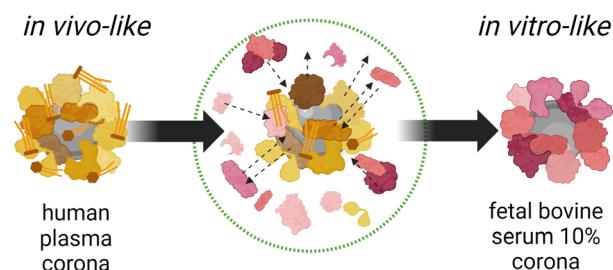
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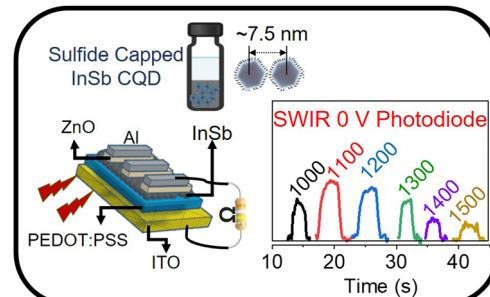
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Rational ligand design for enhanced carrier mobility in self-powered SWIR photodiodes based on colloidal InSb quantum dots

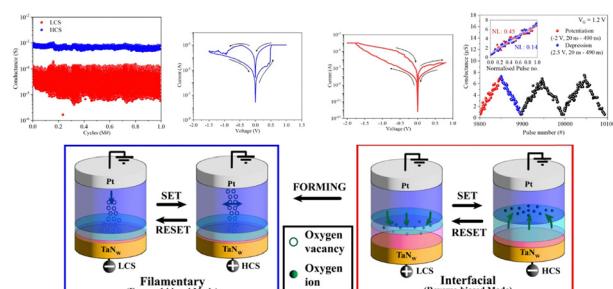
Subhashri Chatterjee, Kazuhiro Nemoto, Hong-Tao Sun and Naoto Shirahata*



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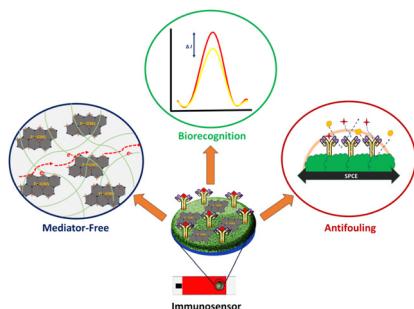
Unraveling the origins of the coexisting localized-interfacial mechanism in oxide-based memristors in CMOS-integrated synaptic device implementations

Eng Kang Koh, Putu Andhita Dananjaya, Han Yin Poh, Lingli Liu, Calvin Xiu Xian Lee, Jia Rui Thong, Young Seon You and Wen Siang Lew*



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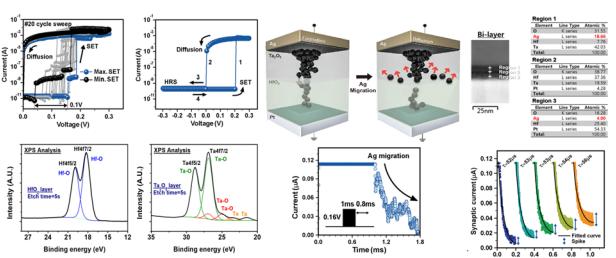
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Universal nanocomposite coating with antifouling and redox capabilities for electrochemical affinity biosensing in complex biological fluids

Aditya Manu Bharti, R. K. Rakesh Kumar, Cheng-Hsin Chuang* and Muhammad Omar Shaikh*

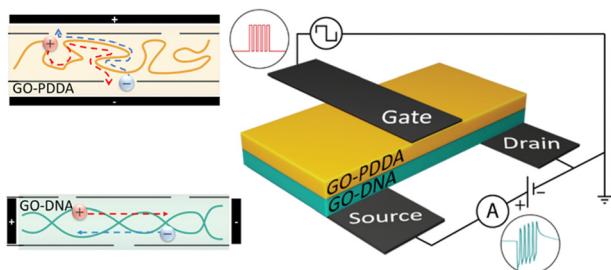
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Volatile threshold switching and synaptic properties controlled by Ag diffusion using Schottky defects

Yu-Rim Jeon, Deji Akinwande and Changhwan Choi*

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Graphene oxide–DNA/graphene oxide–PDDA sandwiched membranes with neuromorphic function

Jia Hui Bong, Sergey Grebenchuk, Konstantin G. Nikolaev, Celestine P. T Chee, Kou Yang, Siyu Chen, Denis Baranov, Colin R. Woods, Daria V. Andreeva* and Kostya S. Novoselov*

