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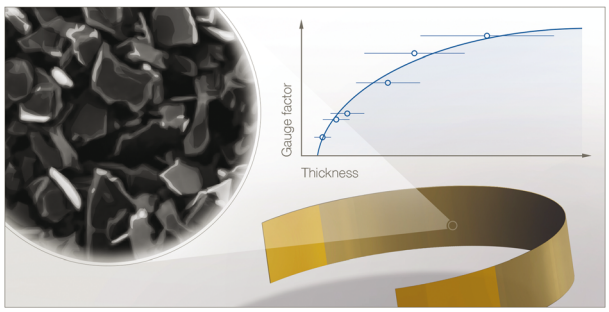

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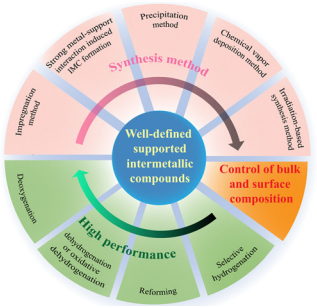

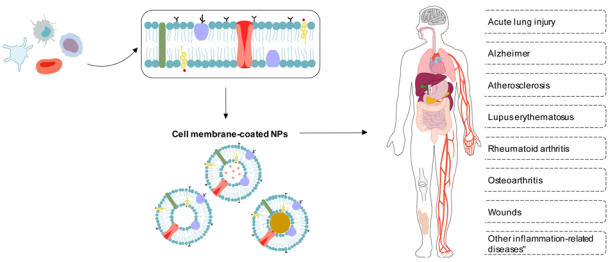

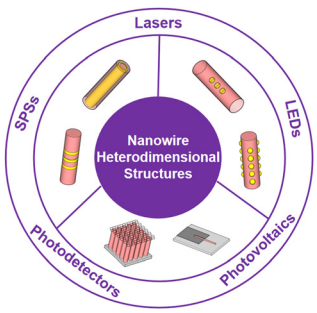

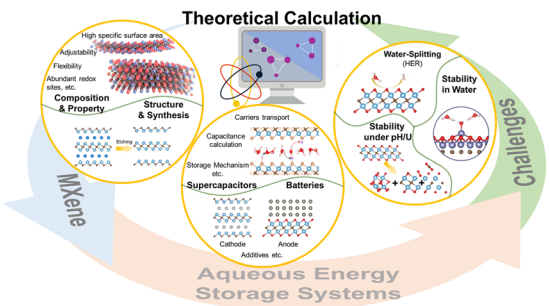

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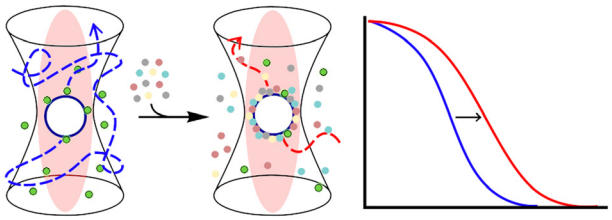

Extracellular vesicles of different cellular origin feature distinct biomolecular corona dynamics

Angelo Musicò, Andrea Zendrini, Santiago Gimenez Reyes, Valentina Mangolini, Lucia Paolini, Miriam Romano, Andrea Papait, Antonietta Rosa Silini, Paolo Di Gianvincenzo, Arabella Neva, Marina Cretich, Ornella Parolini, Camillo Almici, Sergio E. Moya, Annalisa Radeghieri and Paolo Bergese*

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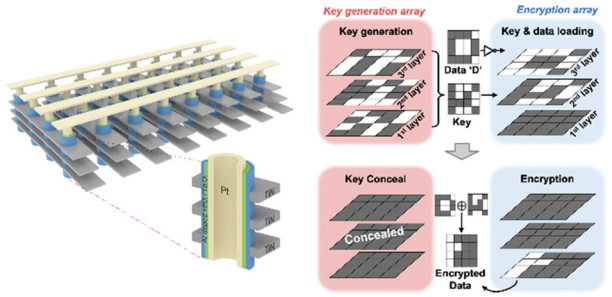

Concealable physical unclonable function generation and an in-memory encryption machine using vertical self-rectifying memristors

Jea Min Cho, Seung Soo Kim, Tae Won Park, Dong Hoon Shin, Yeong Rok Kim, Hyung Jun Park, Dong Yun Kim, Soo Hyung Lee, Taegyun Park* and Cheol Seong Hwang*

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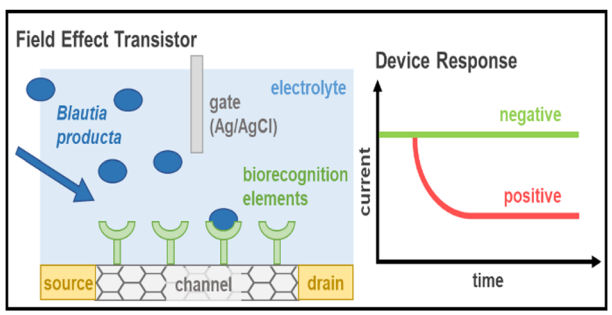

A *Blautia producta* specific gFET-based aptasensor for quantitative monitoring of microbiome quality

Hu Xing, Yiting Zhang, Runliu Li, Hans-Maximilian Ruzicka, Christopher Hain, Jakob Andersson, Anil Bozdogan, Marius Henkel, Uwe Knippschild, Roger Hasler, Christoph Kleber, Wolfgang Knoll, Ann-Kathrin Kissmann* and Frank Rosenau*

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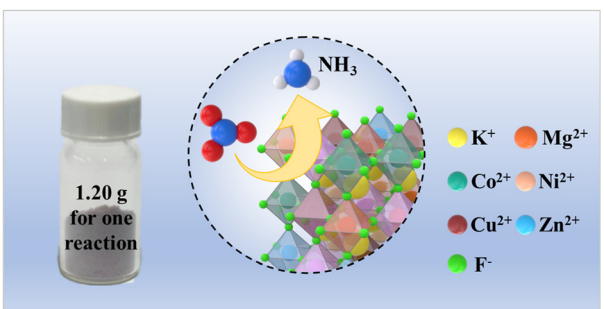

Polymer-confined synthesis of gram-scale high-entropy perovskite fluoride nanocubes for improved electrocatalytic reduction of nitrate to ammonia

Guohao Xue, Tianlu Wang, Hele Guo,* Nan Zhang, Claire J. Carmalt, Johan Hofkens, Feili Lai* and Tianxi Liu*

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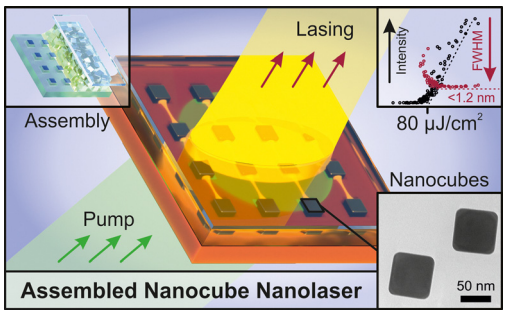

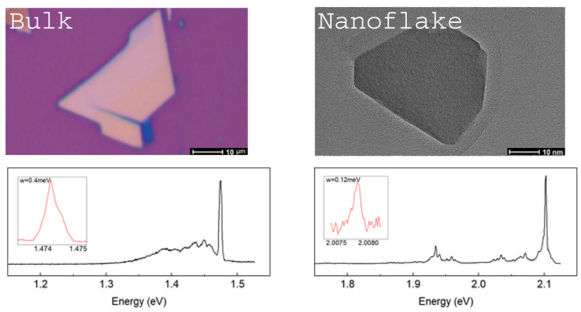

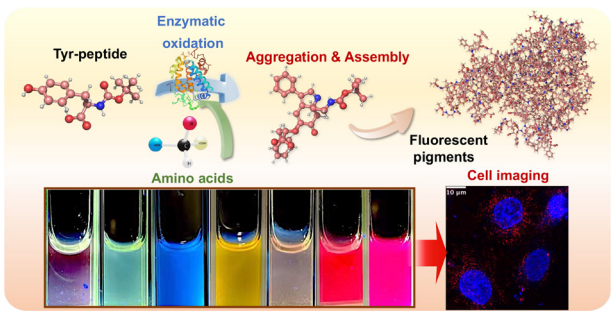

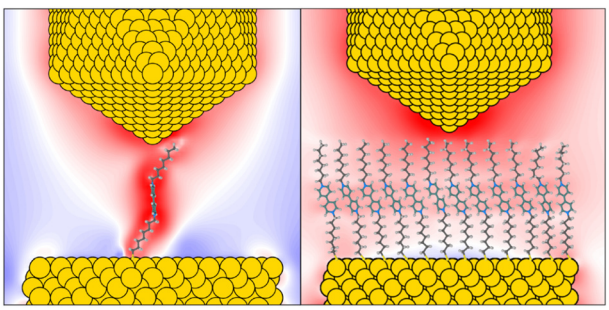

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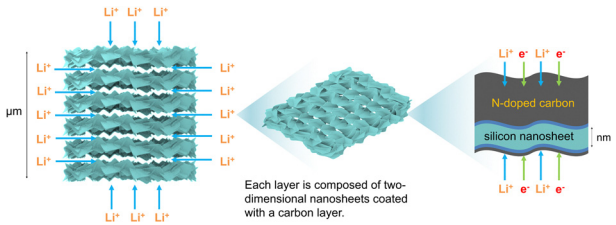

The well-defined three-dimensional matrix of a micro-sized silicon/carbon composite promoting lithium-ion transportation

Denghui Wang, Minghao Ma, Wenqiang Xu, Yingjie Ma,* Lidong Li* and Xianglong Li*

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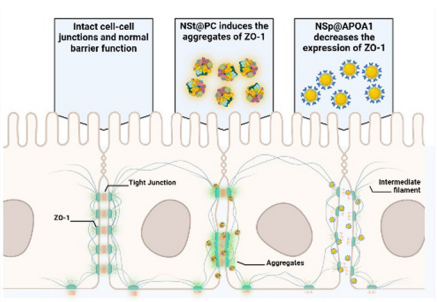

Protein corona potentiates the recovery of nanoparticle-induced disrupted tight junctions in endothelial cells

Muhammad Daniyal Ghouri, Ayesha Tariq, Jabran Saleem, Abdul Muhaymin, Rong Cai* and Chunying Chen*