Graphical Abstract

a , a, b

a

b

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Please provide a short abstract (one or two sentences). It should summarize the contents of the article in a concise, pictorial form designed to capture the attention of a wide readership online.

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Communication

a , a, [[1]](#footnote-2)\*, b

a

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| ARTICLE INFO | ABSTRACT |
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Headings and subheadings are not permitted in *communication* submitted to this journal. **All sections only hold essential information, others can be put in Supporting information files. In general, communications should not more than four printed pages.**

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***See following samples:***



**Fig. 1.** SEM images of pure CF (a-b) and CF/TNO (c-d); (e) EDS elemental mapping images Ti, Nb, O and C in the CF/TNO composite electrode.

**Table 1**

Electrochemical and absorption and emission data.a

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Compound | *E*1/2,anodic (V) | *E*1/2,cathodic (V) | *λ*max,abs (nm) (*ε*/105 L·mol-1·cm-1) | *λ*max,emi(nm) | *Φ* b |
| **1** | +1.02 | -- | 288 (0.28), 355 (0.28) | 458 | 98.1% |
| **2**(PF6)2 | +1.05 | ND | 290 (0.61), 466 (0.20) | 606 | 16.7% |
| **2**(PF6)2 (in CH3CN) | +1.07, +1.36 | −1.32, −1.50, −1.75 | ND | ND | ND |
| **3** | +0.80, +1.10 | -- | 285 (0.33), 372 (0.53) | 504 | 4.0% |
| **4**(PF6)4 | +0.89, +1.09 | ND | 289 (1.22), 468 (0.39) | 606 | <1% |
| **4**(PF6)4 (in CH3CN) | +0.94, +1.02, +1.38 | −1.29 | ND | ND | ND |

a Measurements were performed in CH2Cl2 unless otherwise noted. Potential is reported as the *E*1/2 value *vs*. Ag/AgCl. ND = not determined. The excitation wavelength is 350 nm for **1** and **3** and 460 nm for **2**(PF6)2 and **4**(PF6)4, respectively.

b Absolute quantum yield.

Acknowledgments

Acknowledgments should be inserted at the end of the paper, before the references, not as a footnote to the title.

**References**

Please ensure that each reference cited in the text is also present in the reference list and indicate references by number(s) in square brackets in line with the text. Please note that the title is removed. Formatting for the common references is show below:

*Reference to a journal publication*

[1] Z. Wu, Z. Zhen, J.H. Jiang, G.L. Shen, R.Q. Yu, J. Am. Chem. Soc. 131 (2009) 12325-12332.

[2] J. van Geer, J.A.J. Hanraads, R.A. Lupton, et al., J. Sci. Commun. 163 (2010) 51-59.

*Reference to a book:*

[3] W. Strunk Jr., E.B. White, The Elements of Style, 4th. ed., Longman, New York, 2000.

*Reference to a chapter in an edited book:*

[4] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), Introduction to the Electronic Age, E-Publishing Inc., New York, 2009, pp. 281-304.

Citing and listing of Web references: As a minimum, the full URL should be given. Any further information, if known (author names, dates, reference to a source publication, *etc.*), should also be given. Web references should be included in the reference list.

Supplementary Material

Supplementary material that may be helpful in the review process should be prepared and provided as a separate electronic file. That file can then be transformed into PDF format and submitted along with the manuscript and graphic files to the appropriate editorial office.

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