

Curriculum Vitae of Prof. Dr. Ashraf Abd El-Moneim Aly Shehata



Chemistry Department, Faculty of Science, Organic Division,
[Minia University](#), 61519-El-Minia, Egypt. Tel: +201006268742

Vice Dean for Community Service and Environmental Development
(Egyptian Encouragement State's Prize in Organic Chemistry, 2004).

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Editorial Board in: 1. Organic Chemistry International

(OCI):<http://www.hindawi.com/72878914.html>

2. Arkivoc:<http://www.arkat-usa.org/arkivoc-journal/members-editorial-board-of-referees/http://www.eupc.edu.eg/ComMembersJudges.aspx>

and American Chemical Society.

Referee in many international sound journals; Online: SciEP Journal Review Form:

https://www.webmedcentral.com/wmc_editor_details/221 World Journal of Organic

Chemistry: Editorial Board; <http://www.sciepub.com/journal/WJOC/EditorialBoard>

Bio-Data

- **B.Sc.:** in Chemistry in June-1984 (Excellent with the first honor) Minia University, Faculty of Science, El-Minia, Egypt.
- **M.Sc.:** in the field of Natural Products in 30-4-1988, Minia University, Faculty of Science, El-Minia, Egypt.
- **Ph.D.:** in the field of Cyclophane, worked with Prof. Dr. Henning Hopf in the period of 25-10-1991 until 31-10-1993.
- **Demonstrator:** Chemistry Department, Faculty of Science, Minia University, El-Minia, Egypt (7-10-1984).
- **Assistant Lecturer:** Chemistry Department, Faculty of Science, Minia University, El-Minia, Egypt (31-5-1988).

- **Lecturer:** Chemistry Department, Faculty of Science, Minia University, El-Minia, Egypt (30-4-1994). During this period, I spent with Prof. Dr. Henning Hopf in the period from 28-11-1997 until 31-1-1999.
- **Assistant Professor:** in Chemistry Department, Faculty of Science, Minia University, El-Minia, Egypt (27-06-2000).
- **Professor:** I have been awarded the degree of Prof in Chemistry Department, Faculty of Science, Minia University, El-Minia, Egypt (27-08-2005).
- **Vice Dean for Community Service and Environmental Development** from 08/2020 till 08/2022.

Prizes and Awards

- Praising and acknowledged by Shoman foundation for my research and my list of publications at 22-May 2007
- Awarded from the Academy of Science and Technology, Cairo, Egypt "The State's Encouragement National Prize in Chemistry (2004)". This prize has been given to the best organic researcher scientist in this year. `
- Awarded a scientific grant to be a scientific visitor to Braunschweig, Germany, Prof Dr H. Hopf to do research during the period from 28-11-1997 until 31-1-1999.
- Awarded DAAD scholarship for two months from 12 August 2005 till 12 October 2005 with Prof Dr Henning Hopf, Institute of Organic Chemistry, TU-Braunschweig University, Braunschweig, Germany
- Awarded three months of DFG Fellowship by Prof Stefan Braese, Institute of Organic Chemistry, Karlsruhe University, Karlsruhe, Germany in 2015-2016 (from 1st August 2015 till 1st October 2015).
- Awarded two months of fellowship by 3-MET Society at the location Karlsruhe (KIT). Geschaeftsstelle SFB TAA 88 3-MET. Director Manager: Prof Dr. Marc Heinrich Prosenc at Karlsruhe University, Institute of Organic Chemistry, Karlsruhe University, Karlsruhe, Germany July 1st till September 1st 2017

- Awarded three months of DFG Fellowship by Prof Stefan Braese, Institute of Organic Chemistry, Karlsruhe University, Karlsruhe, Germany from 2nd July till 2nd October 2019.
 - University Encouragement Prize in Basic Sciences 2019
 - Awarded the approval of our Department of Human Resources at KIT, a two-month contract (E 13 or related) at Karlsruhe University, Institute of Organic Chemistry, Karlsruhe University, Karlsruhe, Germany in 01/08/2022 to 31/09/2022
 - Awarded a channel system program to complete my PhD program under the supervision of Prof Dr Henning Hopf, in the field of cyclophane chemistry, in the period of 25-10-1991 until 31-10-1993, Braunschweig University, Institute of Organic Chemistry, Germany.
 - Awarded by the university as a visitor Prof and teach organic courses (undergraduate and postgraduate) in Sultan of Oman (2001-2003).
 - Awarded by the university as a visitor Prof and teach organic courses (undergraduate and postgraduate) to Saudi Arabia (2008-10/07/2013)
-

Books and Chapters

- 1- **A Book entitled:** N-Sulfonated-N-Heterocycles. Synthesis, Chemistry, and Biological Applications. Galal Elgemeie, Rasha Azzam, Wafaa Zagahary, **Ashraf A. Aly**, Nadia Metwally, Mona Sarhan, Elshimaa Abdelhafez, Rasha Elsayed. **26/08/2022, First edition, pp 1-470, Elsevier.** eBook ISBN: 9780128221822
<https://www.elsevier.com/books/n-sulfonated-n-heterocycles/elgemeie/978-0-12-822179-2>
- 2- **Chapter....**Quinolones as prospective drugs: Their syntheses and biological applications
 Ashraf A. Aly, Mohamed Ramadan, Gamal El-Din A. Abuo-Rahma, Yaseen A. M. M. Elshaier, Mohamed A. I. Elbastawesy, Alan B. Brown, Stefan Bräse, Stefan. **Journal:** *Advanced Heterocyclic Chemistry*. **2020** (in press).
<https://doi.org/10.1016/bs.aihch.2020.08.001>.
- 3- **Chapter 3:** Indazoles: Synthesis and Bond-Forming Heterocyclization. **Authors:** Alaa A. Hassan, **Ashraf A. Aly**, Hendawey Tawfeek. **Journal:** *Advances in Heterocyclic Chemistry*

- 2018, 125, 235. **Impact Factor: 3.308. Cited by: (Google Scholar). ISSN 0065-2725.**
<http://dx.doi.org/10.1016/bs.aihch.2016.11.001>
- 4- **Chapter 3:** Synthesis of heterocycles from amidrazones”. **Authors:** Ashraf A Aly, Mohamed Ramadan, Hazem M. Fathy. **Journal:** *Advances in Heterocycl. Chem.* **2017**, 122, 115-139. **Impact Factor: 3.308. Cited by: 1 (Google Scholar). ISSN 0065-2725.**
<http://dx.doi.org/10.1016/bs.aihch.2016.11.001>.
- 5- **Chapter 4:** Heterocycles from donors-acceptors interactions. **Authors:** Ashraf A Aly and Alaa A. Hassan. **Journal:** *Advanced Heterocyclic Chemistry.* **2014**, 112, 145-181. **Impact Factor: 3.308. Cited by: 4 (Google Scholar). ISSN 0065-2725.**
<http://dx.doi.org/10.1016/B978-0-12-800171-4.00004-4>.
- 6- **Chapter 5:** Heterocycles from the reaction of thione groups with acetylenic bonds. **Authors:** Ashraf A Aly, Alan B. Brown and Alaa A. Hassan. **Journal:** *Advances Heterocyclic Chemistry.* **2014**, 113, 245-305. **Impact Factor: 3.308. Cited by: 6 (Google Scholar). ISSN 0065-2725.** <http://dx.doi.org/10.1016/B978-0-12-800170-7.00005-5>
- 7- **A book** entitled N-Sulfonated-N-Heterocycles: Synthesis, Chemistry, and Biological Applications. By Galal H. Elgemeie, Rasha A. Azzam, Wafaa A. Zagahary, Ashraf A. Aly, Nadia H Metwally, Mona O. Sarhan, Elshimaa M. Abdelhafez, Rasha E. Elsayed. **Publisher:** Elsevier, 1st Ed. No of pages: 518. **Paperback ISBN:** 9780128221792. **eBook ISBN:** 9780128221822

Contribution to Conferences and Workshops

- 1- A. A. Hassan, A. A. Aly, N. K. Mohamed and A. E. Mourad (1996), 5th IBN SINA International Conference on Pure and Applied Heterocyclic Chemistry, Cairo, Egypt, December 1995, Oral 41.
- 2- A. A. Aly, A. E. Mourad, K. M. El-Shaieb and H. Hopf (2000), 2nd International Conference on Basic Sciences and Advanced Technology, Assiut, Egypt, November 2000, Oral 311.
- 3- A. A. Aly, H. Hopf, P. R. Jones, I. Dix (2000), 7th IBN SINA International Conference on Pure and Applied Heterocyclic Chemistry, Cairo, Egypt, March 2000, Oral 19.
- 4- A. A. Aly, A. E. Mourad, A. A. Hassan, N. K. Mohamed and B. A. Ali (2001), 6th International Conference on Chemistry and its Role in Development, Mansoura, Egypt, April 2001.

- 5- **A. A. Aly** (2004), 9th IBN SINA International Conference on Pure and Applied Heterocyclic Chemistry, Cairo, Egypt, December 2004, Oral 11.
- 6- **A. A Aly**, TAIBAH INTERNATIONAL CHEMISTRY CONFERENCE – 2009. Poster 590.
CONVENTIONAL AND MICROWAVE IRRADIATION ASSISTED
SYNTHESIS OF NEW 1,2,4-TRIAZEPINE-3-THIONES. Ashraf A. Aly, Alaa A Hassan, Essmat M. El-Sheref, Mamdouh A. Mohamed and Alan B. Brown.
- 7- The seventh workshop by the faculty of education for staff qualification in Minia University.
- 8- **The workshop (P4) which was held for staff development and leadership (FLDP) in 30- to 1-12-1994.**
- 9- **FLDP workshop (L4) “Legal aspects in Universities” 21- to 23-05-2006.**
9. A workshop for attending program (Developing Research Abilities: Idea Formulation and Research Management) which was held at AlJouf University for one day on 10 October 2012. Workshop was organized by King Abdulaziz City for Science and Technology.
10. 2nd International Conference on Applied Chemistry (ICAC-2). Hurghada, Egypt, November 25-28, 2017. <http://isac-chem.sohag-univ.edu.eg/> Poster under title “Reaction of hydrazinocarbothioamides with 2-bis(methylthio)methylene)-malononitrile and ethyl 2-cyano-3,3-bis(methylthio)acrylate. **Ashraf A. Aly**, Alaa A. Hassan, Nasr K. Mohamed, Stefan Bräse, Martin Nieger
Collaborative Research Centre 3MET/TRR88 (Kaiserlautern/KIT, Germany)

Supervision of Theses

- أ- 13 رسالة ماجستير منهم 10 داخل كلية العلوم-قسم الكيمياء- جامعة المنيا ورسالة من كلية الصيدلة- قسم الكيمياء الطبية- جامعة المنيا ورسالة من كلية العلوم- قسم الكيمياء جامعة أسوان- ورسالة من كلية الصيدلة – جامعة الأزهر فرع أسيوط.
- ب- 13 رسالة دكتوراه منهم 9 داخل كلية العلوم-قسم الكيمياء- جامعة المنيا ورسالتين من جامعة المنيا- كلية الصيدلة ورسالتين من جامعة الأزهر- فرع أسيوط- كلية الصيدلة.

المنح ومناقشة الرسائل (14 رسالة)

أ- تم منح 10 رسائل ماجستير و 6 رسائل دكتوراه

لجان مناقشة خارج الجامعة

تمت مناقشة رساله ماجستير يوم 2018-11-12 جامعه أسيوط- كلية العلوم- قسم الكيمياء (مرفق طيه خطاب

(الدعوه)

M.Sc. Students:

No	Name	Address	Date of Registration	Date of Awarded
1	Esmaat M. Shehata عصمت محمد شحاته	Minia University, Faculty of Science, Chemistry Department	06/12/2004	23/01/2008
2	Mehwad Mahmoud Ahmed مهاود محمد أحمد	Minia University, Faculty of Science, Chemistry Department	17/05/2004	26/08/2008
3	El-Shaimaa S. M. AbdEl- Latief الشيما سميير محمد عبد اللطيف	Minia University, Faculty of Science, Chemistry Department	08/10/2013	28/08/2018
4	Fatmaa M. Nemr فاطمه محمد نمر محمد	Minia University, Faculty of Science, Chemistry Department	08/10/2013	29/08/2017
5	Mamdouh Ahmed Mohamed ممدوح أحمد محمد السيد	Minia University, Faculty of Science, Chemistry Department	21/10/2002	26/01/2010
6	Khalad M. Ibrahim خالد محمد ابراهيم	Minia University, Faculty of Science, Chemistry Department	13/01/2003	24/07/2007
7	Tarek M. Ismail طارق مسعد اسماعيل بدير	Minia University, Faculty of Science, Chemistry Department	21/05/2007	30/11/2010
8	Zanaib K. Alyan زينب خلاف عليان	Minia University, Faculty of Science, Chemistry Department	08/10/2013	2019
9	Hazem M. Fathy حازم محمد فتحي	Al-Azhar University, Faculty of Pharmacy, Assiut Branch, Organic Pharmacy Department	22/10/2013	29/11/2016
10	Eman Ahmed Mahmoud Bishr ايمان أحمد محمود بشر	Minia University, Faculty of Pharmacy, Medicinal Chemistry	16/04/2000	24/09/2002

11	Amira Essam Ahmed أميره عصام أحمد	Aswan University, Faculty of Science, Chemistry Department	22/09/2016	Not yet
12	Esraa M. Osman اسراء محمود عثمان	Minia University, Faculty of Science, Chemistry Department	15/10/2018	Not yet
13	Eman Mahr ايمان ماهر	Minia University, Faculty of Science, Chemistry Department	15/10/2018	Not yet

PhD Students:

1	Magda S. Fahmi ماجده صلاح فهمي	Minia University, Faculty of Science, Chemistry Department	22/12/2003	30/06/2008
2	Bahaa A-M. Aly بهاء عبد الملك علي	Minia University, Faculty of Science, Chemistry Department		28/10/2003
3	Eman B. Ahmed ايمان أحمد محمود بشر	Medicinal Chemistry, Faculty of Pharmacy, Minia University	01/06/2003	25/11/2008
4	Mohamed R. Eisa محمد رمضان عيسى	Assistant Lecturer of Medicinal Chemistry, Faculty of Pharmacy, Minia University	31/07/2006	26/01/2010
5	Hazem M. Fathy حازم محمد فتحي	Assistant Lecturer of Al-Azhar University, Faculty of Pharmacy, Assiut Branch, Organic Pharmacy Department	14/11/2017	Not Yet
6	Mohammed Abdelrhman Ibrahim Ali محمد عبد الرحمن ابراهيم	Assistant Lecturer of Al-Azhar University, Faculty of Pharmacy, Assiut Branch, Organic Pharmacy Department	24/01/2017	Not Yet
7	Momtaz El-Sayed Mohamed Bakheet ممتاز السيد محمد بخيت	Minia University, Faculty of Science, Chemistry Department	14/09/2015	Not Yet
8	Amal S. Abd El-Aal أمل سعد عبد العال عبد اللطيف	Minia University, Faculty of Science, Chemistry Department	15/02/2016	Not Yet
9	Maysa, M. Makhoulouf مايسه محسون عبد الرحمن	Minia University, Faculty of Science, Chemistry Department	15/02/2016	Not Yet
10	Ahmed Tantawy Abd Al-Aziz أحمد طنطاوي عبد العزيز علي	Minia University, Faculty of Science, Chemistry Department	19/02/2017	Not Yet

11	Hendawy N Tawfeek هنداوي نجاتي توفيق	Minia University, Faculty of Science, Chemistry Department	15/02/2016	Not Yet
12	Lamiaa Elsayed Abd El-Haleem Farahat لمياء السيد عبد الحليم فرحات	Assistant Lecturer of Minia University, Faculty of Science, Chemistry Department	19/09/2016	Not Yet المشرف الرئيسي- بعثه داخلية – ألمانيا- جامعه كارل سروه
13	Sageda Ali Gedamay Naser سجیده علي جامدي ناصر	Assistant Lecturer of Minia University, Faculty of Science, Chemistry Department	14/10/2019	Not Yet
14	Mai Mohamed Rab	Assistant Lecturer of Minia University, Faculty of Science, Chemistry Department		

Publications

2024

214. Title: Synthesis, Characterization, and Molecular Modeling Studies of Novel Indenopyridazine-Thiazole Molecular Hybrids. **Authors:** Jehan Y. Al-Humaidi, Sobhi M. Gomha, AbdElAziz A. Nayl, **Ashraf A. Aly**, Mahmoud A. A. Ibrahim, Magdi E. A. Zaki, Stefan Braise and Reda A. Haggam. **Journal:** *Curr. Org. Chem.* **2024** (in press).

213. Title: Catalytic syntheses of pyrano[3,2-c]quinolone and -quinoline derivatives and their potential therapeutic agents. **Authors:** **Ashraf A Aly**, Hisham A. Abd El-Naby, Essam Kh. Ahmed, Raafat M. Shaker, Sageda A. Gedamy, Mohammed B. Alshammari, Akil Ahmad, Stefan Bräse. **Journal:** *Curr. Org. Chem.* **2024** (in press).

212. Title: Microwave-assisted synthesis of 2,5-dioxo-pyrano[3,2-c]quinoline-3-carboxylates and their investigation as antiproliferative agents targeting EGFR and/or BRAFV600E. **Ashraf A. Aly**, Hisham A. Abd El- Naby, Essam Kh. Ahmed, Raafat M. Shaker, Sageda A. Gedamy1 · Bahaa G. M. Youssif, Hesham A. M. Gomaa, Olaf Fuhr, Alan B. Brown, Mahmoud A. A. Ibrahim, Lamiaa E. Abd El- Haleem. **Journal:** *Chem. Pap.* **2024** (in press).

211. Title: Synthesis of bis-thiohydantoin derivatives as an antiproliferative agents targeting EGFR inhibitory pathway. **Authors:** Alaa A. Hassan, **Ashraf A. Aly**, Mohamed Ramadan, Nasr K. Mohamed, Bahaa G. M. Youssif, Hesham A. M. Gomaa, Stefan Bräse, Martin Nieger & Amal S. Abd El-Aal. **Journal:** *Mol. Diversity* **2024**, 28, 1249–1260.

210. Title: New imidazole-2-thiones linked to acenaphthylenone as dual DNA intercalators and topoisomerase II inhibitors: structural optimization, docking, and apoptosis studies. **Authors:** Asmaa H. Mohamed, Mohammed B. Alshammari, Ashraf A. Aly, Kamal U. Sadek, Akil Ahmad, Eman A. Aziz, Amira F. El-Yazbi, Eman J. El-Agroudy and Marwa E. Abdelazi. **Journal:** *J. Enz. Inhib. & Med. Chem.* **2024**, 39(1), 2311818

209. Title: Synthesis and characterization of new palladium (II) and silver (I) thiosemicarbazone derived by acenaphthenequinone complexes and their antimicrobial Activity. **Authors:** Ashraf A. Aly, Elham M. Abdallah, Salwa A. Ahmed, Mai M. Rabee, Olaf Fuhr, M. A. A. Ibrahim, Hayat A. Alzahrani, G. M. Youssif. **Journal:** *Polyhedron* **2024**, 251, 116851.

208. Title: Facile synthesis of new thiazinanones derived by acenaphthylenone. **Authors:** Ashraf A. Aly, K. U. Sadek, M. B. Alshammari, A. Ahmad, E. A. Aziz, A. B. Brown, A. H. Mohamed. **Journal:** *J. Sulf. Chem.* **2024**, 45(2), 173-183.

2023

207. Title: Synthesis and Antiproliferative Potential of Thiazole and 4-Thiazolidinone Containing Motifs as Dual Inhibitors of EGFR and BRAFV600E. **Authors:** Alaa A. Hassan, N. K. Mohamed, Ashraf A. Aly, M. R. Hassan, H. A. M. Gomaa, A. T. Abdel-Aziz, B. G. M. Youssif, Stefan Bräse. Olag Fuhr. **Journal:** *Molecules* **2023**, 28(24), 7951

206. Title: Design, synthesis, docking and mechanistic studies of new thiazolyl/thiazolidinylpyrimidine-2,4-dione antiproliferative agents. **Authors:** Ashraf A. Aly, Mohammed B. Alshammari, Akil Ahmad, Hesham A. M. Gomaa, Bahaa G. M. Youssif, Stefan Bräse, Mahmoud A. A. Ibrahim, Asmaa H. Mohamed. **Journal:** *Arabian J. Chem.* **2023**, 16(4), 104612.

205. Title: Facile synthesis of 5-aminopyrazolo-quinolones. **Authors:** M. A. I. Elbastawesy, Ashraf A. Aly, Y. A. M. M. El-Shaier, A. B. Brown, G. E.-D. Abuo-Rahma, M. Samir, M. Ramdan. **Journal:** *Monatshefte für Chemie - Chemical Monthly.* **2023**, 154, 1197–1204.

204. Title: Transition Metal Complexes of Thiosemicarbazides, Thiocarbohydrazides, and Their Corresponding Carbazones with Cu(I), Cu(II), Co(II), Ni(II), Pd(II), and Ag(I)—A Review. **Authors:** Ashraf A. Aly, Elham M. Abdallah, Salwa A. Qassem, Mai M. Rabee, Stefan Bräse. **Journal:** *Molecules* **2023**, 28(4), 1808.

203. Title: Novel quinoline/thiazinan-4-one hybrids; design, synthesis, and molecular docking studies as potential anti-bacterial candidates against MRSA. **Authors:** Asmaa H. Mohamed, Sara M. Mostafa, Ashraf

A. Aly, Alaa A. Hassan, Esraa M. Osman, AbdElAziz A. Nayl, Alan B. Brown and Elshimaa M. N. Abdelhafez. **Journal: Journal: RSC advances** **2023**, 14631 – 14640

202. Title: Recent synthetic strategies of spiro-azetidin-2-one, -pyrrolidine, -indol(one) and -pyran derivatives- A review. **Authors:** M. B. Alshammari, **Ashraf A. Aly**, A. Ahmad, A. B. Brown, A. H. Mohamed. **Journal: RSC advances** **2023**, 13, 32786 - 32823

201. Title: Synthesis of Ni-Fe-CO₃ layered double hydroxide as effective adsorbent to remove Cr (VI) and ARS-dye from aqueous media. **Authors:** I. M. Ahmed, A. I. Abd-Elhamid, **Ashraf A. Aly**, S. Bräse, Stefan; A. A. Nayl. **Journal: Environmental Technology & Innovation.** **2023**, 31, 103214.

200. Title: Metal complexes of new thiocarbohydrazones of Cu(I), Co(II), and Ni(II); Identification by NMR, IR, Mass, UV Spectra, and DFT Calculations. **Authors:** **Ashraf A Aly**, Elham M. Abdallah, Salwa A. Ahmed, Mohamed K. Awad, Mai M. Rabee, Sara M. Mostafa and Stefan Bräse. **Journal: J. Sulfur Chem.** **2023**, 4(3), 282-303. **Chemistry (miscellaneous) (Q3).**

199. Title: A novel P@SiO₂ Nano-composite as Effective Adsorbent to Enhance the Removal of MB-Dye from Aqueous Solution. **Authors:** AbdElAziz A. Nayl, Ahmed I. Abd-Elhamid, Wael A. A. Arafa, Ismail M. Ahmed, Aref M. E. Abdel-Rahman, Hesham M. A. Soliman, Mohamed A. Abdelgawad, Hazim M. Ali, **Ashraf A. Aly**, Stefan Bräse. **Journal: Materials**, **2023**, 16(2), 514 **Chemistry (Q1)**

198. Title: X-ray Structure Analyses of 4-Hydroxy-1-Methylquinolin-2(1H)-One, 6-Ethyl-4-Hydroxy-2 H-Pyrano[3,2-c]Quinoline-2,5(6H)-Dione, (E)-4-(2-Benzylidene-Hydrazineyl)Quinolin-2(1H)-One and Diethyl (E)-2-(2-(1-Methyl-2-Oxo-1,2-Dihydro-Quinolin-4-yl)Hydrazineylidene)Succinate. **Authors:** **Ashraf A. Aly**, Martin Nieger, Stefan Bräse, Momtaz E. M. Bakheet. **Journal: J. Chem. Crystallography** **2023**, 53, 38-49. <https://doi.org/10.1007/s10870-022-00939-z>. **Chemistry (Q4).**

197. Title: Potential protective effect of 3,3'-methylenebis(1-ethyl-4-hydroxyquinolin-2(1H)-one) against bleomycin-induced lung injury in male albino rat via modulation of Nrf2 pathway: biochemical, histological, and immunohistochemical study. **Authors:** Sara Mohamed Naguib Abdel Hafez;, Entesar Ali Saber; Neven Makram Aziz; Maha Yehia Kamel; **Ashraf A Aly**; El-Shimaa M N Abdelhafez; Manar Fouli Gaber Ibrahim. **Title: Naunyn Schmiedebergs Arch Pharmacol** **2023**, 396, 771-788.

2022

196. Title: Design and synthesis of new thiazolidinone/uracil derivatives as antiproliferative agents targeting EGFR and/or BRAFV600E. **Authors:** Mohammed B. Alshammari, **Ashraf A. Aly**, Bahaa G. M. Youssif, Stefan Bräse, Akil Ahmad, Alan B. Brown, Mahmoud A. A. Ibrahim, Asmaa H. Mohamed. **Journal: Frontiers in Chemistry.** **2022**, 10, 1076383.

195. N-Sulfonated-N-Heterocycles. Synthesis, Chemistry, and Biological Applications. Galal Elgemeie, Rasha Azzam, Wafaa Zagahary, **Ashraf A. Aly**, Nadia Metwally, Mona Sarhan, Elshimaa Abdelhafez, Rasha Elsayed. **26/08/2022, First edition, pp 1-470, Elsevier.** eBook ISBN: 9780128221822.

<https://www.elsevier.com/books/n-sulfonated-n-heterocycles/elgemeie/978-0-12-822179-2>

194. Title: Metal complexes of thiosemicarbazones derived by 2-quinolones with Cu(I), Cu(II) and Ni(II); Identification by NMR, IR, ESI mass spectra and *in silico* approach as potential tools against SARS-CoV-2. Authors: **Ashraf A. Aly**, Elham M.Abdallah, Salwa A.Ahmed, Mai M.Rabee, El-Shimaa M.N.Abdelhafez. **Journal:** *J. Molecular Structure*. **2022**, 1265, 133480. <https://doi.org/10.1016/j.molstruc.2022.133480>.

Organic Chemistry (Q2)

193. Title: Synthesis and Identification of New N,N-Disubstituted Thiourea, and Thiazolidinone Scaffolds Based on Quinolone Moiety as Urease Inhibitor. **Authors:** Yaseen AMM Elshaier, Ashraf A. Aly, Mohamed Abd El-Aziz, Hazem M. Fathy, Alan B. Brown, Stefan Bräse, Mohamed Ramadan. **Journal:** *Molecules* **2022**, 27 (20), 7162.

192. Title: High-Pressure Metal-Free Catalyzed One-Pot Two-Component Synthetic Approach for New 5-Arylazopyrazolo[3,4-b]Pyridine Derivatives. **Authors:** AbdElAziz A. Nayl, Hamada Mohamed Ibrahim, Kamal M. Dawood, Wael A. A. Arafa, Ahmed I. Abd-Elhamid, Ismail M. Ahmed, Mohamed A. Abdelgawad, Hazim M. Ali, Ibrahim Hotan Alsohaimi, **Ashraf A. Aly**, Stefan Bräse, and Asmaa Kamal Mourad. **Journal:** *Molecules*, **2022**, 27 (19), 6369; <https://doi.org/10.3390/molecules27196369> **Chemistry (Q2)**

191. Title: Copper Complexes of 1,4-Naphthoquinone Containing Thiosemicarbazide and Triphenylphosphine Oxide Moieties; Synthesis and Identification by NMR, IR, Mass, UV Spectra, and DFT Calculations. **Authors:** Mohammed B. Alshammari, **Ashraf A. Aly**, Stefan Bräse, Martin Nieger, Mahmoud A. A. Ibrahim, Lamiaa E. Abd El-Haleem. **Journal:** *ACS OMGA* **2022**, 7, 38, 34463–34475. <https://doi.org/10.1021/acsomega.2c04113>. **Chemistry (Q2)**

190. Title: Evaluation of the Binding Relationship of the RdRp Enzyme to Novel Thiazole/Acid Hydrazone Hybrids Obtainable through Green Synthetic Procedure. **Authors:** Jehan Y. Al-Humaidi, Mohamed G. Badrey, **Ashraf A. Aly**, AbdElAziz A. Nayl, Mohie E. M. Zayed, Ohoud A. Jefri, Sobhi M. Gomha. **Journal:** *Polymers* **2022**, 14(15), 3160; <https://doi.org/10.3390/polym14153160>. **Chemistry (Q1)**

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