



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	MS: 2012 IRJPAC 2748
Title of the Manuscript:	Grinding-assisted Solid-State Metathetic Synthesis of Divalent Transition Metal Tungstates

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The authors improved significant their manuscript. I recommend to make only two minor corrections: 1) On page 4 the authors write "In their second method, XRD patterns were indicative of amorphous or not so crystalline MnWO₄ formation upto 600°C. In the present method sharp peaks characteristic of MnWO₄ were revealed for annealing at 400°C for 4 hrs." The XRD pattern reported in Ref. 25 corresponds to nanocrystalline MnWO₄ particles with lateral dimension of 20 nm and thickness of 6 nm (not amorphous, see TEM !). That's why the XRD peaks are broad. In the studied here MnWO₄ peaks are sharp, implying large particle size. The sentence should be therefore rewritten as: In their second method, XRD patterns were indicative of nanocrystalline MnWO₄ formation with crystallite size smaller than 20 and 26 nm when the synthesis was performed at 250 and 400°C, respectively. In the present method sharp peaks characteristic for large and well-crystallized MnWO₄ particles were revealed for annealing at 400°C for 4 hrs. 2) Ref. 29: article published in Physical Review B have no page numbers but only article number. Therefore, citation should be Phys. Rev. B 2011; 83: 174439 (not 174439-174453)	

Reviewer Details:

Name:	Mirosław Maczka
Department, University & Country	Institute of Low Temperature and Structure Research, Polish Academy of Sciences, POLAND