

CURRICULUM VITAE

PERSONAL DATA

Name	Hanan Mubarak Alhussain
Nationality	Saudi
Position	Assistant Professor
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EDUCATION

Year	Academic Degree	Institution
2001	Bachelor degree	Taibah University
2012	Master degree	King Saud University
2021	.Ph.D degree	Shibaura Institute of Technology in Tokyo, Japan.

WORK EXPERIENCE

Period	Position	Address
2001-2007	laboratory technician	Taibah University
2012-2013	High School teacher	The first high school in Hanakia
2013-2021	a lecturer	Imam Mohammad Ibn Saud Islamic University (IMSIU)
2021-Now	Assistant Professor	Imam Mohammad Ibn Saud Islamic University (IMSIU)

RESEARCH INTERESTS

Inorganic chemistry- inorganic material science- Applied inorganic chemistry- industrial chemistry- Coordination chemistry.

PUBLICATIONS

- 1- Fatine Ali Messiad, Nesrine Ammouchi, Youghourta Belhocine, Hanan Alhussain, Monira Galal Ghoniem, Ridha Ben Said, Fatima Adam Mohamed Ali and Seyfeddine Rahali "In Search of Preferential Macrocyclic Hosts for Sulfur Mustard Sensing and Recognition: A Computational Investigation through the New Composite Method r^2 SCAN-3c of the Key Factors Influencing the Host-Guest Interactions", *Jornal of nanomaterials*, 12 (2022) 2517.
- 2- Hanan ALHUSSAIN, Takuto MISE, Kohei KOBAYASHI, Hajime KIYONO, "Simultaneous Synthesis of $TiN-Si_3N_4$ Composite Powders from $TiSi_2$ in NH_3 Atmosphere", *Journal of the Ceramic Society of Japan*, 128 (2020) 677-684.
- 3- Hajime KIYONO, Yasuyuki MATSUO, Takuto MISE, Kohei KOBAYASHI, Hanan ALHUSSAIN, "Synthesis of gallium nitride nano-particles by ammonia nitridation of mixed β -gallium oxide and gallium nitride powders", *t Journal of the Ceramic Society of Japan*, 128 (2020) 665-669.
- 4- Hanan ALHUSSAIN, Takuto MISE, Yasuyuki MATSUO, Hajime KIYONO, Kaoru NISHIKIORI and Takaya AKASHI, "Influence of ammonia gas exposure on microstructure of nanocrystalline titanium nitride powder synthesized from titanium dioxide", *Journal of the Ceramic Society of Japan* 127 (2019) 824-829.
- 5- Ismail Warad, Hanan AlHussen, Hamdah Alanazi, Refaat Mahfouz, Belkheir Hammouti, Mohammad A. Al-Dosari, Rawhi Al-Far, Taibi Ben Hadd, " Trans/cis isomerization of $[RuCl_2(diphosphine)(diamine)]$ complexes: Synthesis, X-ray structure and catalytic activity in hydrogenation", *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 105 (2013) 466–473.
- 6- Hanan AlHussain, Ismail Warad, Hamda Al-Enzi, Khalid Al-Farhan and Mohamed Ghazzali, "Crystal structure of *trans*-dichloro(1,4-bis-(diphenylphosphino)butane) (*N,N'*-1,2-dimethyl-ethanediamine)ruthenium(II), $C_{32}H_{40}Cl_2N_2P_2Ru$ ", *Z. Kristallogr. NCS* 227 (2012) 379-382.
- 7- Ismail Warad, Hanan AlHussain, Rawhi Al-Far, Refaat Mahfouz, Belkheir Hammouti, Taibi Ben Hadda, "Synthesis, spectral, thermal, X-ray single crystal of new $RuCl_2(dppb)diamine$ complexes and their application in hydrogenation of Cinnamic aldehyde", *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 95 (2012) 374–381.