

# Joseph NZABAHIMANA

---

**Nationality:** Rwanda

**Sex:** Male

**Email:** [jeef.nzaba@gmail.com](mailto:jeef.nzaba@gmail.com)

**Phone:** +250 788 554 537

Lecturer  
University of Rwanda  
College of Education  
P.O. Box 55 Rwamagana, Rwanda

## EMPLOYMENT HISTORY

---

**University of Rwanda, College of Education**

Rwamagana, Rwanda

Job title: Lecturer of Physics

Sept. 2019 – To date

Job description: Teaching, updating modules used in the teaching process, conducting research, and supervising PhD & Master theses.

**University of Rwanda, College of Education**

Rwamagana, Rwanda

Job title: Assistant Lecturer of Physics

Feb. 2015 – Aug. 2019

Job description: Teaching, updating modules used in the teaching process, and conducting research.

**University of Rwanda, College of Education**

Rwamagana, Rwanda

Job title: Ag. Head of Department of Mathematics  
& Science Education

Aug. 2015 – Aug. 2016

Job description: Coordinating, planning, organizing & making the follow-up of the departmental activities.

**University of Rwanda, College of Education**

Muhanga, Rwanda

Job title: Tutor of Physics & HoD Maths & Science

Jun. 2008 – Jan. 2015

Job description: Teaching, updating modules used in the teaching process, conducting research, and coordinating & organizing the departmental activities

## EDUCATION

---

**Huazhong University of Science and Technology**

Wuhan, China

PhD in Engineering, Materials Science

Sep. 2016 – Jun. 2019

**University of Rwanda, College of Education**

Kigali, Rwanda

Postgraduate Certificate (Learning and Teaching in Higher Education)

2016

**University of Liège**

Liège, Belgium

MSc, Physics

Sep. 2011 – Jun. 2013

**National University of Rwanda**

Huye, Rwanda

BSc, Physics-Education

Jan. 2004 – Mar. 2008

## HONORS & AWARDS

---

Honorary International Graduate Certificate Wuhan, 2019  
HUST (Huazhong University of Science and Technology) Academic Excellence Award Wuhan, 2018

## PUBLICATIONS

---

1. **Joseph Nzabahimana**, Zhifang Liu, Songtao Guo, Libin Wang, Xianluo Hu\*, Top-Down Synthesis of Silicon/Carbon Composite Anode Materials for Lithium-Ion Batteries: Mechanical Milling and Etching, *ChemSusChem*. 13 (2020), 1-25.
2. Libin Wang, Ting Shu, Songtao Guo, Yue Lu, Mengxia Li, **Joseph Nzabahimana**, Xianluo Hu\*, Fabricating strongly coupled V2O5@PEDOT nanobelts/graphene hybrid films with high areal capacitance and facile transferability for transparent solid-state supercapacitors, *Energy Storage Materials*. 27 (2020), 150-158.
3. **Joseph Nzabahimana**, Songtao Guo, Xianluo Hu\*, Facile synthesis of Si@void@C nanocomposites from low-cost micro-sized Si as anode materials for lithium-ion batteries, *Applied Surface Science*. 479 (2019) 287–295.
4. **Joseph Nzabahimana**, Peng Chang, Xianluo Hu\*, Porous carbon-coated ball-milled silicon as high-performance anodes for lithium-ion batteries, *Journal of Materials Science*. 54 (2019) 4798–4810.
5. Yue Lu, Peng Chang, Libin Wang, **Joseph Nzabahimana**, Xianluo Hu\*, Yolk-shell Si/SiO<sub>x</sub>@void@C composites as anode materials for lithium-ion batteries, *Functional Materials Letters*. 12 (2018) 1850094.

## REFEREES

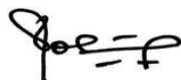
---

Professor Xianluo Hu  
School of Materials Science and Engineering  
Huazhong University of Science and  
Technology  
Wuhan 430074, P. R. China  
Tel.: (86)-27-87558245 (Office)  
E-mail: [huxl@mail.hust.edu.cn](mailto:huxl@mail.hust.edu.cn)

MUHIIRE A. Cassian  
University of Rwanda  
Tel.: +250 788 487 837  
E-mail: [muhiire2008@gmail.com](mailto:muhiire2008@gmail.com)

Dr. MINANI Evariste, Head of Department  
University of Rwanda-College of Education  
Tel.: +250 784 151 703  
E-mail: [eminani@yahoo.fr](mailto:eminani@yahoo.fr)

---



**Joseph NZABAHIMANA**