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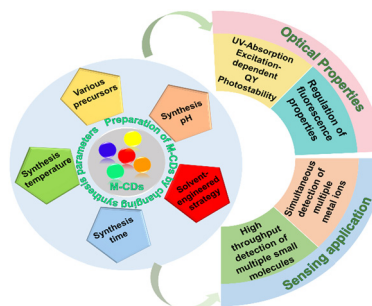


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Synthetic strategies, properties and sensing application of multicolor carbon dots: recent advances and future challenges

Fangfang Du,* Liu-Pan Yang* and Li-Li Wang*

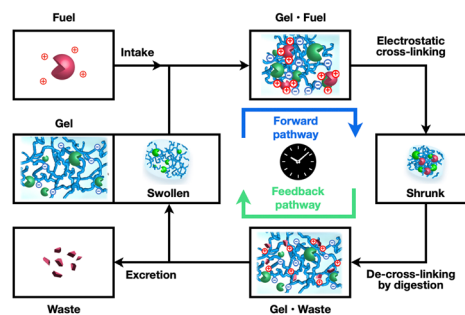


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Engineering metabolic cycle-inspired hydrogels with enzyme-fueled programmable transient volume changes

Young Kyoung Hong, Masahiko Nakamoto* and Michiya Matsusaki*

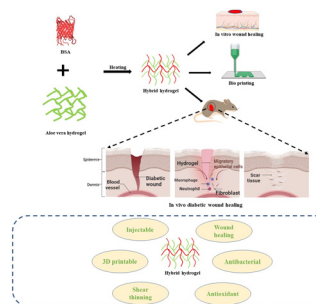


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3D printable, injectable amyloid-based composite hydrogel of bovine serum albumin and aloe vera for rapid diabetic wound healing

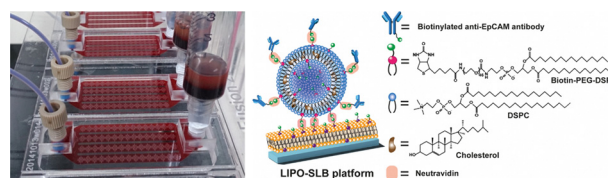
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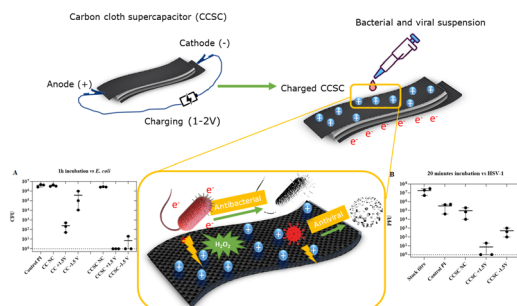
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Liposome-tethered supported lipid bilayer platform for capture and release of heterogeneous populations of circulating tumor cells

Po-Ying Yeh, Jia-Yang Chen, Mo-Yuan Shen, Ting-Fang Che, Syer Choon Lim, Jocelyn Wang, Wen-Sy Tsai, Curtis W. Frank, Chun-Jen Huang* and Ying-Chih Chang*



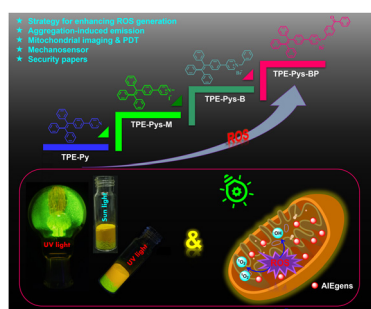
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From energy storage to pathogen eradication: unveiling the antibacterial and antiviral capacities of flexible solid-state carbon cloth supercapacitors

Sara Beikzadeh, Alireza Akbarinejad, John Taylor, Janesha Perera, Jacqueline Ross, Simon Swift, Paul A. Kilmartin and Jadranka Travas-Sejdic*

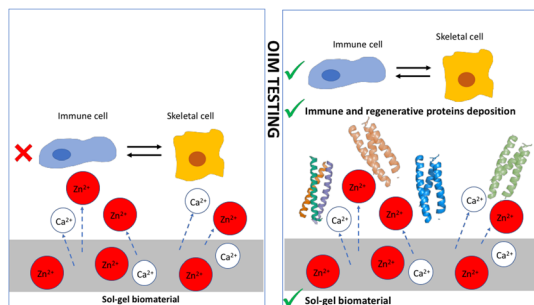
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Molecular engineering to enhance the reactive oxygen species generation of AIEgens and exploration of their versatile applications

Weidong Yin, Jianqing Li, Yucheng Ma, Longjiang Xing, Zeduan Chen, Bo Liu, Yanping Huo, Zujin Zhao* and Shaomin Ji*

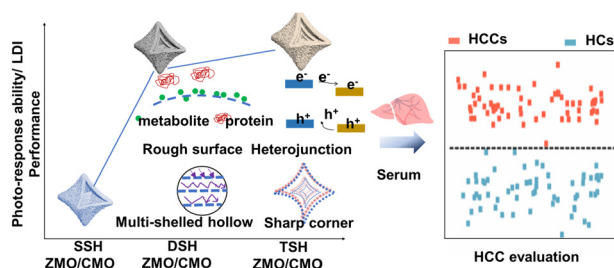
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Iñaki García-Arnáez,* Francisco Romero-Gavilán, Andreia Cerqueira, Mikel Azkargorta, Félix Elortza, Julio Suay, Isabel Goñi and Mariló Gurruchaga*

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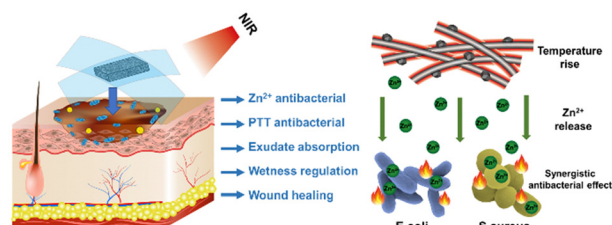


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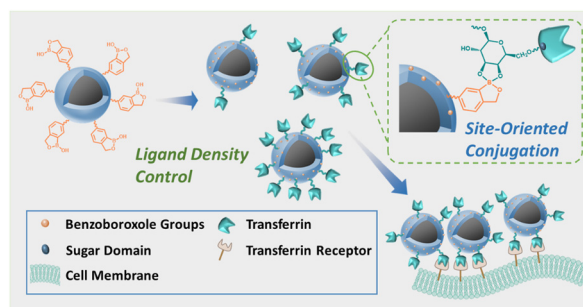
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Design and investigation of targeting agent orientation and density on nanoparticles for enhancing cellular uptake efficiency

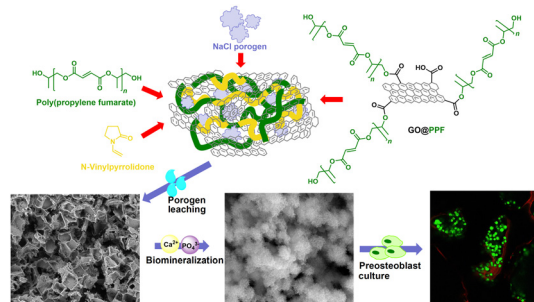
Weiwei Fei, Xiuli Wang, Jia Guo and Changchun Wang*



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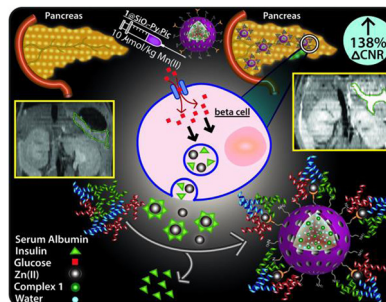
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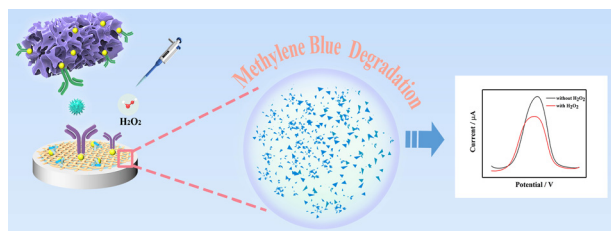
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Mn(II) complex impregnated porous silica nanoparticles as Zn(II)-responsive "Smart" MRI contrast agent for pancreas imaging

Riya Mallik, Muktaashree Saha, Vandna Singh, Hari Mohan, S. Senthil Kumaran and Chandan Mukherjee*



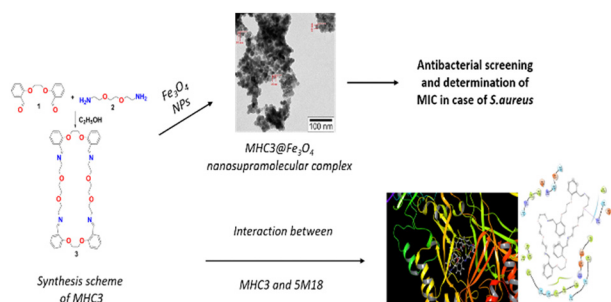
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"Gold-plated" PCN-222(Fe) and superconductive carbon black-based sandwich-type immunosensor for detecting CYFRA21-1

Lin Fu, Zhaode Mu, Jing Zhou, Min Qing* and Lijuan Bai*

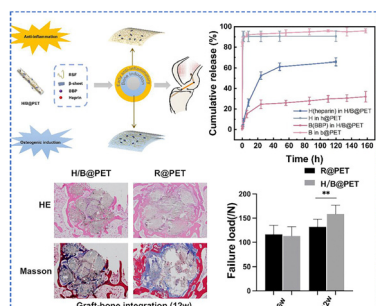
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Alakbar Huseynzada,* Mirjavid Aghayev, Sarvinaz Hajiyeva, Aygun Israyilova, Koray Sayin, Eldar Gasimov, Fuad Rzayev, Ulviyya Hasanova, Goncha Eyvazova, Vagif Abbasov, Zarema Gakhramanova, Sanam Huseynova, Parvana Huseynova, Lala Huseynova and Nigar Salimova

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Ni Chen, Wenhe Jin, Han Gao, Jiachan Hong, Luyi Sun, Jinrong Yao, Xin Chen, Jun Chen,* Shiyi Chen* and Zhengzhong Shao*

