

## Accepted Manuscript

Ferromagnetism in GaN doped with transition metals and rare-earth elements: A review

M. Shakil , Abrar Husain , M. Zafar , Shabir Ahmad , M.I. Khan ,  
M. Kashif Masood , Abdul Majid

PII: S0577-9073(18)30404-0  
DOI: [10.1016/j.cjph.2018.05.018](https://doi.org/10.1016/j.cjph.2018.05.018)  
Reference: CJPH 540



To appear in: *Chinese Journal of Physics*

Received date: 17 March 2018  
Revised date: 7 May 2018  
Accepted date: 21 May 2018

Please cite this article as: M. Shakil , Abrar Husain , M. Zafar , Shabir Ahmad , M.I. Khan ,  
M. Kashif Masood , Abdul Majid , Ferromagnetism in GaN doped with transition metals and rare-earth  
elements: A review, *Chinese Journal of Physics* (2018), doi: [10.1016/j.cjph.2018.05.018](https://doi.org/10.1016/j.cjph.2018.05.018)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Highlights:**

- Doping of transition metals and rare-earth elements in GaN
- Concentration dependent magnetic moment
- Carrier mediated ferromagnetism
- Room temperature ferromagnetism

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/8144963>

Download Persian Version:

<https://daneshyari.com/article/8144963>

[Daneshyari.com](https://daneshyari.com)