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| **The Egyptian Arabic Republic****Assiut University****College of Science****Chemistry Department** | 63708_698627176881721_2923164909362333779_n |

**Curriculum vitae of a faculty member**

**Personal information:**

Name: Prof. Dr. Talaat Ibrahim Ali El - Emary

Place and date of birth: Cairo, Egypt,15/9/ 1955.

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  Professor, Faculty of Science, Department of Chemistry, Assiut University, Egypt

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**معلومات شخصية:**

ا**لاسم: أ.د. طلعت ابراهيم علي العمري**

مكان وتاريخ الميلاد: القاهرة ، مصر ، 15/9/1955.

الجنسية المصرية

 أستاذ ، كلية العلوم ، قسم الكيمياء ، جامعة أسيوط ، مصر

التخصص: كيمياء عضوية

عناوين المراسلات:

كلية العلوم - قسم الكيمياء - جامعة أسيوط - مصر - هاتف منزلي 0882061624

وهاتف محمول 01094489589

**Qualifications:**

1- Bachelor degree in science, "Chemistry specialization" - May 1978 - Faculty of Science - Cairo University with a very good grade.

2- MsC. "Organic Chemistry" – Feb-1983 - Faculty of Science - Assiut University.

3- Ph.D. in Science, "Organic Chemistry",Jan- 1995 (Joint Supervisory System, Egypt- Germany).

4- Assistant Professor "organic chemistry" Sep.-2000 - Assiut University.

5- Professor of "organic chemistry" in June- 2013 - until now.

**مؤهلات**

1- بكالوريوس علوم تخصص كيمياء مايو 1978 - كلية العلوم - جامعة القاهرة بتقدير جيد جدا.

2- ماجستير. "الكيمياء العضوية" - فبراير 1983 - كلية العلوم - جامعة أسيوط.

3- دكتوراه. بكالوريوس في العلوم "الكيمياء العضوية" يناير 1995 (نظام الإشراف المشترك ، مصر - ألمانيا).

4- أستاذ مساعد "كيمياء عضوية" سبتمبر 2000 - جامعة أسيوط.

5- أستاذ "الكيمياء العضوية" يونيو 2013 - حتى الآن.

التسلسل والخبرة الوظيفية:

1- معيد بقسم الكيمياء ، كلية العلوم ، جامعة أسيوط ، 1979.

2- مدرس مساعد بقسم الكيمياء ، كلية العلوم ، جامعة أسيوط ، 1983-1990.

3- عضو بعثة الإشراف المشترك للحصول على الدكتوراه (مصر - ألمانيا) 1990-1994. تحت إشراف البروفيسور الدكتور جيرهارد ستوكلين (أستاذ الكيمياء النووية في KFA Julich ، ألمانيا) ، و البروفيسور الأستاذ الدكتور سعود عبد المنعم متولي (أستاذ الكيمياء العضوية بجامعة أسيوط) ، والبروفيسور الاستاذ الدكتور جلال مصطفى النجار (أستاذ الكيمياء العضوية بجامعة أسيوط).

4- مدرس بقسم الكيمياء ، كلية العلوم ، جامعة أسيوط ، 1995-2000.

5- أستاذ مساعد بقسم الكيمياء ، كلية العلوم ، جامعة أسيوط ، 2000.

6- رئيس قسم العلوم بكلية التربية بالجوف (معلمين سابقاً) بالمملكة العربية السعودية لثلاث دورات (2005-2008).

7- أستاذ "الكيمياء العضوية" مارس 2013 - حتى الآن.

**Sequence and functional experience:**

1- Demonstrator, Chemistry Department, Faculty of Science, Assiut University, 1979.

2- Assistant Lecturer, Department of Chemistry, Faculty of Science, Assiut University, 1983-1990.

3- Member of joint supervision mission to obtain a doctorate (Egypt - Germany) 1990-1994. Under supervision of Prof. Dr. Gerhard Stoeklin (Prof. of Nuclear Chemistry in KFA Julich, Germany), Prof. Dr. Saoud A. Metwally (Prof of Organic Chemistry at Assiut Univesity) and Prof. Dr. Galal M.ElNaggar (Prof of Organic Chemistry at Assiut Univesity) .

4- Lecturer, Chemistry Department, Faculty of Science, Assiut University, 1995-2000.

5- Assistant Professor, Department of Chemistry, Faculty of Science, Assiut University, 2000.

6- Head of the Department of Science, Faculty of Education Aljouf (teachers previously) in Saudi Arabia for three courses (2005-2008).

7- Professor of "organic chemistry" in March 2013 - until now.

**Scientific missions, conferences and secondments**

1. Postdoctoral mission to Germany from DAAD (1998) at Faculty of Science, Tubengin, Germany under supervision of Prof. Dr. Machola and Prof. Dr. Ziller.
2. Attendance and participation in international conferences in the field of chemistry for more than 30 times in Egypt, Saudi Arabia, Germany, England, France, Italy, Greece and Switzerland.
3. Loan to the College of Education and Science at Al Jouf University in the Kingdom of Saudi Arabia for ten years in the
4. period from 2000 - 2010.

**التسلسل والخبرة الوظيفية:**

1- معيد بقسم الكيمياء ، كلية العلوم ، جامعة أسيوط ، 1979.

2- مدرس مساعد بقسم الكيمياء ، كلية العلوم ، جامعة أسيوط ، 1983-1990.

3- عضو بعثة الإشراف المشترك للحصول على الدكتوراه (مصر - ألمانيا) 1990-1994. تحت إشراف البروفيسور الدكتور جيرهارد ستوكلين (أستاذ الكيمياء النووية في KFA Julich ، ألمانيا) ، الأستاذ الدكتور سعود عبد المنعم متولي (أستاذ الكيمياء العضوية بجامعة أسيوط) ، والبروفيسور الدكتور جلال مصطفى النجار (أستاذ الكيمياء العضوية بجامعة أسيوط).

4- مدرس بقسم الكيمياء ، كلية العلوم ، جامعة أسيوط ، 1995-2000.

5- أستاذ مساعد بقسم الكيمياء ، كلية العلوم ، جامعة أسيوط ، 2000.

6- رئيس قسم العلوم بكلية التربية بالجوف (معلمين سابقاً) بالمملكة العربية السعودية لثلاث دورات (2005-2008).

7- أستاذ "الكيمياء العضوية" مارس 2013 - حتى الآن.

البعثات العلمية والمؤتمرات والإعارة

1) بعثة ما بعد الدكتوراه إلى ألمانيا من DAAD (1998) في كلية العلوم ، تيبنجين ، ألمانيا تحت إشراف البروفيسور الأستاذ الدكتور ماخولا والبروفيسور الأستاذ الدكتور سيلر.

2) الحضور والمشاركة في المؤتمرات الدولية في مجال الكيمياء لأكثر من 30 مرة في مصر والمملكة العربية السعودية وألمانيا وإنجلترا وفرنسا وإيطاليا واليونان وسويسرا.

3) اعارة الى كلية التربية والعلوم بجامعة الجوف بالمملكة العربية السعودية لمدة عشر سنوات في الفترة من 2000-2010.م

**Scientific Production: Research, Books, Other:**

1. More than 80 researches, books and papers in the field of organic and general chemistry. See list of researches.
2. Supervising eight Master and PhD dissertations, five of whom were awarded their degrees.

**Areas in which research and arbitration can be involved:**

1. Field of Organic Chemistry, General Chemistry.
2. Translation, Authoring and Review.
3. Postgraduate studies in chemistry (MSc and PhD)
4. Reviewer and research arbitrator in the editorial bodies of scientific journals in the field of chemistry such as:
5. Journal of Brazilian Chem. Soc.
6. American Journal of Heterocyclic.
7. Earth line Journal of Chemical Sciences.
8. "Quarterly Franklin Membership" (Membership ID#YI71729).
9. London Journal of Research in Science: Natural and Formal (LJRS).
10. Assiut University Journal of Chemistry.
11. Chemical Scientific Journal of Minia University.
12. Hindawi publisher.

**الإنتاج العلمي: بحث ، كتب ، أخرى:**

1) أكثر من 80 بحثًا وكتابًا وورقة في مجال الكيمياء العضوية والعامة. انظر قائمة البحوث.

2) الإشراف على ثماني رسائل ماجستير ودكتوراه حصل خمسة منهم على درجاتهم العلمية.

المجالات التي يمكن أن يشارك فيها البحث والتحكيم:

1) مجال الكيمياء العضوية - الكيمياء العامة.

2) الترجمة والتأليف والمراجعة.

3) الدراسات العليا في الكيمياء (ماجستير ودكتوراه)

4) مراجع ومحكم بحث في هيئات تحرير المجلات العلمية في مجال الكيمياء مثل:

أ) مجلة كيم البرازيلية.

ب) المجلة الأمريكية للحلقة غير المتجانسة.

ج) مجلة خط الأرض للعلوم الكيميائية.

د) "عضوية فرانكلين ربع السنوية" (رقم تعريف العضوية # YI71729).

ه) مجلة لندن للبحوث في العلوم: الطبيعية والرسمية (LJRS).

و) مجلة جامعة أسيوط للكيمياء.

ز) المجلة العلمية الكيميائية لجامعة المنيا.

ح) الناشر هنداوي.

**List of Publications:**

1) Novel synthesis of some heterocycles and their molluscicidal activity against the destructive land snail, Theba pisana. Accepted for publication in Chemical and Biological Technologies in Agriculture, **( 2024)** (proof)Ahmed AO Abeed**, Talaat I El-Emary**, Mohamed SK Youssef, Ibrahim Hefzy, Ahmed Ibrahim . DOI : 10.1186/s40538-024-00602-z66ff30e1-a571-42c0-8bb7-0d5c732634da

2) [Synthesis, structural and X-ray analysis evaluations and computational studies of newly tetrahydroisoquinoline derivatives as potent against microsomal prostaglandin E synthase 1](https://scholar.google.com.eg/citations?view_op=view_citation&hl=en&user=5k__3_UAAAAJ&sortby=pubdate&citation_for_view=5k__3_UAAAAJ:D03iK_w7-QYC). Shaaban K Mohamed, Subramani Karthikeyan, Esraa Khamies, Atazaz Ahsin, Etify Bakhite, Islam S. Marae, **Talaat I. El-Emary**, Joel T Mague, Awad I. Said, Rashad Al-Salahi, Youness El Bakri. Journal of Biomolecular Structure and Dynamics, Received 10 Aug 2023, Accepted (**10 Oct 2023),** Published online:( 25 **Oct 2023** )1-15, <https://doi.org/10.1080/07391102.2023.2272745>

 [3) Synthesis and Reactions of Fused Pyrazolo [3, 4-b] Pyridine Derivatives: Insecticidal Activity and Digestive Dysfunction against Mosquito Larvae](https://www.ingentaconnect.com/content/ben/coc/2023/00000027/00000010/art00006). . Ahmed AO Abeed, **Talaat I El-Emary**, Mohamed SK Youssef, Ibrahim Hefzy, Ahmed Ibrahim Current Organic Chemistry, 27(10) **,( 2023)**

 [4) Efficient Synthetic Access to Novel Indolo [2, 3-b] Quinoxaline-based Heterocycles](https://www.ingentaconnect.com/content/ben/cos/2022/00000019/00000001/art00012). Ahmed Abdou O Abeed, **Talaat El-Emary**, Sarah Alharthi. Current Organic Synthesis, 19, (1), 177-185 **(2022).**

5) [Crystal structure and Hirshfeld surface analysis of (3S, 3aR, 6aS)-3-(1, 3-diphenyl-1H-pyrazol-4-yl)-5-(4-methoxyphenyl)-2-phenyl-3, 3a, 4, 5, 6, 6a-hexahydro-2H-pyrrolo [3, 4 …](https://scripts.iucr.org/cgi-bin/paper?EX2041) Shaaban K Mohamed, Awad I Said, Joel T Mague, Talaat I El-Emary, Mehmet Akkurt, Sahar MI Elgarhy. Acta Crystallographica Section E: Crystallographic Communications. 77(4), 356-359**,(2021).** International Union of Crystallography

6) [An Efficient Synthesis and Reactions of 5-Acetyl-6-Methyl-4-(1,3-Diphenyl-1*H*-Pyrazol-4-yl)-3,4-Dihydropyrmidin-2(1*H*)-Thione as Potential Antimicrobial and Anti …](https://link.springer.com/article/10.1134/S1068162021020102) **Talaat I El-Emary**, Shawkat A Abdel-Mohsen, Shereen A Mohamed. Russian Journal of Bioorganic Chemistry. 47(2), 561-571**, (2021)**.

7) Diastereoselective synthesis of atropisomeric pyrazolyl pyrrolo[3,4-d]isoxazolidines via pyrazolyl nitrone cycloaddition to facially divergent maleimides: intensive NMR and DFT studies. Awad I Said, **Talaat I El-Emary**. **RSC advances**. 10(2), 845-850, **(2020). Royal Society of Chemistry**

8) [5-Carbohydrazide and 5-carbonylazide of pyrazolo[3,4-*b*]pyridines as reactive intermediates in the synthesis of various heterocyclic derivatives](https://journals.sagepub.com/doi/abs/10.1177/1747519819861625). Ashraf A Aly, **Talaat I El-Emary**, Aboul-Fetouh E Mourad, Zainab Khallaf Alyan, Stefan Bräse, Martin Nieger. Journal of Chemical Research. 43 (7-8), 219-229, **(2019)** . SAGE Publications

 [9) A facile synthesis and reactions of some novel pyrazole-based heterocycles](https://www.ingentaconnect.com/content/ben/cos/2019/00000016/00000003/art00008). Ahmed AO Abeed, **Talaat I El-Emary**, Mohamed SK Youssef. Current organic synthesis, 16(3), 405-412**, (2019)**. **Bentham Science Publishers**

10) [Synthesis of New Heterocycles from Reactions of 1‐Phenyl‐1*H*‐pyrazolo[3,4‐*b*]pyridine‐5‐carbonyl Azides](https://onlinelibrary.wiley.com/doi/abs/10.1002/jhet.3511). Ashraf A Aly**, Talaat I El‐Emary**, Aboul‐Fetouh E Mourad, Zainab Khallaf Alyan, Stefan Bräse, Martin Nieger. Journal of Heterocyclic Chemistry, 56(4), 1369-1375 **(2019)**

 [11) Corrigendum to: Synthesis of Tetracyclic Fused Quinolines via a Friedel–Crafts and Beckmann Ring Expansion Sequence](https://www.publish.csiro.au/ch/CH19363_CO). Hassan AK Abd El-Aal, **Talaat I El-Emary**. Australian Journal of Chemistry,72(12), 990-990 **(2019).** CSIRO PUBLISHING

12) A Facile Synthesis and Reactions of Some Novel Pyrazole-based Heterocycles. Ahmed Abdou O. Abeed; **Talaat I. El-Emary** and Mohamed Salah K. Youssef. Current Organic synthesis **16**, 3, 405-412 **(2019).** Bentham Science Publishers

13) New trend in carabazole based structure: Part 1: Synthesis and Characterization of Assorted Heterocycles Based 3-(9H- carbazol-9-yl)propane hydrazide as potential bioactive compounds. **Talaat I. El-Emary**, Hassan A. K. Abd El-Aal, Shaaban K. Mohamed. Journal of Int. J. Pharm. Sci. Rev. Res. 3) (International Journal of Pharmaceutical Sciences reviews and Research , 53(2), November - December 2018; Article No. 02, Pages: 7-14 **(2018).**

14) [Synthesis and Characterization of Assorted Heterocycles Based 3-(9Hcarbazol-9-yl) Propane Hydrazide](https://scholar.google.com.eg/citations?view_op=view_citation&hl=en&user=mzFwoI4AAAAJ&sortby=pubdate&citation_for_view=mzFwoI4AAAAJ:D03iK_w7-QYC)**. TI El-Emary**, H El-Aal, SK Mohamed. Chem. Sin 9, 588-598 **(2018).**

15)Anticancer and Anti-Inflammatory Activities of Some New Pyrazolo[3,4-*b*]pyrazines. Hussein El-Kashef; **Talaat I. El-Emary**; Pierre Verhaeghe; Patrice Vanelle and Maha Samy. Molecules 23(10):2657 **(2018).**

16) New pyrazolo[3,4-*b*]pyridines: Synthesis and antimicrobial Activity. **Talaat I** **El-Emary** and Shawkat A Abdel-Mohsen. Der Pharma Chemica **(2018),** 4 (10), 44-51

17) Crystal structure of 5-[2-(9 H -carbazol-9-yl)ethyl]-1,3,4-oxadiazole-2(3 H )-thione. Jim Simpson, Shaaban K. Mohamed, **Talaat I. El-Emary**, Mustafa R. Albayati. Acta Crystallographica Section E: Crystallographic Communications 07 **(2017)** ; 73(7):1066-1069.

18)Synthesis and evaluation of chromene-based compounds containing pyrazole moiety as antimicrobial agents. Mohamed Salah K. Youssef, Ahmed Abdou O. Abeed, **Talaat I. El-Emary**: Heterocyclic Communications **(2017);** 23(1): 55–64.

19)3-[2-(9H-Carbazol-9-yl) ethyl]-4-phenyl-1H-1, 2, 4-triazole-5 (4H)-thione dimethyl sulfoxide monosolvate. S. K Mohamed, J.T Mague, M. Akkurt, **TI El-Emary,** M. R Albayati. IUCrData, 1 (11), x161835 (**2016).**

20) 6-Amino-3-methyl-1-phenyl-1H-pyrazolo [3, 4-b] pyrazine-5-carboxamide. M Kaur, SK Mohamed, M Akkurt, JP Jasinski, **TI El-Emary**, MR Albayati. IUCrData 1 (11), x161742 (**2016).**

21) 3-(9H-Carbazol-9-yl) propanoic acid. M Kaur, SK Mohamed, M Akkurt, JP Jasinski, **TI El-Emary**, MR Albayati, IUCrData 1 (11), x161787 **(2016).**

22)4-Amino-3-[2-(9 H -carbazol-9-yl)ethyl]-1 H -1,2,4-triazole-5(4 H )-thione dimethyl sulfoxide monosolvate. Joel T. Mague, Shaaban K. Mohamed, Mehmet Akkurt**, Talaat I. El-Emary**, Mustafa R. Albayati 11/(**2016);** 1(11).

23)Synthesis, Anti-inflammatory and Antibacterial Activities of Novel Pyrazolo [4, 3-g] pteridines. SA Abdel-Mohsen**, TI El-Emary**, HS El-Kashef, Chemical and Pharmaceutical Bulletin 64 (5), 476-482 **(2016).**

24)A facile one-pot synthesis of novel 1-substituted 2-(8-hydroxyquinolin-5-yl)-1, 5, 6, 7-tetrahydro-6, 6-dimethyl-4H-indol-4-one derivatives. S. Abdel-Mohsen, **T. El-Emary**. ARKIVOC 4, 184-192 **(2016).**

25) Synthesis and preliminary biological screening of 6-aminopyrazolo[3,4-b]pyridine derivatives. Hajjaj H. M. Abdu-Allah and **Talaat I. El-Emary**. Der Pharma Chemica, 8(16):9-16, **(2016)**.

26)Synthesis of some new pyridines, thienopyridines and pyridothieno- pyrimidines bearing 1, 3-diphenyl-1H-pyrazole moiety. EA Al-Taifi, EA Thabet, EA Bakhite, **TI El-Emary**. AshEse Journal of Physical Science, Vol. 2(1), pp. 033-041**,(2016).**

27)Crystal structure of 3-(9H-carbazol-9-yl)-N′-[(*E*)-4-chlorobenzylidene] propanohydrazide. M Akkurt, JP Jasinski, SK Mohamed, **TI El-Emary**, MR Albayati. Acta Crystallographica Section E: Crystallographic Communications 71,12, o937-o938 (**2015).**

28)Crystal structure of 3-methyl-1-phenyl-6-propylamino-1H-pyrazolo [3, 4-b] pyridine-5-carbonitrile. JP Jasinski, M Akkurt, SK Mohamed, HHM Abdu-Allah, MR Albayati. , **TI El-Emary**. Acta Crystallographica Section E: Crystallographic Communications 71 (10), o766-o767**, (2015).**

29) Crystal structure of N-[(8E)-12-methyl-14-phenyl-10, 13, 14, 16-tetraazatetracyclo [7.7. 0.02, 7.011, 15] hexadeca-1 (16), 2, 4, 6, 9, 11 (15), 12-heptaen-8-ylidene. SK Mohamed, JT Mague, M Akkurt, **TI El-Emary**, MR Albayati. Acta Crystallographica Section E: Crystallographic Communications 71 (2) o75-o76 **(2014).**

30)Crystal structure of 5-(4, 5-dihydro-1H-imidazol-2-yl)-3-methyl-1-phenyl-1H-pyrazolo [3, 4-b] pyrazin-6-amine. JT Mague, SK Mohamed, M Akkurt, **TI El-Emary**, MR Albayati. Acta Crystallographica Section E: Structure Reports Online 70 (11), o1212-o1213 **(2014).**

31) Crystal structure of ethyl (2Z)-2-cyano-3-[(3-methyl-1-phenyl-1H-pyrazol-5-yl) amino] prop-2-enoate. JT Mague, SK Mohamed, M Akkurt, **TI El-Emary,** MR Albayati. Acta Crystallographica Section E: Structure Reports Online 70 (11), o1214-o1215 **(2014).**

32)Crystal structure of 3-methyl-1-phenyl-5-(1H-pyrrol-1-yl)-1H-pyrazole-4-carbaldehyde. JT Mague, SK Mohamed, M Akkurt, **TI El-Emary**, MR Albayati. Acta Crystallographica Section E: Structure Reports Online 70 (10), o1131-o1132 **(2014).**

33)Synthesis, characterization and antimicrobial activity of novel pyrazolo [3, 4-b] pyridines and their spiro-heterocyclic derivatives. SA Abdelmohsen, **TI El Emary**. Journal of Advances in Chemistry 10 (7), 2901-2915 **(2014).**

34)Efficient synthesis, characterization and biological evaluation of some new atophan carbohydrazide derivatives Journal of Chemical and Pharmaceutical Research, 2014, 6 (12): 90-99. HAKA El-Aal, **TI El-Emary**. Journal of Chemical and Pharmaceutical Research 6 (12), 90-99 **(2014).**

35)A Facile Method for the Synthesis of Hydrazine‐4‐oxothiazolidine and Imino‐5‐oxothiadiazine Derivatives from 1, 4‐Disubstituted Thiosemicarbazides. AA Hassan, AA Aly, TIM Bedair, AB Brown, **TI El‐Emary.** Journal of Heterocyclic Chemistry 51 (1), 44-49 **(2014).**

36) Recent Report on Thieno[2,3‐*d*]pyrimidines. Their Preparation Including Microwave and Their Utilities in Fused Heterocycles Synthesis. AA Aly, EA Ishak, M Ramadan, MO Germoush, **TI El‐Emary**. Journal of Heterocyclic Chemistry 50 (3), 451-472 **(2013).**

37)First synthesis and biological evaluation of indeno [2, 1-*e*] pyrazolo [3, 4-*b*] pyrazin-5-one and related derivatives. **T El-Emary,** H El-Kashef. European journal of medicinal chemistry 62, 478-485 **(2013).**

38)Infrared, Raman and NMR spectra, conformational stability, normal coordinate analysis and B3LYP calculations of 5-Amino-3-methyl-1-phenyl-1H-pyrazole-4-carbaldehyde. K Bahgat, **T El-Emary** . Journal of Molecular Structure 1034, 325-335 **(2013).**

39)Multi-Component One-Pot Synthesis and Antimicrobial Activities of 3-Methyl-1,4-diphenyl-7-thioxo-4,6,8,9-tetrahydropyrazolo[5,4-*b* ]pyrimidine [5,4-e]pyridine-5-one and Related Derivatives. **TI El-Emary**, SAA El-Mohsen. Molecules 17 (12), 14464-14483 **(2012).**

40)Modern Friedel-Crafts chemistry. Part 35. New synthetic approach to substituted indolo [2, 1-α][2] benzazepines and indolo [2, 1-α] isoquinolines via Friedel-Crafts . A El-Aal, AK Hassan, AA Khalaf, **TI El-Emary.** ARKIVOC 9, 122-135, **(2012).**

41)New tandem cyclo‐ and/or addition reactions between N‐arylisoindolines with benzyne and dimethyl acetylenedicarboxylate. AA Aly, AA Hassan, KM El‐Shaieb, **TI El‐Emary**. Journal of Heterocyclic Chemistry 47 (5), 1079-1083**,(2010)**

42) Friedel-Crafts alkylation of benzene with 1, 2-diphenyl-2-propanol, 1-chloro-2, 3-diphenylpropane and 2-methyl-1-phenyl-2-butanol. AA Khalaf, IM Awad, **TI El-Emary,** E Abd, HAK Aal. Journal of the Indian Chemical Society 87 (5), 595-600 **,(2010).**

43)Synthesis, characterization and thermal studies of new polyhydrazides and its poly-1, 3, 4-oxadiazoles based on dihydro-9, 10-ethanoanthracene in the main chain. KI Aly, AS Abd-El-Warth, **TI El-Emary.** Arabian Journal of Chemistry 3 (1), 61-68 **,(2010).**

44) Friedel-Crafts Alkylation of Benzene with 1,2-Diphenyl-2-propanol, 1-Chloro-2,3-diphenyl- propane and 2-Methyl-1-phenyl-2-butanol, A. A Khalaf , I. M Awad, **T. I. El-Emary** and H A K Abd El-Aal. J. Indian Chem. vol. 87, pp. 595-600**,( 2010).**

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