

2007 Publications

1. E. Marias , R. Klein, E. Antunes and T. Nyokong
Photocatalysis of nitrophenol using zinc phthalocyanine complexes.
J. Mol. Cat. A: Chem. 261 (2007) 36-42
2. F. Matemadombo, P. Westbroek, T. Nyokong, K. Ozoemena, K. De Clerck and P. Kiekens
Immobilization of tetra-amine substituted metallophthalocyanines at gold surfaces modified with mercaptopropionic acid or DTSP-SAMs.
Electrochim. Acta 52 (2007) 2024-2031.
3. M. Durmus and T. Nyokong
Synthesis, photophysical and photochemical properties of aryloxy tetrasubstituted gallium and indium phthalocyanine derivatives.
Tetrahedron, 63 (6) (2007) 1385-1394.
4. N. Sehlotho, T. Nyokong, S. Griveau and F. Bedioui
Decomposition of S-Nitrosoglutathione in physiological pH in the presence of copper ions and sodium borohydride electrocatalysed by adsorbed monolayer of cobalt phthalocyanine complex.
Electroanalysis, 19 (2007) 103-106
5. B. Agboola, K.I. Ozoemena, P. Westbroek and T. Nyokong
Synthesis and electrochemical characterisation of benzyl mercapto and dodecyl mercapto tetra substituted manganese phthalocyanine complexes.
Electrochim. Acta 52 (2007) 2520-2526
6. J. Obirai and T. Nyokong
Thiol oxidation at 2-mercaptopyrimidine appended cobalt phthalocyanine modified glassy carbon electrode
J. Electroanal. Chem. 600 (2007) 251-256
7. M. Durmu?, V. Ahsen and T. Nyokong
Photophysical and Photochemical Studies of Long Chain Substituted Zinc Phthalocyanines.
J. Photochem. PhotoBiol. A: Chem. 186 (2007) 323-329.
8. B. Agboola, K.I. Ozoemena, P. Westbroek and T. Nyokong
Voltammetric characterization of self-assembled monolayers (SAMs) of benzyl mercapto and dodecyl mercapto tetra substituted iron, cobalt, nickel and manganese phthalocyanine complexes.
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9. M. Durmu? and T. Nyokong
The synthesis and fluorescence behaviour of new water-soluble cationic gallium (III) phthalocyanines
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10. D. Atilla, N. Saydan, M. Durmu?, A. G. Gürek, T. Khan, A. Rück, H. Walt T. Nyokong and V. Ahsen.
Synthesis and Photodynamic Potential of Tetra- and Octa-Triethyleneoxysulfonyl Substituted Zinc

Phthalocyanines

J. Photochem. PhotoBiol. A: Chem. 186 (2007) 298-307

11. P. Tau and T. Nyokong

Electrochemical characterization of tetra- and octa- substituted oxo(phthalocyaninato) titanium (IV) complexes.

Electrochim. acta 52 (2007) 3641-3650

12. B. Agboola and T. Nyokong

Comparative electrooxidation of nitrite by electropolymerised Co(II), Fe(II) and Mn(III) tetrakis benzylmercapto and dodecylmercapto metallophthalocyanines on gold electrodes.

Anal. Chim. Acta, 587 (2007) 116-123.

13. W. Chidawanyika, A. Ogunsipe and T. Nyokong

Synthesis and Photophysics of New Phthalocyanine Derivatives of Zinc, Cadmium and Mercury. New J. Chemistry, 31 (2007) 377-384.

14. P. Tau and T. Nyokong

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15. D. Atilla, Ma. Durmu?a, Ö. Y?lmaza, A. G. Güreka, V. Ahsen and T. Nyokong

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16. B. Agboola and T. Nyokong

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17. K. I. Ozoemena, D. Nkosi, T. Nyokong, I. Chambrier and M.J. Cook

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18. M. Idowu and T. Nyokong

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19. B. Agboola and T. Nyokong

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20. S. Khene, E. Antunes, A. Ogunsipe and T. Nyokong

Microwave Syntheses and Photophysics of New Tetrasulfonated Tin(II) Macrocycles.

J. Porphyrins Phthalocyanines, 11 (2007) 109-117

21. T. Nyokong

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24. M. Durmus and T. Nyokong

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25. M. Durmu? and T. Nyokong

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26. F. Bedioui, S. Griveau, T. Nyokong, A. J. Appleby, C. A. Caro, M. . Gulppi, G. Ochoa and J.H. Zagal

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for the highest electrocatalytic activity for the oxidation of thiols.

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27. R. Fogel, P. Mashazi, T. Nyokong and J. Limson

Critical assessment of the quartz-crystal microbalance as an analytical biosensor tool for development and

fundamental studies: Metallophthalocyanine-glucose oxidase biocomposite sensors.

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28. M. Durmas and T. Nyokong

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29. P. Tau, T Nyokong

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31. F. Matemadombo and T. Nyokong
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33. I. Gürol, M. Durmu?, V. Ahsen and T. Nyokong
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35. P. N. Mashazi, P. Westbroek, K. I. Ozoemena and T. Nyokong
Surface electrochemistry and electrocatalytic behaviour of tetra carboxy substituted iron, cobalt and manganese phthalocyanine monolayers on gold electrode.
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36. G. Mbambisa, P. Tau, E. Antunes and T. Nyokong
Synthesis and electrochemical properties of purple manganese(III) and red titanium(IV) phthalocyanine complexes octa-substituted at non-peripheral positions with pentylthio groups.
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37. Prudence Tau, Tebello Nyokong
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38. S. Khene, A. N. Cammidge, M. J. Cook, T. Nyokong
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39. D. Atilla, M. Durmu?, Ö. Y?lmaz, A.G. Gürek, V. Ahsen and T. Nyokong
Synthesis, Photophysical and Photochemical Properties of Poly(oxyethylene) Substituted New Phthalocyaninato oxotitanium(IV) Complexes.
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40. A. Ogunsipe, M. Durmus and T. Nyokong
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derivatives.

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