

المهام

ما تشغله حاليا من وظائف (الأكاديمية، إدارية، بحثية) داخل نطاق الجامعة.

- عضو هيئة تدريس

أهم الإنجازات الأكاديمية (من غير البحوث) التي قمت بها خلال مهامك السابقة أو

الحالية داخل نطاق الجامعة.

- عميد كلية العلوم
- وكيل الجامعة للشؤون العلمية.



المسار الأكاديمي

تاريخ للانضمام الجامعة

- 2000/8/01

أهم الإنجازات الأكاديمية (من غير البحوث) التي تم تحقيقها

- عميد كلية العلوم
- وكيل الجامعة للشؤون العلمية.

الجامعات والمؤسسات الأكاديمية التي قمت بالتدريس بها مسبقا

- جامعة سبها.
- أكاديمية الدراسات العليا فرع جامعة السدرة.
- كلية التقنية الطبية. جامعة السدرة.
- كلية العلوم. جامعة مصراته.

المجالات البحثية

التخصصات أو المجالات البحثية التي عملت بها أو في إطار اهتماماته البحثية

- الكيمياء التحليلية، الكيمياء العضوية، طرق الفصل، الكروماتوغرافيا، التحليل باستخدام الحقن المستمر، الاغشية الرقيقة، الخلايا الشمسية، التخليق العضوي



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أعلى تصنيف للنشر العلمي وصلت إليه

- النشر في مجلات محلية ودولية.

الجامعات والمؤسسات الأكاديمية التي قمت بالتدريس بها مسبقا

- جامعة سبها.
- أكاديمية الدراسات العليا فرع جامعة السدرة*.
- كلية التقنية الطبية. جامعة السدرة.
- كلية العلوم. جامعة مصراته.
- المعهد العالي للمعلمين مرزق.

أهم المؤتمرات التي شاركت بها كباحث أو متحدث رئيسي

- مرفق قائمة

مجالات أو تخصصات الرسائل العلمية التي أشرفت عليها

- الكيمياء التحليلية.
- الكيمياء العضوية.

الأنشطة العلمية / المهنية يتضمن كل الأنشطة خارج نطاق الجامعة

الاستشارات الخارجية

- مراجع بالعديد من المجلات المحلية والدولية.

العضوية في الجمعيات العلمية والاجتماعية

- الامن والسلامة المهنية.
- عضو الهيئة الاستشارية بمجلة البيان العلمية بجامعة سرت
- عضو سابق في جمعية الكيمياء التحليلية الماليزية.
- عضو في لجنة رفع كفاءة المعلمين ببلدية مرزق.

التحكيم أو التقييم لمؤتمرات أو مجلات علمية

- تحكيم العديد من الرسائل العلمية (ماجستير. دكتوراه) محليا ودوليا.



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التدريب أو مشاريع بحثية خارج نطاق الجامعة

• لا يوجد

المنشورات / تصنف المنشورات وفقا للنوع

مقالات في مجالات علمية

• النشر في العديد من مجال الكيمياء التحليلية والعضوية والطبية والفيزياء

تقارير

• لا يوجد

تحرير كتب

• كتاب (Crown Ether-Fluorene as Solid Phase Extraction Sorbent: Synthesis, characterization, and)

(application.

فصول في كتب

• لا يوجد

معلومات أخرى

- الاشراف على أكثر من عشرين رسالة ماجستير او دكتوراه:
- مرفق قائمة بالمنشورات والمساهمات العلمية المحلية والدولية.

المجلات العلمية

1. Abdussalam Salhin Mohamed, Soad Altif S. Krmous, and Ragwan Mohamed Ragwan. Spectroscopic Study of hydrazone-based ligands as calorimetric reagents for acetate anion. *Sirte University Scientific Journal*, (SUSJ). (2024), 14(1), 53-59.
2. Salima Moftah Hussein, **Abdussalam Salhin M. Ali**, Mohamed A. Habib and Afyah Salam Alnaas. Kinetic and mechanism of periodate oxidation of ternary nitrilotriacetatocobalt (II) complexes involving malonic acid as secondary ligand. *International Journal of Multidisciplinary Sciences and Advanced Technology*. (2021), 1, 237-245.
3. **Abdussalam Salhin**, Aisha Khzam M. Alhony, Ashraf Mustafa Abusniena and Hamid M. Younis. A new lanthanum (III) sensor based on the immobilization of acenaphthenequinone-[N-[(2,4-dinitrophenyl)]hydrazone on a triacetyl cellulose membrane. *International Journal of Engineering, Applied and Management Sciences Paradigms (IJEAM)*. (2020), 54(10), 2020, 1-9.
4. **Abdussalam Salhin Mohamed**, Ashraf M. Abusenaina and Hamid M. Younis. Spectrophotometric study of Fe(III) complexes with the newly synthesized Schiff base compound derived from 4,4'-diaminodiphenylmethane. *Libyan Journal of Ecological and Environmental Sciences and Technology (LJEEST)*, (2019), 1(1), 68-78.



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5. Ashraf Mustafa Abusnienea, **Abdussalam Salhin Mohamed Ali**, and Abobaker Eljilani Abobaker, Preliminary investigation on the extraction ability of hydrazine compounds immobilized on plant fiber towards Copper ions. *Journal of Science*, (2019), 8, 111-117.
6. Salima Moftah Hussein, Eshtawe M. Algadid, and **Abdussalam Salhin**, Preparation of cobalt(II) nitrilotriacetic acid complexes with periodate in aqueous organic solvent mixtures. *Sirte University Scientific Journal (Applied Sciences)*, (2018), 8(1), 159–166.
7. Yi Chen Chan, **Abdussalam Salhin Mohamed Ali**, Baharuddin Salleh, Hafizi Rosli, and Ching Kheng Quah. Cu(II) complexes of 2-(diphenylmethylene)hydrazinecarboxamide derivatives: Synthesis, characterization and antifungal activity against *Fusarium oxysporum* f. sp. *cubense* tropical race 4. *Arabian Journal of Chemistry*, (2017), 10, S3493-S3500.
8. Razik B.M., Osman H., Ezzat M.O., Basiri A., **Salhin A.**, Kia Y., Muruqaiyah V. Efficient synthesis and discovery of Schiff bases as potent cholinesterase inhibitors. *Medicinal Chemistry*, (2016), 12(6), 527-536.
9. E. M. Mkawi, K. Ibrahim, M. K. M. Ali, M. A. Farrukh, **A. S. Mohamed**, The effect of dopant concentration on properties of transparent conducting Al-doped ZnO thin films for efficient Cu₂ZnSnS₄ thin-film solar cells prepared by electrodeposition method. *Applied Nanoscience*, (2015) 5, 993-1001.
10. E. M. Mkawi, K. Ibrahim, M. K. M. Ali, K.A.M. Saron, M. A. Farrukh, **A. S. Mohamed**, N.K. Allam. Aqueous synthesis of visible-light photoactive cuboid Cu₂ZnSnS₄ nanocrystals using rotatory evaporation. *Material Letters*, (2014) 125, 195-197.
11. Mohammed Zidan, Ruzniza Mohd Zawawi, Mohamed Erhayem, **Abdussalam Salhin**. Electrochemical detection of paracetamol using graphene oxide-modified glassy carbon Electrode. *Int. J. Electrochem. Sci.*, (2014) 9, 7605–7613.
12. E. M. Mkawi, K. Ibrahim, M. K. M. Ali, M. A. Farrukh, **A. S. Mohamed**. Influence of triangle wave pulse on the properties of Cu₂ZnSnS₄ thin films prepared by single step electrodeposition. *Solar Energy Materials and Solar Cells*, (2014) 130, 91-98.
13. Basma M. Abd Razik, Hasnah Osman, Alireza Basiri, **Abdussalam Salhin**, Yalda Kia, Mohammed Oday Ezzat and Vikneswaran Murugaiyah. Ionic liquid synthesis and molecular docking study of novel aromatic embedded Schiff bases as potent cholinesterase inhibitors. *Bioorganic Chemistry*, (2014) 57, 162-168.
14. Amna Qasem Ali, Siang Guan Teoh, **Abdussalam Salhin**, Naser Eltahir Eltayeb, Mohamed B. Khadeer Ahamed and A. M. S. Majid. Synthesis of platinum (II) complexes of isatin derivatives: *In vitro* anti-cancer and deoxyribose nucleic acid binding activities. *Inorganica Chimica Acta*, (2014) 416, 235-244.
15. Amna Qasem Ali, Siang Guan Teoh, **Abdussalam Salhin**, Naser Eltahir Eltayeb, Mohamed B. Khadeer Ahamed and A. M. S. Majid. Synthesis of isatin thiosemicarbazones derivatives: *In vitro* anti-cancer, DNA binding and cleavage activities. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, (2014) 125 440-448.
16. Mohamed Rashid Ahmed-Haras, Mohamad Nasir Mohamad Ibrahim, **Abdussalam Salhin Mohamed Ali**, Coswald Stephen Sipaut, Ashraf Ahmed Ali Abdalsalam. Lignocellulosic-based rheological modifier for high temperature oilfield drilling operations. *American Journal of Engineering Research (AJER)*, (2013) 2(11), 230-241.
17. **Abdussalam Salhin Mohamed Ali** and Abdurrrhman Moussa Abdurrrhman. Determination of free fatty acids in palm oil samples by non-aqueous flow injection using salicylaldehyde-2,4-dinitrophenylhydrazine as colorimetric reagent. *Chemical and Materials Engineering*, (2013) 1(3), 96-103.
18. M.A. Qaeed, K. Ibrahim, Ruchi Srivastava, M.K.M. Ali and **A. Salhin**. Structural and optical characterization of InGaN nanoparticles synthesized at low temperature. *Materials Letters*, (2013) 99, 128-130.
19. M.A. Qaeed, K. Ibrahim, K.M.A. Saron and **A. Salhin**. Cubic and hexagonal GaN nanoparticles synthesized at low temperature. *Superlattices and Microstructures*, (2013) 64, 70-77.
20. Abdalla M. Alzrog, **Abdussalam Salhin Mohamed**, Rahmad Bin Zakaria and Abd. Karim Bin Alias. Effect of planting media (rice husk and coco peat) on the uptake of Cadmium and some micronutrients in chilli (*Capcicum annum L.*). *Pure Appl. Bio.*, (2013) 2(3), 76-82.
21. M.A. Qaeed, K. Ibrahim, K.M.A. Saron and **A. Salhin**. Optical and structural properties of indium nitride nanoparticles synthesized by chemical method at low temperature. *Solar Energy*, (2013) 97, 614-619.



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22. E. M. Mkawi, K. Ibrahim, M. K. M. Ali, M. A. Farrukh and **Abdussalam Salhin Mohamed**. Synthesized and characterization of Cu₂ZnSnS₄ (CZTS) thin films deposited by electrodeposition method. *Applied Mechanics and Materials*, (2013) 343, 85-89.
23. Yi Chen Chan, **Abdussalam Salhin Mohamed Ali**, Melati Khairuddin, Kooi Yeong Khaw, Vikneswaran Murugaiyah and Alireza Basiri. Synthesis and molecular modeling study of Cu(II) complexes derived from 2-(diphenyl-methylene)hydrazinecarbothioamide derivatives with cholinesterase inhibitory activities. *Chinese Chemical Letters*, (2013) 24 (7), 609-612.
24. Yi-Chen Chan, **Abdussalam Salhin Mohamed Ali**, Melati Khairuddean, Ching-Kheng Quah. Synthesis, spectral characterization and crystal structure of 2-((3-aminophenyl) (phenyl)methylene) hydrazinecarboxamide. *Journal of Crystallization Process and Technology*, (2013) 3, 63-68.
25. Yi-Chen Chan, **Abdussalam Salhin Mohamed Ali**, Melati Khairuddean, Ching-Kheng Quah. Synthesis, crystal structure and antimicrobial activity of (E)-ethyl-4-(2-oxoacenaophthylene-1(2H)-ylideneamino) benzoate. *Journal of Crystallization Process and Technology*, (2013) 3, 96-73.
26. M. A. Qaeed, K. Ibrahim, Ruchi Srivastava, M. K. M. Ali and **A. Salhin**. Structural and optical characterization of InGaN Nanoparticles synthesized at low temperature. *Materials Letters*. (2013) 99(15), 128-130.
27. Marwan Shalash, **Abdussalam Salhin**, Bahruddin Saad, and Ismail Ab. Rahman. Simple flow injection spectrophotometric determination of acetaminophen in pharmaceutical formulations using 1,2-naphthoquinone-4-sulphonate as chemical derivatization chromogenic reagent. *Journal of Liquid Chromatography & related Technologies*, (2013) 36, 155-166.
28. Hanieh Ghadimi, Ramin M. A. Tehrani, **Abdussalam Salhin Mohamed Ali**, Norita Mohamed and Sulaiman Ab Ghani. Sensitive voltammetric determination of paracetamol by poly(4-vinylpyridine)/multiwalled carbon nanotubes modified glassy carbon electrode. *Analytica Chimica Acta*, (2013) 765, 70-76.
29. **Abdussalam Salhin**, Aisha Khzam M. Alhony, Sulaiman Bin Ab Ghani and Baharuddin Salleh. Acenaphthenequinone hydrazone derivative based sol-gel in solid-phase extraction of lanthanum (III) in aqueous. *World Applied Sciences Journal*, (2013) 21 (3), 433-441.
30. M. K. M. Ali, K. Ibrahim, E. M. Mkawi and **A. Salhin**. Characterization of phosphoric acid doped N-typed silicon thin films printed on ITO coated PET substrate. *Int. Journal of Electrochemical Science*, (2013) 8, 535-547.
31. E. M. Mkawi, K. Ibrahim, M. K. M. Ali and **Abdussalam Salhin Mohamed**. Dependence of copper concentration on the properties of Cu₂ZnSnS₄ thin films prepared by electrochemical method. *Int. Journal of Electrochemical Science*, (2013) 8, 359-368.
32. M. K. M. Ali, K. Ibrahim, E. M. Mkawi and **A. Salhin**. Effect of thickness on boron-doped silicon thin film deposited onto silver-aluminum back contact-coated plastic substrate by screen-printing. *Int. Journal of Electrochemical Science*, (2012) 7, 13093-13105.
33. Tara F. Tahir, **Abdussalam Salhin** and Sulaiman Ab Ghani. Flow injection analysis of mercury using 4-(dimethylamino)benzaldehyde-4-ethylthio-semicarbazone as the ionophore of a coated wire electrode. *Sensors*, (2012) 12, 14968-14982.
34. Heisham Hussein Rassem, **Abdussalam Salhin**, Baharuddin Bin Saleh, Mohd Mustaqim and Hoong-Kun Fun. (E)-4-Hydroxy-N-(2-methoxybenzylidene)benz-hydrazide. *Acta Cryst.* (2012), E68, o1832.
35. Heisham Hussein Rassem, **Abdussalam Salhin**, Baharuddin Bin Salleh, Mohd Mustaqim and Hoong-Kun Fun. (E)-4-Hydroxy-N-(2-hydroxy-4-methoxy-benzylidene)benzo-hydrazide. *Acta Cryst.* (2012) E68, o2279.
36. Amna Qasem Ali, Naser Eltayer Eltayeb, Siang Guan Teoh, **Abdussalam Salhin** and Hoong-Kun Fun. (Z)-N-Ethyl-2-(5-fluoro-2-oxoindolin-3-ylidene)hydrazinecarbothio-amide. *Acta Cryst.* (2012). E68, o2868-o2869
37. Hanieh Ghadimi, **Abdussalam Salhin Mohamed Ali**, Norita Mohamed, and Sulaiman Ab Gahani. Electrochemical oxidation of catechol in the presence of thiosemicarbazide. *Journal of the Electrochemical Society*, (2012) 159 (6), E127-E131.
38. M.G. Faraj, K. Ibrahim and **A. Salhin**. Effects of Ga concentration on structural and electrical properties of screen printed-CIGS absorber layers on polyethylene terephthalate. *Materials Science in Semiconductor Processing*. (2012), 15, 206-213.
39. **Abdussalam Salhin Mohamad Ali**, Norfarhah Abdul Razak, and Ismail Ab Rahman. Batch adsorption study for the extraction of silver ions by hydrazone compounds from aqueous solution. *The ScientificWorld Journal*, 2012; 2012: 351967. Published online 2012 April 26. doi: 10.1100/2012/351967.



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40. **Abdussalam Salhin Mohamad Ali**, Norfarhah Abdul Razak and Ismail Ab Rahman. Study on the preparation of a sol-gel sorbent based thiosemicarbazone for selective removal of heavy metal ions. *World Applied Sciences Journal*, (2012) 16 (8), 1040-1047.
41. Amna Qasem Ali, Naser Eltaher Eltayeb, Siang Guan Teoh, **Abdussalam Salhin** and Hoong-Kun Fun. (Z)-2-(5-chloro-2-oxoindolin-3-ylidene)-N-phenylhydrazinecarbothio-amide. *Acta Cryst*, (2012) E68, o964-o965.
42. Amna Qasem Ali, Naser Eltaher Eltayeb, Siang Guan Teoh, **Abdussalam Salhin** and Hoong-Kun Fun. (Z)-2-(2-oxoindolin-3-ylidene)-N-phenylhydrazine-carbothio-amide. *Acta Cryst*, (2012) E68, o962-o963.
43. Amna Qasem Ali, Naser Eltaher Eltayeb, Siang Guan Teoh, **Abdussalam Salhin** and Hoong-Kun Fun. (Z)-N-methyl-2-(5-methyl-2-oxoindolin-3-ylidene) hydrazinecarbothio-amide. *Acta Cryst*, (2012) E68, o955-o956.
44. Amna Qasem Ali, Naser Eltaher Eltayeb, Siang Guan Teoh, **Abdussalam Salhin** and Hoong-Kun Fun. (Z)-N-methyl-2-(5-nitro-2-oxoindolin-3-ylidene)hydrazine-carbothioamide. *Acta Cryst*, (2012) E68, o953-o954.
45. Amna Qasem Ali, Naser Eltaher Eltayeb, Siang Guan Teoh, **Abdussalam Salhin** and Hoong-Kun Fun. (Z)-2-(5-fluoro-2-oxoindolin-3-ylidene)-N-phenyl-hydrazinecarbothio-amide. *Acta Cryst*, (2012) E68, o285-o286.
46. Amna Qasem Ali, Naser Eltaher Eltayeb, Siang Guan Teoh, **Abdussalam Salhin** and Hoong-Kun Fun. Bis[2-(2-oxoindolin-3-ylidene)-N-phenylhydrazine-carbothio-amidato- k^3O, N^2, S^1]-nickel(II) dimethylformamide monosolvate. *Acta Cryst*, (2012) E68, m538-m539.
47. M. G. Faraj, K. Ibrahim, and **A. Salhin**. Fabrication and characterization of thin-film Cu(I,Ga)Se₂ solar cells on a PET plastic substrate using screen printing. *Materials Science in Semiconductor Processing*. 15 (2012) 165-173.
48. Marwan Shalash, **Abdussalam Salhin**, Tan Theng Theng, Muhammad Idris Saleh and Bahruddin Saad. Spectroscopic studies of 1,4-bis(4-dimethylaminobenzyl)-2,3-diaza-1,3-butadiene as colorimetric reagent for Cu²⁺. *World Applied Sciences Journal*, (2011) 15 (4), 598-605.
49. A. Qasem Ali, N. E. Eltayeb, S. G. Teoh, **A. Salhin** and H.-K. Fun. (Z)-2-(5-methyl-2-oxoindolin-3-ylidene)-N-phenylhydrazinecarbothioamide. *Acta Cryst*, (2011) E67, o3476-o3477.
50. A. Qasem Ali, N. E. Eltayeb, S. G. Teoh, **A. Salhin** and H.-K. Fun. (Z)-2-(5-Chloro-2-oxoindolin-3-ylidene)-N-phenylhydrazinecarbothioamide. *Acta Cryst*, (2011) E67, o3141-o3142.
51. M. T. M. Al-Dajani, J. Talaat, **A. Salhin**, M. Hemamalini and H.-K. Fun. 2-Ethylpiperidinium chloride. *Acta Cryst*. E67 (2011) o2653.
52. Mohammad T. M. Al-Dajani, Jamal Talaat, **Abdussalam Salhin**, Madhukar Hemamalini and Hoong-Kun Fun. 2-Amino-4,6-dimethylpyridinium chloride hydrate. *Acta Cryst*. E67 (2011) o2572.
53. M. G. Faraj, K. Ibrahim, and **A. Salhin**. Investigation of CIGS solar cells on polyethylene terephthalate substrates. *International Journal of Polymeric Materials*, 60 (2011) 817-824.
54. Chanbasha Basheer, Weishan Wong, Ahmad Makahleh, Abdassalam Abdelhafiz Tameem, **Abdussalam Salhin**, Bahruddin Saad, and Hian Kee Lee. Hydrazone-based ligands for micro-solid phase extraction-high performance liquid chromatographic determination of biogenic amines in orange juice. *Journal of chromatography, A*, 1218 (2011) 4332-4339.
55. Nur Ayunie Zulkepli, Karen Voon Kai Rou, Wan Nur Hidayati Wan Sulaiman, **Abdussalam Salhin**, Bahruddin Saad and Azman Seeni. A synthetic hydrazone derivative acts as an apoptotic inducer with chemopreventive activity on a tongue cancer cell line. *Asian Pacific Journal of Cancer Prevention*, (2011)12, 1-5.
56. M. G. Faraj, K. Ibrahim, and **A. Salhin**. Preparation and study of structural and optical characterization of Cu (In,Ga)Se₂ (CIGS) thin film on polyethylene terphthalate substrate by screen print technique. *Optoelectronics and Advanced Materials- Rapid Communication*, (2010) 4(12), 2092-2096.
57. Yi Chen Chan, **Abdussalam Salhin**, Melati Khairuddean, Madhukar Hemamalini and Hoong- Fun. Ethyl 4-(1,3-dioxo-2,3-dihydro-1Hbenzo[de]isoquinolin-2-yl)benzoate. *Acta Cryst*. (2010) E68, o98-o99.
58. Marwan Shalash, **Abdussalam Salhin**, Rohana Adnan, Chin Sing Yeap and Hoong-Kun Fun. (E)-4-Hydroxy-N0-(4-hydroxy-3-methoxybenzylidene) benzohydrazide. *Acta Cryst*. (2010). E66, o3126-o3127.



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59. Abdassalam Abdelhafiz Tameem, Bahruddin Saad, Ahmad Makahlah, **Abdussalam Salhin** and Muhammad Idris Saleh. A 4-hydroxy-N'-[(E)-(2-hydroxyphenyl)methylidene]benzo-hydrazide-based sorbent material for the extraction-HPLC determination of biogenic amines in food samples. *Talanta*, **82** (2010) 1385-1391.
60. Mardiana Saaid, Bahruddin Saad, Ismail Ab Rahman, **Abdussalam Salhin Mohamed Ali**, Muhammad Idris Saleh. Extraction of biogenic amines using sorbent materials containing immobilized crown ethers. *Talanta*, **80** (2010) 1183-1190.
61. Wejdan Shakir Khayoom, Bahruddin Saad, Chew Bee Yan, Nor Hasani Hashim, **Abdussalam Salhin Mohamed Ali**, Muhammad Idris Saleh, Baharuddin Salleh. Determination of aflatoxins in animal feeds by HPLC with multifunctional column clean up. *Food Chemistry*, **118** (2010) 882-886.
62. Mohammad T. M. Al-Dajani, **Abdussalam Salhin**, Normisah Mohamed, Wan-Sin Loh, Hoong-Kun Fun. Tetrakis(2,6-diaminopyridinium)diphthalate 2,6-diaminopyridine. *Acta Cryst. E* (2009) E65, o2931-o2932.
63. Saaid Mardiana, Saad Bahruddin, **Ali Abdussalam Salhin Mohamed**, Saleh Muhammad Idris, Basheer Chanbasha, Lee Hian Kee. In situ derivatization hollow fibre liquid-phase microextraction for the determination of biogenic amines in food samples. *Journal of chromatography, A*, (2009) 1216, 5165-70.
64. **Abdussalam Salhin**, Norfarhah Abdulrazak and I. A. Rahman. 1-Bromoacetophenone-2,4-dinitrophenylhydrazine, *Acta Cryst. E* (2009) E65, o1221-01222.
65. Mardiana Saaid, Bahruddin Saad, Noor Hasani Hashim, **Abdussalam Salhin Mohamed Ali**, Muhammad Idris Saleh. Determination of biogenic amines in selected Malaysian food. *Food Chemistry*, (2009) 113, 1356-1362.
66. Khoo Lay See, Abdalla A. Elbashir, Bahruddin Saad, **Abdussalam Salhin Mohamed Ali**, and Hassan Y. Aboul-Enein. Simultaneous determination of ofloxacin and ornidazole in pharmaceutical preparations by capillary electrophoresis. *Biomed. Chromatogr.*, (2009) 23, 1283-1290.
67. Abdalla A. Elbashir, Bahruddin Saad, **Abdussalam Salhin Mohamed Ali**, Muhammad Idris Saleh and Hassan Y. Aboul-Enein. Determination of quinocid as impurity in primaquine tablets by capillary zone electrophoresis. *Biomed. Chromatogr.*, (2009) 23, 464-471.
68. Abdalla A. Elbashir, Bahruddin Saad, **Abdussalam Salhin Mohamed Ali**, Muhammad Idris Saleh and Hassan Y. Aboul-Enein. Enantioselective analysis of primaquine and its impurity quinocid by capillary electrophoresis. *Biomed. Chromatogr.*, (2009) 23, 295-301.
69. **Abdussalam Salhin**, Norfarhah Abdulrazak and I. A. Rahman. 4-(Dimethylamino)benzaldehyde 4-ethylthiosemicabazone. *Acta Cryst. E* (2008) E64, o2353.
70. Abdalla A. Elbashir, Bahruddin Saad, **Abdussalam Salhin Mohamed Ali**, Muhammad. Idris and Hassan Y. Aboul-Enein. Development and validation of a capillary zone electrophoresis method for the determination of ofloxacin in tablets. *J. Liquid Chromatography & Related Technologies*. (2008) 31, 2771-2783.
71. Abdassalam A. Tameem, Bahruddin Saad, **Abdussalam M. Salhin**, Samuel Robinson Jebas, and Hoong-Kun Fun. 2-Hydroxy-5-nitrobenzaldehyde 2,4-dinitrophenylhydrazine. *Acta Cryst. E* (2008) E64, o679-o680.
72. Elbashir A. A., Saad B., **Ali A. S. M.**, Saleh M. I. Development of capillary electrophoresis method for the enantioselective estimation of primaquine in pharmaceutical formulations. *J. AOAC International*, (2008) 91, 536.
73. Abdalla A. Elbashir, Bahruddin Saad, **Abdussalam Salhin Mohamed Ali**, Muhammad Idris Saleh and Hassan Y. Aboul-Enein. Determination of ofloxacin enantiomers in pharmaceutical formulation by capillary electrophoresis, *J. Liquid Chromatography & Related Technologies*. (2008) 31, 348-360.
74. Abdalla A. Elbashir, Bahruddin Saad, **Abdussalam Salhin Mohamed Ali**, Khaldun M. M. Al-Azam, Hassan Y. Aboul-Enein. Validation stability indicating assay of gemifloxacin and lomefloxacin in tablet formulations by capillary electrophoresis. *J. Liquid Chromatography & Related Technologies*. (2008) 31, 1465-1477.



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كلية العلوم - الكيمياء - أستاذ



75. Abdalla A. Elbashir, Bahruddin Saad, **Abdussalam Salhin Mohamed Ali** and Muhammad Idris Saleh. Optimization, validation and application of a capillary zone electrophoresis method for the assay of sparfloxacin in pharmaceutical formulation. *Analytical Letters*, (2008) 14, 41.
76. Shafida Abd. Hamid, Amirah Amalina Ahmad Tarmizi, **Abdussalam Salhin Mohamad Ali**, Bahruddin Saad, Application of a Newly Synthesized Calixarene in Metal Ions Extraction, *CLEAN-Soil, Air Water* (2008) 36, 498-503.
77. Bahruddin Saad, Abdalla A. Elbashir and **Abdussalam Salhin Mohamed Ali**, Enantioseparation of drugs using capillary electrophoresis, *Bulletin, The School of Chemical Sciences, Univesiti Sains Malaysia*, (2007) 6, 6.
78. Bahruddin Saad, Yong Yek Sing, Mohd Asri Nawi, NoorHassani Hashim, **Abdussalam Salhin Mohamed Ali**, Muhammad idiris Saleh, Shaida Fariza Sulaiman, Khairuddin Md Talib and Kamarudzaman Ahmad. Determination of synthetic phenolic antioxidants in food items using reversed-phase HPLC, *Food Chemistry*, (2007) 105, 289-394.
79. Muhammad I. Saleh, Eny Kusriani, Bahruddin Saad, Rohana Adnan, **Abdussalam S. Mohamed** and Bohari M. Yamin. Structural and luminescence studies of trivalent europium complexes with pentaethylene glycole and 18-crown-6 ligands in the presence of picrate anion, *J. Luminescence*, (2007) 126, 871-880.
80. **Abdussalam Salhin**, Abdassalam Abdelhafiz Tameem, Bahruddin Saad, Shea-lin Ng and Hoong-kun Fun. 4-Hydroxy-*N'*-[(*E*)-(2-hydroxyphenyl)methylidene]benzohy-drazide, *Acta Cryst. E* (2007) E63, o2880.
81. Adbassalam Abdelhafiz Tameem, **Abdussalam Salhin**, Bahruddin Saad, Ismail Ab. Rahman, Muhammad Idris Saleh, Shea-lin Ng and Hoong-Kun Fun. Formaldehyd-2,4-dinitrophenylhydrazone, *Acta Cryst. E* (2006) E63, o57-o58.
82. Adbassalam Abdelhafiz Tameem, **Abdussalam Salhin**, Bahruddin Saad, Ismail Ab. Rahman, Muhammad Idris Saleh, Shea-lin Ng and Hoong-Kun Fun. Benzophenone-2, 4-dinitrophenylhydrazone, *Acta Cryst. E* (2006) E62, o5686-o5688.
83. Bahruddin Saad, Cheng Woon ling, Md Sariff Jab, Boey Peng lim, **Abdussalam Salhin Mohamed Ali**, Wan Tatt Wai and Muhammad Idris Saleh. Determination of free fatty acids in palm oil samples using non-aqueous flow injection titrimetric method, *Food Chemistry*, (2007) 102, 407-1414.
84. Bahruddin Saad, Wan Tatt Wai, **Abdussalam Salhin Mohd. Ali** and Muhammad Idris Saleh. Sequential flow injection determination of chlorine species using a triiodide-selective electrode detectore, *Analytical Sciences*, (2006) 22, 45-50.
85. Bahruddin Saad, Ching Ching Chong, **Abdussalam Salhin Mohamed Ali**, Md. Fazlul Bari, Ismail Ab Rahman, Norita Mohamad, Muhammad Idris Saleh. Selective removal of heavy metal ions using sol-gel immobilized and SPE-coated thiacycrown ethers. *Analytica Chimica Acta*. (2006) 555, 146-156.
86. Bahruddin Saad, Chong Ching Ching, **Abdussalam Salhin**, Md. Fazlul Bari, Ismail Ab Rahman, Norita Mohamad and Muhammad Idris Saleh. Simultaneous solvent extraction of metal ion with thiacycrown ether studied using Inductively coupled plasma-mass spectrometry. *The Malaysian Journal of Chemistry*. (2004) 6, 105-113.
87. Muhammad Idris Saleh, Eny Kusriani, **Abdussalam Salhin**, Rohana Adnan, Ismail Ab Rahman, Bahruddin Saad, Bohari M. Yamin. Structure and thermal stability of the benzo-15-crown-5 with lanthanum (III) bromide complex. *Indonesian Journal of Chemistry*, (2004) 4(3), 139-144.
88. Bahruddin Saad, **Abdussalam Salhin** and Muhammad Saleh. Chromogenic reagents: synthesis and analytical applications, *Bulletin Kimia, School of Chemical Sciences, Univesiti Sains Malaysia*, (2004) V3 (1), 16.
89. **Abdussalam M. A. Salhin**, Mutsuo Tanaka, Kenji Kamada, Hisanori Ando, Tomokazu Ikeda, Yasuhika Shibutani, Setsuko Yajima, Makoto Nakamura, and Keiichi Kimura. Decisive factors in the photoisomerization behavior of crowned spirobenzopyrans: Metal-ion interaction with crown ether and phenolate anion moieties. *Eur. J. Org. Chem.* (2002) 655-667.
90. Mutsuo Tanaka, Makoto Nakamura, **M. A. Abdussalam Salhin**, Tomokazu Ikeda, Kenji Kamada, Hisanori Ando, Yasuhiko Shibutani, and Keiichi Kimura. Synthesis and photochromism of spirobenzopyran derivatives bearing an oxymethylcrown ether moiety: metal ion-induced switching between positive and negative photochromisms *J. Organic. Chem.*, (2001) 66(5), 1533-1537.
91. M. I. Saleh, **A. Salhin**, S. Talipove, B. Saad, H.-K. Fun and A. Razak Ibrahim. Crystal structure of *N,N'*-dibenzyl-1,4,10,13-tetraoxa-7,16-diazacyclooctadecan cerium (III) thiocynate, $C_{29}H_{38}CeN_5O_4S_3$. *Zeitschrift Für Kristallographie*, (1999) 214, 45-46.



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92. Muhammad Idris Saleh, **Abdussalam Salhin**, Bahrudin Saad, Hoong-Kun Fun. Structure and confirmation of (dibenzyl-diaza-18-crown-6)-Nd(III) and Eu(III) thiocyanate: infrared spectroscopic and x-ray crystallographic studies. *Journal of Molecular Structure*, (1999) 475, 93-103.
93. Muhammad Idris Saleh, **Abdussalam Salhin**, Bahrudin Saad, Sharifuddin Mohd Zain, Noorsaadah Abdul Rahman, Zainudin Arifin. A structure study of the interaction of dibenzyl-diaza-18-crown-6 with neodymium (III) nitrate hexahydrate. *Journal of Molecular Structure*. (1998) 448, 63-68.
94. Muhammad Idris Saleh, **Abdussalam Salhin**, Bahrudin Saad, Sharifuddin Mohd Zain, Zainudin Arifin. A structural study of (dibenzyl diaza-18-crown-6) lanthanum (III) thiocyanate. *Journal of Molecular Structure*. (1997) 415, 71-79.
95. M. I. Saleh, **A. Salhin**, B. Saad, K. Sivakumar and H. K. Fun. A 1:2 complex between N,N'-dibenzyl-1,4,10,13-tetraoxa-7,16-diazacycloocta-decan and 2,4,6-trinitrophenol. *Zeitschrift Für Kristallographie*, (1997) 212, 107-108.
96. Muhammad Idris Saleh, **Abdussalam Salhin** and Bahrudin Saad. Extraction behaviour of lanthanide (III) elements by azamacrocyclic polyether extractant: The effect of different approaches in extraction. *The Malaysian Journal of Analytical Sciences*. (1997) 3(2), 307-314.
97. Muhammad Idris Saleh, **Abdussalam Salhin**, Bahrudin Saad, Kandasamy Sivakumar and Hoong-Kun Fun. A 1:2 host-guest complex of diaza-15-crown-5 with picric acid. *Acta. Cryst.*, (1996) C52, 1509-1512.
98. Muhammad Idris Saleh, **Abdussalam Salhin**, Bahrudin Saad. Determination of lanthanum in monazite sand after solvent extraction separation of the picrate with dibenzo-24-crown-8. *Analyst*, (1995) 120, 2861-2865.

المؤتمرات العلمية

1. 4th International Conference of Basic Sciences and Their Applications, ICBS. (2021). Kinetic and mechanism of periodate oxidation of ternary nitrilotriacetatocobalt (II) complexes involving malonic acid as secondary ligand. Omar El-Mokhtar University. 1-2 December 2021, Albeda, Libya.
2. 3rd Scientific conference of Bright Star University. The occupational safety and health and environmental protection. Bright Star University, 12-13 December, Elbrega, Libya. (Member of the Organizing committee).
3. 44th World Chemistry Congress (2013). Synthesis, spectral, in vitro anti-proliferative activity, DNA binding and cleavage studies of isatin thiosemicarbazones derivatives. 11-16 August, Istanbul, Turkey.
4. International Conference on Multidisciplinary Research 2012 (CMR 2012). An optical lanthanum (III) sensor based on acenaphthenequinone-[N-(2,4-dinitrophenyl)]-hydrazone as sensing reagent. Universiti Sains Malaysia, 1-3 November, 2012, Penang, Malaysia.
5. 2nd National Symposium in Organic Synthesis 2012 (NaSOS II). Synthesis and biological applications of semi and thiosemicarbazone substituted benzophenone derivative and their Cu(II) complexes. 16-17 July 2012. Concorde Hotel, Shah Alam, Malaysia.
6. 1st University Sains Malaysia-Al-Farabi Kazakh University (USM-KAZUN) International Conference. 11-13 July (2012), USM, Penang, Malaysia.
 - a). Effect of planting media on the uptake of cadmium (Cd²⁺) by chili (*Capsicum Annuum*) in three stages of plant growth.
 - b). Design of a novel optical sensor for determination of trace lanthanum.
7. 13th International Symposium on Advances in Extraction Technologies 2011 (ExTech 2011). Eggshell membrane as sorbent material for extraction of biogenic amines in food samples., 27-29 September, 2011, Putra World Trade Center, Kuala Lumpur, Malaysia.
8. 37th Asia Pacific Dental Students' Association Japan Congress, 2010. Chemopreventive effect of hydrazone derivative on tongue cancer cells via inhibition of proliferation and apoptosis induction. 16 – 20 August 2010, Hakone & Tokyo, Japan.
9. International Conference on Chemistry and Chemical Engineering (ICCCE 2010). Spectroscopic Study of Hg (II)-Complex with 4-(dimethylamino)benzaldehyde 4-ethylthio-semicarbazone. 1-3 August 2010, Kyoto, Japan.



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10. **The 7th IADS and YDW Annual World Dental Congress.** *Hydrazone derivative demonstrated promising chemopreventive activity via its inhibitory effect and apoptosis induction on human tongue carcinoma cells.* 16th – 22nd July 2010, Brno, Czech Republic.
11. **Introduction and Information about plagiarism** (One day conference). Institute of Postgraduate Students, 61-03-2010. Auditorium-1, USAINS, EURIKA Complex, Universiti Sains Malaysia.
12. **School of Chemical Sciences Research Colloquium 2009.** *Smart Chromogenic Molecular Receptors Based on Hydrazone Schiff-Base Compounds.* (**Keynote Speaker**). Bayview Hotel, Penang, 2-3 November 2009.
13. **Transdisciplinary Clinical Research.** *Separation of chiral molecules using capillary electrophoresis.* Lecture Hall, School of medical Sciences, Universiti Sains Malaysia, Kota Baru, Kelantan, 16 December 2008.
14. **Simposium Kimia Analisis Malaysia Ke-21 (SKAM-21)**, School of Science and Technology, Universiti Malaysia Sabah. 25-27 November 2008.
 - a). *High performance liquid chromatographic determination of aflatoxins in animal feeds.*
 - b). *Selective isolation of biogenic amines using SPE coated 4'-aminobenzo-18-crown-6.*
 - c). *Development of a HPLC method for determination of the banned dye (Sudan and Para Red) in chili samples.*
15. **2nd Penang International Conference for Yong Chemists, (ICYC-2008).** *The FIA method for the determination of paracetamol in tablet formulation.* Universiti Sains Malaysia, 18-20th June 2008.
16. **The 10th Eurasia Conference on Chemical Sciences (EuAs C2S-10).** *Development and validation of a capillary zone electrophoresis method for the determination of sparfloxacin in tablets.* Philippine international convention center, Manila, Philippines. 7-11th January 2008.
17. **3rd Saudi Science Conference.** *Enantiomeric determination of ofloxacin in pharmaceutical formulations by capillary electrophoresis using cyclodextrin.* College of Science, King Saud University, King Fahad Culture Center, Riyadh, Saudi Arabia, 13th March 2007.
18. **1st International Conference on Chemical Sciences (ICCS-2007)**, Yogyakarta, Indonesia, 24-26 May 2007.
 - a). *Preparation, crystal structure and thermal decomposition studies of dinitrophenylhydrazone derivatives.*
 - b). *Isolation of biogenic amines using immobilized 1-aza-18-crown-6 onto mesoporous silica.*
 - c). *Enantiomeric separation of primaquine (Anti-malarial drug) enantiomer by capillary electrophoresis: Application to quality control of pharmaceuticals.*
19. **1st USM-Penang International Postgraduate Convention**, 24-27 May 2006, Universiti Sains Malaysia, Penang, Malaysia.
 - a). *Confirmation and analytical application of diphenylmethyl-(2,4-dinitrophenylhydrazone) as a new chromogenic reagent.*
 - b). *Extraction of biogenic amines using immobilized aza-crown ether onto mesoporous silica.*
20. **Pharmaceutical sciences world congress.** *Enantioselective determination of ofloxacin in pharmaceutical formulations by capillary electrophoresis using dual system of cyclodextrins.* 22-25 April, 2007, Amsterdam, Netherlands.
21. **21st scientific meeting of the Malaysian society of pharmacology and physiology (MSPP), “Nanotechnology in pharmacology and physiology: emerging challenge”.** *Enantiomeric separation of D, L-tryptophan by capillary electrophoresis with neutral cyclodextrins.* 24-26 April 2006, Kota Baru, Kelantan, Malaysia.
22. **Simposium Kimia Analisis Kelapan Belas, SKAM-18, 2005**, 12 -14 September, Johor Bahru, Malaysia.
 - a) *Determination of lead by new optical chromogenic sensor.*
 - b) *Photoluminescence of europium-picric-polyethers complexes.*
 - c) *Hydrazone derivative chromogenic reagent: synthesis, characterization and analytical application.*
 - d) *Preparation and characterization of chemically immobilized crown ether to mesoporous silica for solid phase extraction (SPE) applications.*
 - e) *Molecular recognition of a chromogenic hydrazone derivative towards amines.*
23. **Annual Fundamental Science Seminar.** *Hydrazone derivatives as new lithium chelating chromogenic reagent*, 2005, University Technology Malaysia (UTM), Skudai, Johor, 4-5 Julai 2005.



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24. **2nd International Seminar on Environmental Chemistry and Toxicology.** *Selective isolation of heavy metal ions using free and immobilized thiacycrown ethers.* Yogyakarta, Indonesia, 26-27 April 2005.
25. **6th Joint Seminar between Institute Technology Bandung and University Kebangsaan Malaysia (ITB-UKM),** *Preparation and structural features of tetraethylene glycol (EO4) and pentaethylene glycol (EO5) with neodymium (III) in the presence of picrate anion.* Bali, Indonesia, 17-18 May 2005.
26. **Simposium Kimia Analisis: (Analytical Science: Trends, Challenges and Opportunities), 2004.** *Smart photoswitchable chromogenic molecular receptors based on crown ethers.* 24th -26th August, Kuantan, Pahang, Malaysia.
27. **Regional Conference for Yong Chemists 2004.** 13 and 14 April, 2004, Universiti Sains Malaysia (USM).
 - a). *Synthesis of new chromogenic polyether reagents.*
 - b). *Simultaneous solvent extraction of metal ion with thiacycrown ether studied using inductively coupled plasma-mass spectrometry (ICP-MS).*
28. **Osaka National Research Institute (ONRI).** *Highlights on the host-guest chemistry of crown ethers and their complexation abilities with lanthanide elements.* Ikeda, Osaka, Japan, Oct. 2001.
29. **3rd Conference of the Asian Crystallographic Association (AsCA'98).** *The crystal structures of dibenzyl-diaza-18-crown-6 complexes with Cu- and Ce-thiocyanates.* 1998, UKM, Malaysia.
30. **IMT-GT Regional Chemistry Conference- Industrial Transformation Trough Technology.** *Preparation and characterization of lanthanide (III) complexes of the dibenzyl-diaza-18-crown-6 ether,* Dec. 16-18, 1996, USM, Penang, Malaysia.
31. **Simposium Kimia Analisis Ke-99 (SKAM).** *New aspects in extraction of lanthanide (III) elements by macrocyclic polyether extractants.* Aug.1996, USM, Penang, Malaysia.
32. **4th Eurasia Conference on Chemical Sciences (EuAs, C25).** *Solvent extraction of lanthanide (III) by crown ether from aqueous picrate solution.* Dec.1994, Kuala Lumpur, Malaysia.

ورش العمل

1. **Natural Product Analysis Seminar.** School of Pharmacy, Universiti Sains Malaysia, 2nd February, 2010
2. **Chirality: Analysis and Emerging Issues.** School of Chemical Sciences, Universiti Sains Malaysia, 23-24 October 2007.
3. **3rd CE and Chemstation-Familiarization.** School of Chemical Sciences, Universiti Sains, 29-30 April 2008
4. **The Metrohm Ion Chromatography Workshop.** School of Chemical Sciences, Universiti Sains Malaysia. 12 September 2006.
5. **Research Workshop (EKSP0).** *Rear metal extraction.* Aug.1994, Penang, Malaysia.

REFEREE PAPERS

1. Sirte University Scientific Journal (SUSJ). R.C. Center. 2020, 2019, 2018, 2017.
2. Journal of Molecular Structure. 2020/2019/2018/2017/2016/2015/2014/2013.
3. Physical Sciences Research International. 2014.
4. International Journal of Agricultural Policy and Research. 2014.
5. Carbohydrate Polymers. 2013.
6. American Chemical Science Journal. 2013.
7. Journal of Physical Sciences. 2013.
8. The Journal Frontiers in Modern Food Industry. 2013.
9. Chemical Engineering Journal. 2012.
10. RSC Advances (RSC Publishing). 2012.
11. International Journal of Environmental Analytical Chemistry. 2012/2010.
12. KOS Academic Journal. 2011.
13. Malaysian Journal of Pharmaceutical Sciences. 2011.
14. Environmental Chemistry Letters. 2010.