

PUBLICATIONS

41. ***Vesicle impact electrochemistry shows the irreversible destructive effect of rhamnolipid biosurfactants on living cells***
A. Langlard, H. Gu, A. G. Ewing, **E. Lebègue***
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A. Langlard*, C. Thobie-Gautier, M. Boujtita, **E. Lebègue***
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39. ***Computer-Assisted Processing of Current Step Signals in Single Blocking Impact Electrochemistry***
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38. ***Understanding the behavior of phenylurazole-tyrosine-click electrochemical reaction using hybrid electroanalytical techniques***
R. C.T. Temgoua, F. T. Donsi, **E. Lebègue**, C. Thobie-Gautier, I. K. Tonlé, M. Boujtita
Journal of Pharmaceutical and Biomedical Analysis, 2024, 245, 116147.
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37. ***Exploring the effect of Shewanella oneidensis outer membrane redox proteins in the electrochemical response of single blocking impact events***
H. Smida, A. Langlard, L. Thomas, C. Thobie-Gautier, M. Boujtita, R. O. Louro, C. M. Paquete, **E. Lebègue***
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35. ***Trends in single-impact electrochemistry for bacteria analysis***
H. Smida, A. Langlard, D. Ameline, C. Thobie-Gautier, M. Boujtita, **E. Lebègue***
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34. ***Single Electrochemical Impacts of Shewanella oneidensis MR-1 Bacteria for Living Cells Adsorption onto a Polarized Ultramicroelectrode Surface***
H. Smida, F.-X. Lefèvre, C. Thobie-Gautier, M. Boujtita, C. M. Paquete, **E. Lebègue***
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33. ***Recent Advances in Single Liposome Electrochemistry***
H. Smida, C. Thobie-Gautier, M. Boujtita, **E. Lebègue***
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32. ***Introducing... Estelle Lebègue (author profile)***
E. Lebègue*
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31. ***Electrografted anthraquinone to monitor pH at the biofilm-anode interface in a wastewater microbial fuel cell***
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30. ***Detection of Bacterial Rhamnolipid Toxin by Redox Liposome Single Impact Electrochemistry***
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29. ***Conjuring up a ghost: structural and functional characterization of FhuF, a ferric siderophore reductase from E. coli***
I. B. Trindade, G. Hernandez, **E. Lebègue**, F. Barrière, T. Cordeiro, M. Piccioli, R. O. Louro
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28. ***Electrochemical Single Nano-Impacts of Electroactive Shewanella Oneidensis Bacteria Onto Carbon Ultramicroelectrode***
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27. ***Assisted lipid deposition by reductive electrochemical aryldiazonium grafting and insertion of the antiport NhaA protein in this stable biomimetic membrane***
T. Flinois, **E. Lebègue**, A. Zebda, J.-P. Alcaraz, D.K. Martin, F. Barrière
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23. ***Current trends for water treatment with microbial electrodes***
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21. ***Corrigendum to “Reductive electrografting of in situ produced diazopyridinium cations: Tailoring the interface between carbon electrodes and electroactive bacterial films” [Bioelectrochem. 120 (2018) 157–165]***
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19. ***Electrochemical Detection of pH-Responsive Grafted Catechol and Immobilized Cytochrome c onto Lipid Deposit-Modified Glassy Carbon Surface***
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18. ***Responsive Polydiacetylene Vesicles for Biosensing Microorganisms***
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17. ***Reductive electrografting of in situ produced diazopyridinium cations: tailoring the interface between carbon electrodes and electroactive bacterial films***
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13. ***Millisecond Coulometry via Zeptoliter Droplet Collisions on an Ultramicroelectrode***
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