

PERSONAL DETAILS

Name : Jasim Hafedh Mohammed AL- saedi

Place and Date of Birth: Iraq- Baghdad 21-03-1973

Sex : Male

Address :Bucharest sector 6 lului maniu nr 152A et 10
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Marital Status : Married

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EDUCATION

- 2020 Fourth-year Doctoral Student in the Faculty of Biology, the University of Bucharest under the supervision of Professor Dan Florin Mihailescu
- M.A.2003 Master degree in physics science at Al-MustansiryUniversity
- B.A.2000 Bachelor degree in physics science at Al- Mustansiry University
- Senior high school 1991 Baccalaureate degree

OTHER SKILLS

Microsoft office IC3

English language with TOEFL

WORKING EXPERIENCE

- Professor, department of physics science at Al- Mustansiry University, 2005 to 2013
 - Teach, Electromagnetic, Mathematics, Optics Lab, Electronics lab, Atomic lab
 - Physics teacher at Iraqi school in Bucharest , 2016 o present
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scientific publications

- 1- M.yaseen, H.Haseen, **J.H.Mohammed**, and A, Hamde, (2009) "The objective optical properties of saturated symmetrical double polarizes magnetic electron lens" journal of college of education ,vol ,No.1,p611.
- 2- **J.H.Mohammed**, (2010) "Effect of F doping on the optical constants of CUO thin film "journal of Diyala for pure scientific, vol 6 ,No.2.
- 3- **J.H.Mohammed** , (2010) " study of optical properties of (PMMA) doped with (C₁₄ H₁₄ N₂ O₅ S) "journal of Iban AL –hatham for the pure of Applied science ,vol 23 , No.3,p56.

- 4- **J.H.Mohammed,K.Y.Kader andZ.keder ,(2012)**“study of the effect annealing on some optical properties of SNO,thin films”scientificconference 3th collage of science ,DiyalaUniversity.
- 5- **Jasim Hafedh Mohammed Al-Saedi, Maria Mernea, Livia Petrescu, Octavian Calborean, Dan Florin Mihailescu,(2017)** “Bovine serum albumin glycation addressed by spectroscopic techniques “20th Romanian International Conference on Chemistry and Chemical Engineering,Poiana Brasov University.
- 6- **Jasim Hafedh Mohammed Al-Saedi, Haitham Al Keline, Sarmad Al Hadeethi, Sumayah Ibraheem, Maria Mernea, Livia Petrescu, Octavian Calborean,Gheorghe Stoian, Dan Florin Mihailescu,(2017)** “Spectroscopic assessment of in vitro glycation of serum albumins” Romanian Medical Association(A M R)
- 7- **Jasim Hafedh Mohammed Al-Saedi, Maria Mernea, Livia Petrescu, Cristina Matanie, Gheorghe Stoian, Dan Florin Mihailescu,(2018)** “ Monitoring protein glycation by the technique of gel electrophoresis (PAGE) and FTIR spectroscopy” 15th National Conference of Biophysics (RSPAB), University of Bucharest.
- 8- **Jaberi, A.*, Al Saedi, J. A. H.*, Mernea, M., Petrescu, L., Călborean, O., Vasile, I., & Mihăilescu, D. (2019).** Lipopolysaccharides association on the surface of a silicon crystal addressed by THz spectroscopy and molecular modelling. Romanian Journal of Biophysics, 29(1).
- 9- **J.H.M. Al-Saedi, M. Mernea, G.D.C. Anghiescu, C.D. Nitu, G. Stoian, D.F. Mihailescu (2023).** The inhibitory effect of Silybum Marianum (milk thistle) seeds extract on serum albumin glycation by glucose, fructose and galactose. Romanian Journal of Biophysics, 33(2).

- 10-**Mernea, M., Ulăreanu, R.Ş., Cucu, D., Al-Saedi, J.H., Pop, C.E., Fendrihan, S., Anghelescu, G.D.C., Mihăilescu, D.F. (2022).** Epithelial Sodium Channel Inhibition by Amiloride Addressed with THz Spectroscopy and Molecular Modeling. *Molecules*, 27(10), 3271.
- 11-**Rawaa Shakir Shnain Al-Shammari, Ahmed Kareem Hammood Jaber, Ana Lungu, Ioana Brebenel, Waleed Khaled Kaddem Al-Sudani, Jasim Hafedh Mohammed Al-Saedi, Cristian-Emilian Pop, Maria Mernea, Gheorghe Stoian, Dan Florin Mihailescu, (2021).** The antifungal activity of zein nanoparticles loaded with transition metal ions. *Rev. Roum. Chim*, 66(10-11), 829-834