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Journal Name:	Physical Science International Journal
Manuscript Number:	**Ms_PSIJ_27184**
Title of the Manuscript:	**Magnetic properties of a quasi-two-dimensional Heisenberg antiferromagnet -RbCrF4**
Type of the Article	**Original Research Article**

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments	This paper reported a preparation of a quasi-two-dimensional Heisenberg antiferromagnet a -RbCrF4 and made a characterization by XRD and SQUID. The experimental results are not believable and explanation is not reasonable. "They believe that the crystal system is orthorhombic and that the lattice constants are $2a \approx 2b \approx 7.348$ and $c = 6.442$" only referred some documents (refs. 16 and 17)and lack the additional experiment. "The superstructure has not yet been determined, only denoted the fundamental peaks using the indices shown in Fig. 2(a) based on the superstructure reported in Ref. 16." This points also lack the strong evidence. So I think they should do experiment to confirm this such as EXAFS or XANFS experiment. "To further purify polycrystalline a -RbCrF4,…." This part ,the author do not explain the difference below 15K. In the abstract and the conclusion, the structure of a -RbCrF4 was not determined, why is "antiferromagnet a -RbCrF4" wrote into your title? Based on the above-mentioned reviews, there are not the enough new thing in this paper	
Minor REVISION comments		
Optional/General comments		

Reviewer Details:

Name:	**Zhang Bin**
Department, University & Country	**Institute of Modern Physics, Fudan University, Shanghai, China**