

Supporting Information

Effective treatment of 2,4,6-Trinitrotoluen from aqueous media using Sono-Photo-Fenton-like process with zero-valent iron nanoparticles (nZVI) catalyst

Hoang Van Nguyen^a, Son Tung Pham^{a,*}, Toan Ngoc Vu^a, Huong Van Nguyen^a,
Duong Duc La^{b,*}

^a*Institute of New Technology, Hanoi, Vietnam.*

^b*Institute of Chemistry and Materials, Hanoi, Vietnam.*

* *Corresponding authors: duc.duong.la@gmail.com,*

sontung231@gmail.com

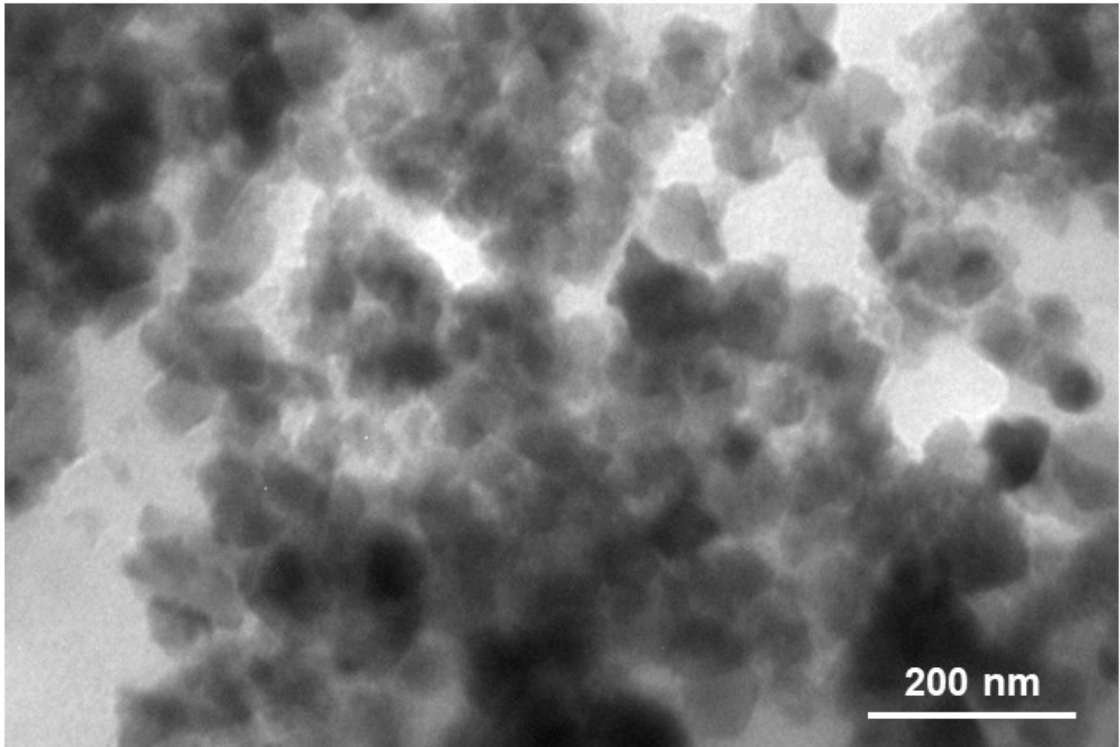


Figure S1. TEM image of nZVI nanoparticle

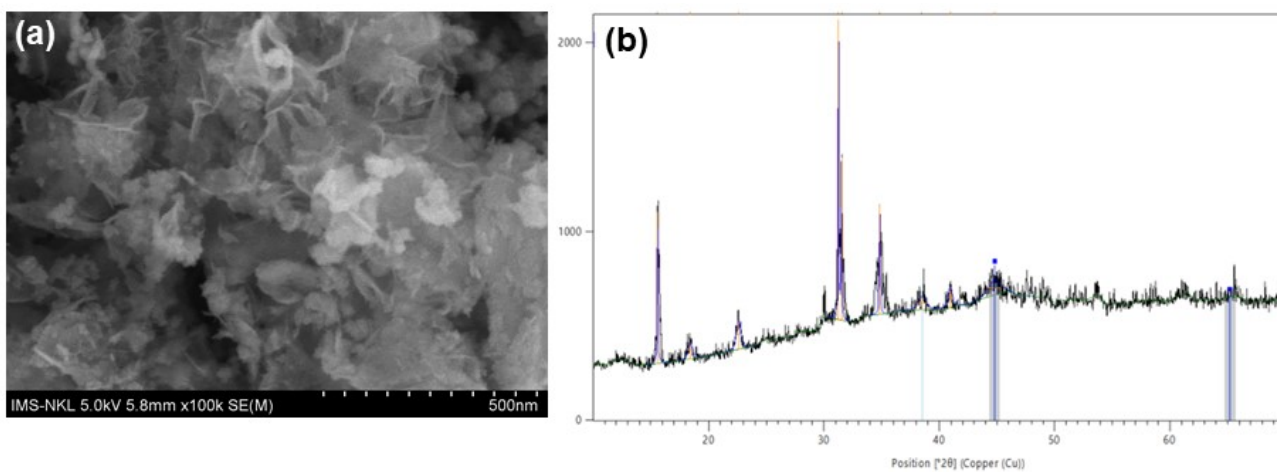


Figure S2. SEM image (a) and XRD pattern (b) of nZVI nanoparticles after treatment.

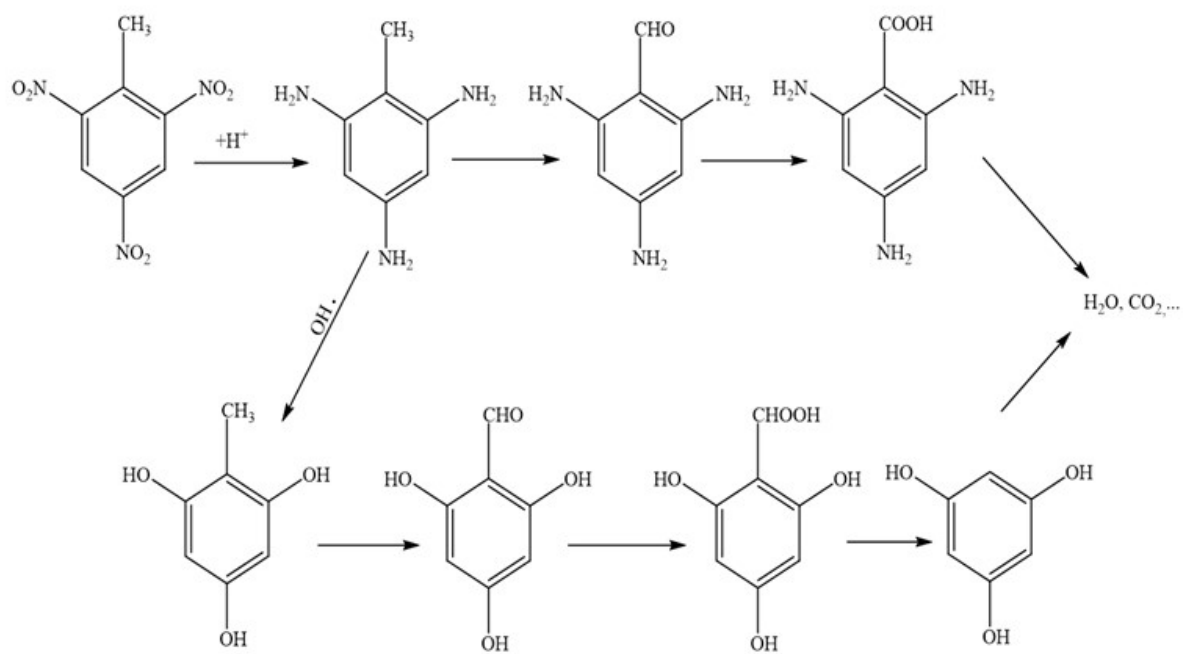


Figure S3. Proposed TNT degradation mechanism by sono-photo-fenton process combined with nZVI