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2021

502. D. Massana Roquero, O. Smutok, A. Othman, A. Melman, **E. Katz**
“Smart” delivery of monoclonal antibodies from magnetic responsive microgel nanocomposite.
Submitted (ACS Applied Bio Materials)
501. A. Othman, O. Smutok, Y. Kim, S. Minko, A. Melman, **E. Katz**
Magneto-controlled biocatalytic cascade with a fluorescent output.
Submitted (ChemPhysChem))
500. M. Masi, P. Bollella, O. Smutok, **E. Katz**
Photo-stimulated self-powered electrochemical system for DNA release
Submitted (Sensors and Actuators Reports)
499. P. Bollella, A. Melman, **E. Katz**
Operando Local pH Mapping of Electrochemical and Bioelectrochemical Reactions Occurring at an
Electrode Surface: Effect of the Buffer Concentration.
ChemElectroChem **2021**, in press
498. O. Smutok, T. Kavetsky, **E. Katz**
Recent trends in enzyme engineering aiming to improve bioelectrocatalysis proceeding with direct electron
transfer.
Current Opinion in Electrochemistry **2021**, in press.
497. D. Massana Roquero, A. Othman, A. Melman, **E. Katz**
Iron(III)-cross-linked alginate hydrogels: A critical review.
Submitted (Materials Today Communications)
496. O. Smutok, T. Kavetsky, M. Gonchar, **E. Katz**
Microbial L- and D-lactate selective oxidoreductases as a very prospective but still uncommon tool in
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495. Z. Guo, O. Smutok, W.A. Johnston, C.E. Ayva, P. Walden, B. McWhinney, J.P.J. Ungerer, A. Melman, **E. Katz**, K. Alexandrov
Circularly permuted PQQ-glucose dehydrogenase as an ultrasensitive electrochemical biosensor.
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492. P.K. Wells, O. Smutok, A. Melman, **E. Katz**
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Design of chemical dimerization systems and thereon based bio-electronic devices
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490. D. Massana Roquero, P. Bollella, O. Smutok, **E. Katz**, A. Melman
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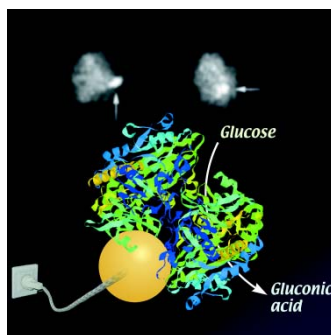
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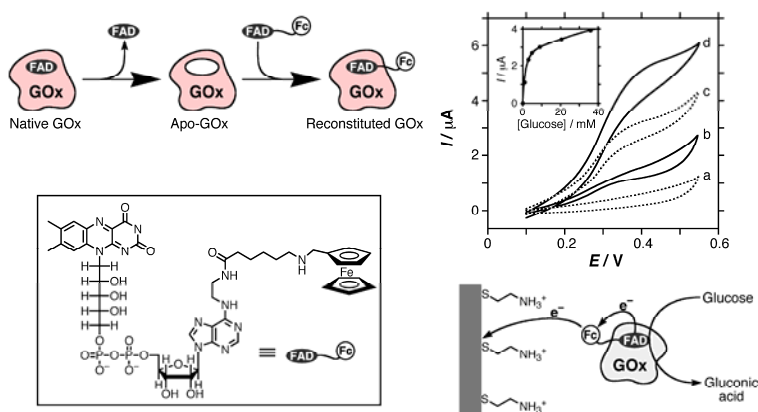
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