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Authors: Poramane Chiochan, Nutthaphon Phattharasupakun,
Juthaporn Wutthiprom, Montakan Suksomboon, Siriroong
Kaewruang, Phansiri Suktha, Montree Sawangphruk



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1 **Core-double shell sulfur@carbon black nanosphere@oxidized carbon nanosheet**
2 **composites as the cathode materials for Li-S batteries**

3 **Poramane Chiochan^a, Nutthaphon Phattharasupakun^a, Juthaporn Wutthiprom^a,**
4 **Montakan Suksomboon^a, Siriroong Kaewruang^a, Phansiri Suktha^a, and Montree**
5 **Sawangphruk^a ***

6

7 *^aDepartment of Chemical and Biomolecular Engineering, School of Energy Science and*
8 *Engineering, Vidyasirimedhi Institute of Science and Technology, Rayong 21210, Thailand*

9

10 *Corresponding author. Tel: +66(0)33-01-4251 Fax: +66(0)33-01-4445. E-mail address:
11 montree.s@vistec.ac.th (M. Sawangphruk).

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