

حكومة إقليم كردستان - العراق  
مجلس الوزراء  
وزارة التعليم العالي و البحث العلمي  
رئاسة جامعة صلاح الدين - أربيل  
كلية العلوم - لجنة الترقيات



حكومه تی هه ریمی كوردستان / عیراق  
ئه نهجومه نی وه زیران  
وه زارته ی خویندنی بالآ و توپژینه وه ی زانستی  
سه رو کایه تی زانکوی سه لاهه ددین / هه ولیر  
کۆلیژی زانست /  
لیژنه ی بهرزکردنه وه ی پله ی زانستی

Kurdistan Regional Government-Iraq/ Council of Ministers/ Ministry of Higher Education & Scientific Research  
Salahaddin University- Erbil/ College of Science

No: 1

Date: 24/ 10/2023

**Dear Assistant Professor Dr. Muhamad Hamad**

**Greetings**

In view of your expertise, we will be grateful if you could find time to review the manuscripts:

1. As simulation study for dengue virus detection using surface plasmon resonance sensor heterostructure of silver, barium titanate, and cerium oxide.
2. Sensitivity enhancement of the surface plasmon resonance-based gas sensing by few layers of black phosphorous.
3. Graphene- Perovskite based surface plasmon resonance biosensor.

Within a period of 7 days. Please kindly find attached manuscripts and the evaluation form

Kind regards

**Assist. Prof. Dr. Muhamed F.Omer**

**Promotion committee**

Science College  
Salahaddin University/Erbil

