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See Prasad Ramesh Joshi, Masashi Tsuge, Yuan-Pern Lee *et al.*, pp. 11934–11950.
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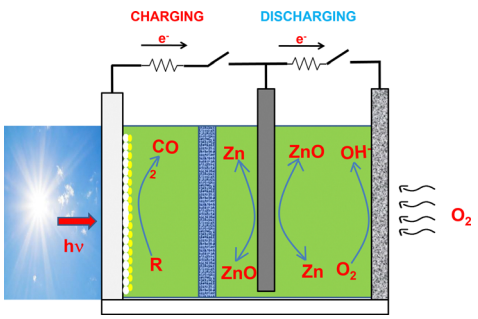
EDITORIAL

REVIEWS



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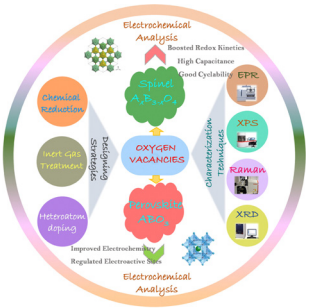
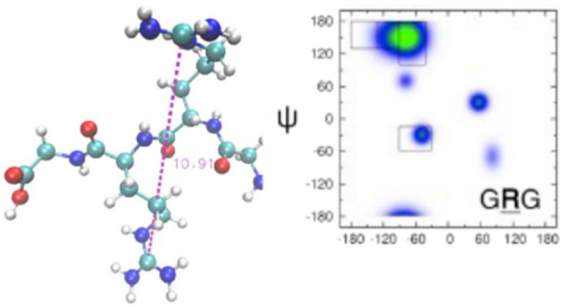


PERSPECTIVE



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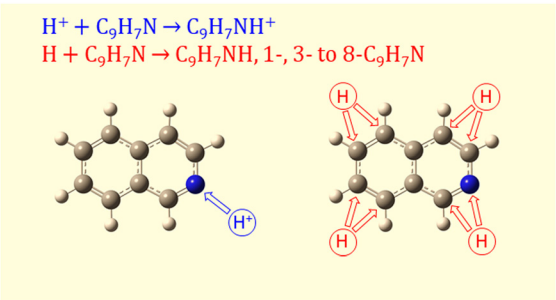

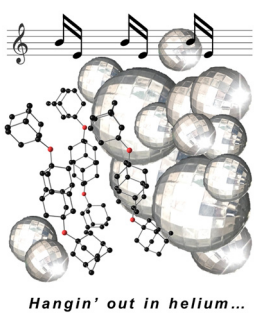

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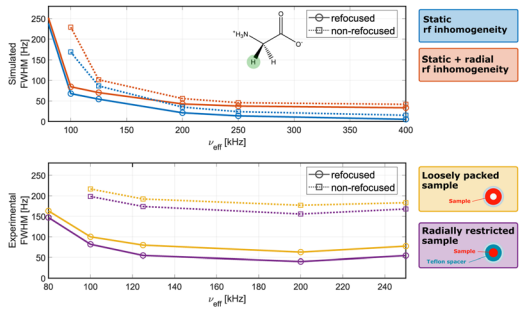

Residual proton line width under refocused frequency-switched Lee-Goldburg decoupling in MAS NMR

Kathrin Aebischer and Matthias Ernst*

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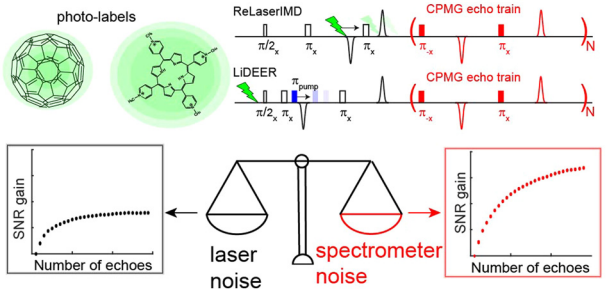
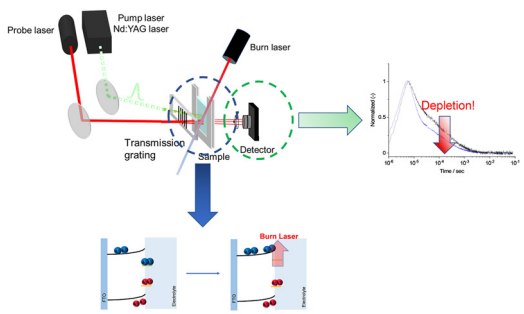


Sensitivity optimization in pulse EPR experiments with photo-labels by multiple-echo-integrated dynamical decoupling

Natalya E. Sannikova, Anatoly R. Melnikov, Sergey L. Veber, Olesya A. Krumkacheva* and Matvey V. Fedin*

11981



Development of charge carrier-selective heterodyne transient grating spectroscopic technique and its application in the distinction of surface trap states in hematite

Young Hyun Kim, Yu Gyeong Bae and Woon Yong Sohn*

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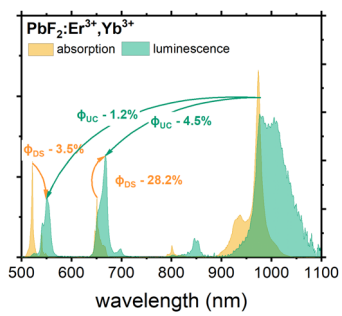

Absolute quantum yield for understanding upconversion and downshift luminescence in $PbF_2:Er^{3+},Yb^{3+}$ crystals

Eduard Madirov, Dmitry Busko, Ian A. Howard, Bryce S. Richards and Andrey Turshatov*

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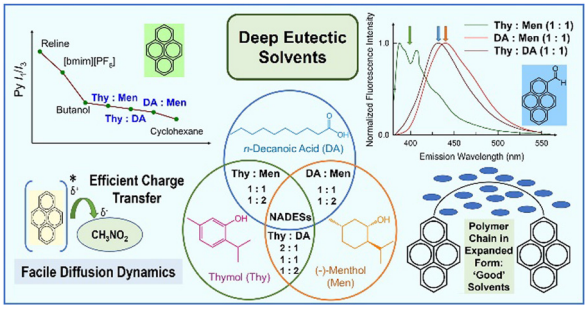

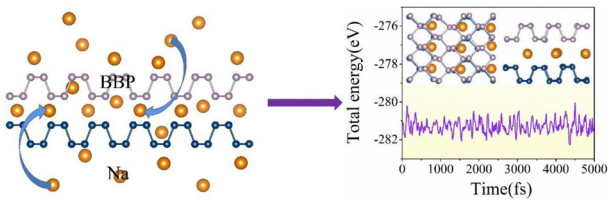

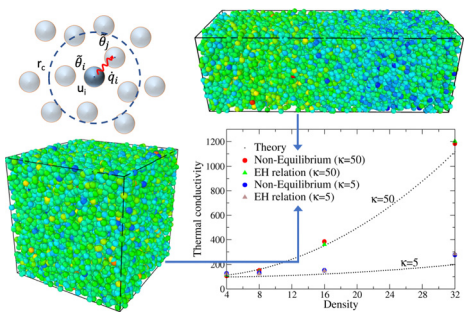

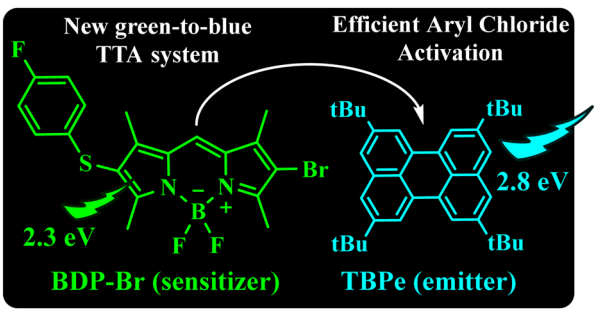

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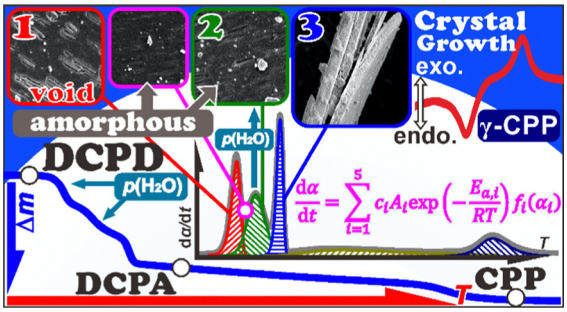

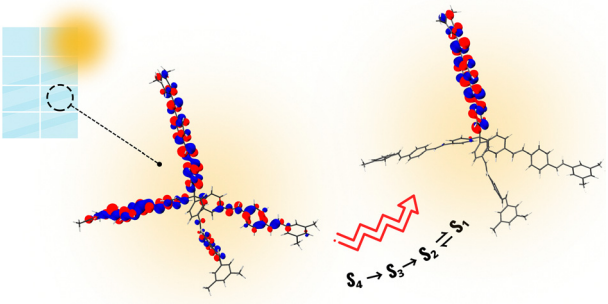

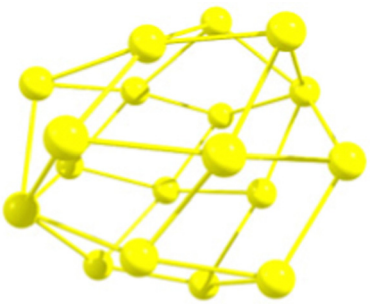

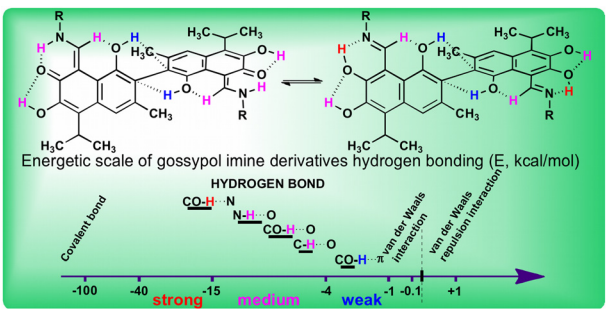

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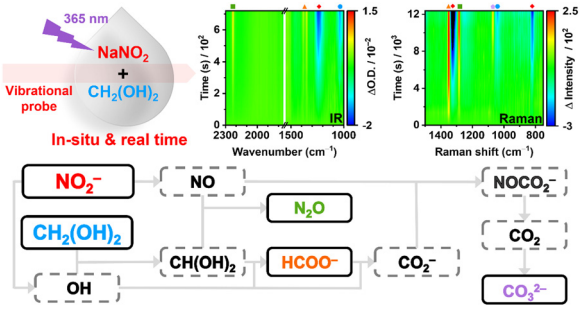

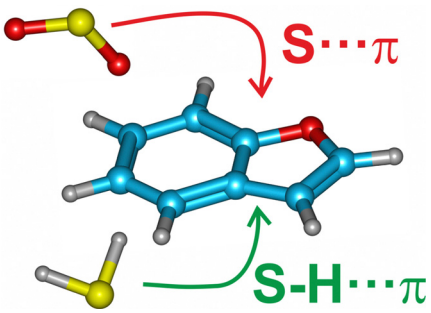

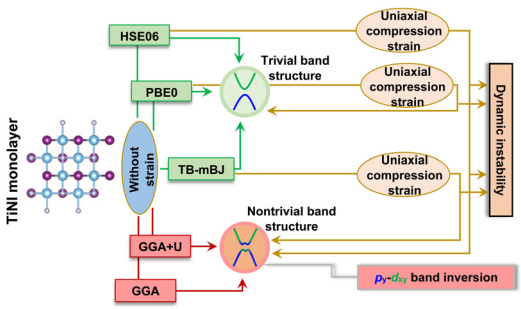

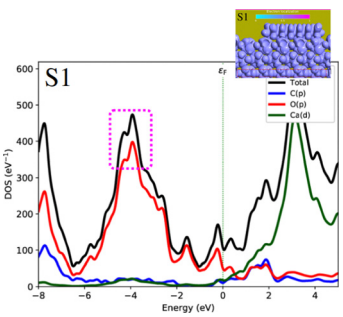

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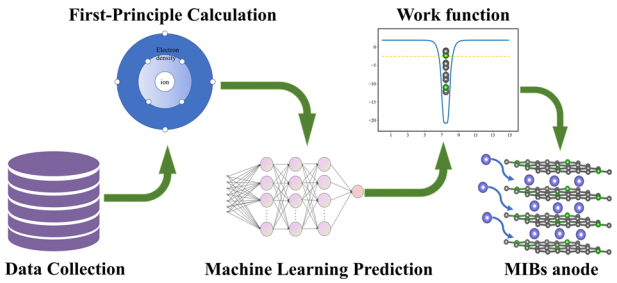

Machine-learning-assisted discovery of boron-doped graphene with high work function as an anode material for Li/Na/K-ion batteries

Yi Luo, Haiyuan Chen,* Jianwei Wang and Xiaobin Niu

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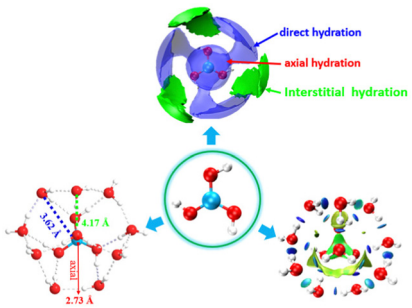

Structural analysis of potassium borate solutions

Fayan Zhu, Daniel T. Bowron, Sabrina Gärtner, Chunhui Fang, Yongquan Zhou, Hongyan Liu and Alex C. Hannon*

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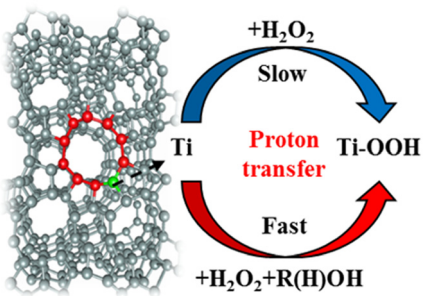

Evidence of solvent-mediated proton transfer during H_2O_2 activation in titanosilicate-catalyzed oxidation systems

Yunkai Yu, Jianhao Wang, Nan Fang, Zhen Chen, Dongxu Liu, Yueming Liu* and Mingyuan He

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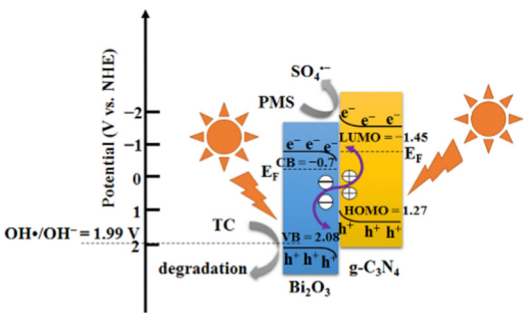

A 1D/2D Bi_2O_3/g-C_3N_4 step-scheme photocatalyst to activate peroxymonosulfate for the removal of tetracycline hydrochloride: insight into the mechanism, reactive sites, degradation pathway and ecotoxicity

Mingyang Long, Di Li,* Qianqian Zhao, Hongmiao Li, Qi Wen, Li Wang, Lei Wu, Fang Song and Jun Zhou

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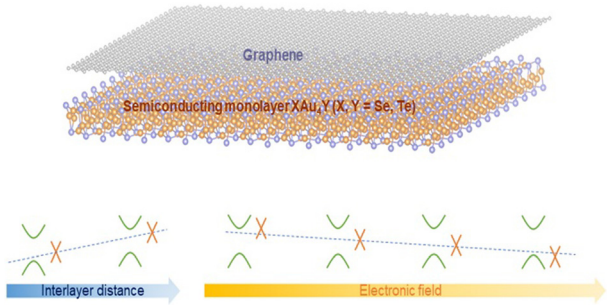

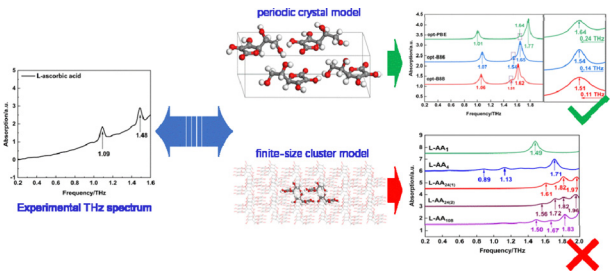

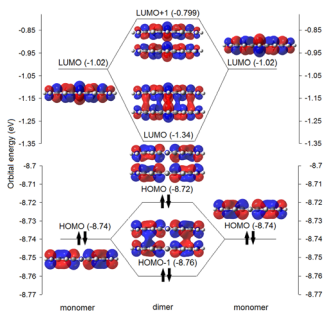

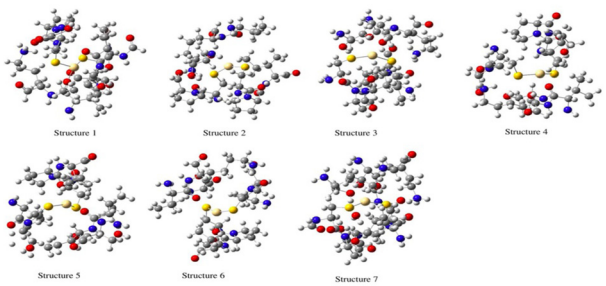

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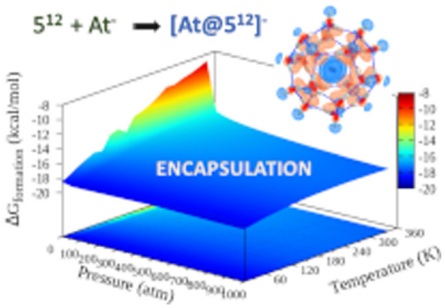

Encapsulation of Astatide by a water cage

Sara Gómez,* Elizabeth Flórez, Nancy Acelas, Cacier Hadad and Albeiro Restrepo*

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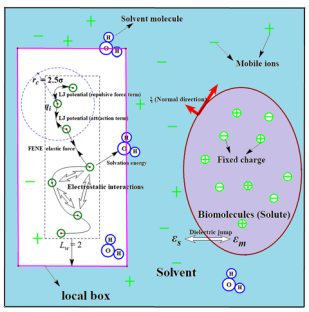

An energy minimization strategy based on an improved nonlinear conjugate gradient method for accelerating the charged polymer dynamics simulation

Hao Lin, Yiwei Shi, Enlong Shang and Shuyang Dai*

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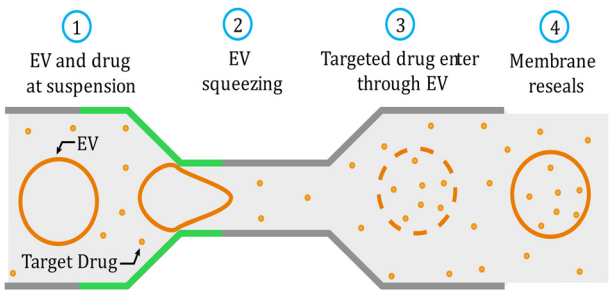

Coarse-grained molecular simulation of extracellular vesicle squeezing for drug loading

Khayrul Islam, Meghdad Razizadeh and Yaling Liu*

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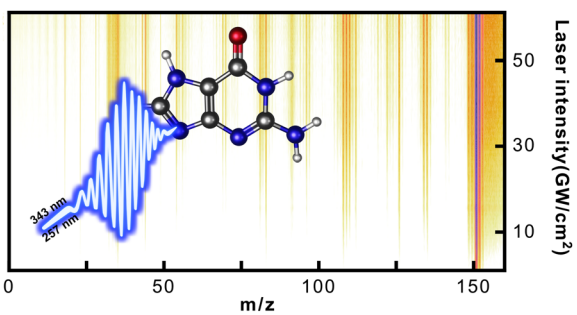

High-throughput UV-photofragmentation studies of thymine and guanine

Siwen Wang, Yerbolat Dauletyarov, Peter Krüger and Daniel A. Horke*

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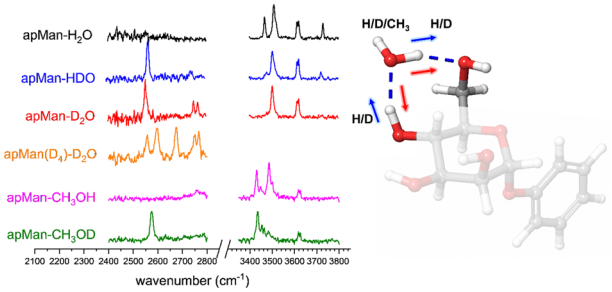

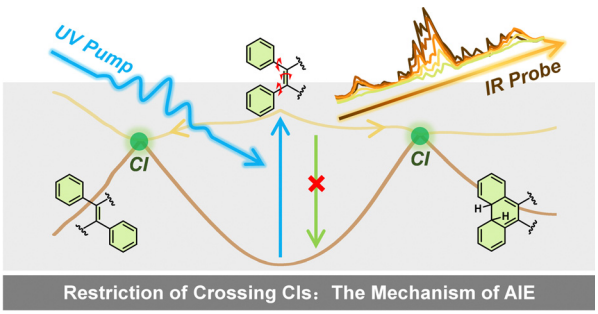

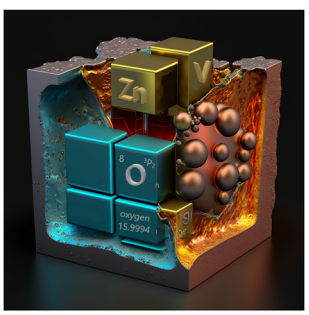

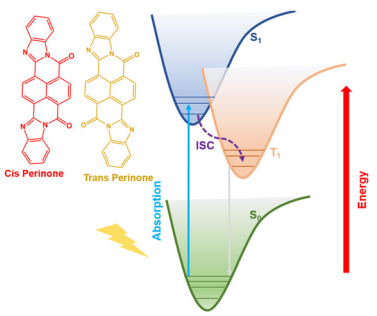

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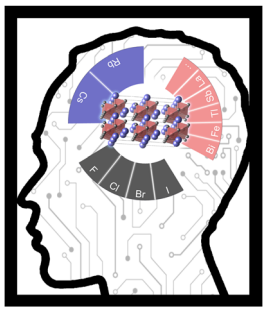

Substitution engineering of lead-free halide perovskites for photocatalytic applications assisted by machine learning

Tao Wang, Shuxin Fan, Hao Jin,* Yunjin Yu and Yadong Wei*

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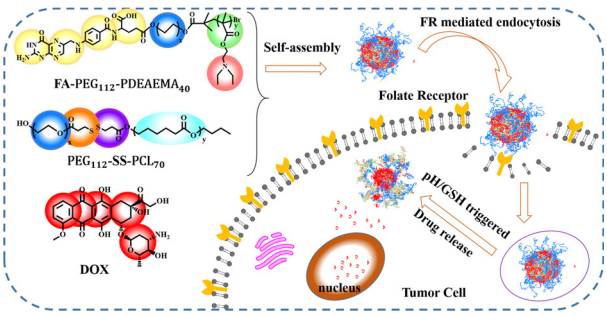

Folate modified dual pH/reduction-responsive mixed micelles assembled using FA-PEG-PDEAEMA and PEG-SS-PCL for doxorubicin delivery

Chufen Yang, Delin Wang, Wenyao Liu, Zexiong Yang, Teng He, Fang Chen and Wenjing Lin*

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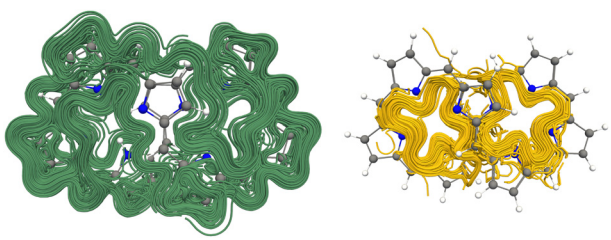

Current-density pathways in figure-eight-shaped octaphyrins

Qian Wang, Jaakko Pyykkö, Maria Dimitrova, Stefan Taubert and Dage Sundholm*

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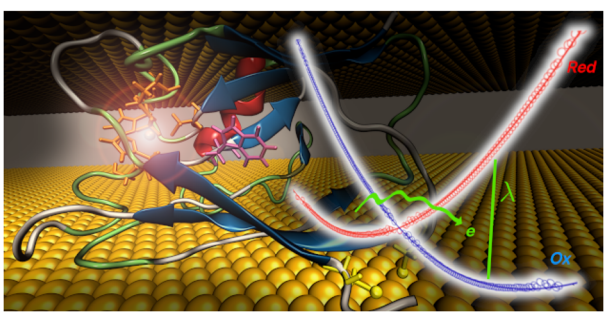

Applicability of perturbed matrix method for charge transfer studies at bio/metallic interfaces: a case of azurin

Outi Vilhelmiina Kontkanen, Denys Biriukov and Zdenek Futera*

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