

Recent research papers published in 2018/2019

م	إسم البحث المؤلف جهة النشر
1	Walaa M. El-Husseiny, Magda A.-A. El-Sayed, Naglaa I. Abdel-Aziz, Adel S. El-Azab, Esam R. Ahmed, and Alaa A.-M. Abdel-Aziz "Synthesis, antitumor and antioxidant activities of novel α,β -unsaturated ketones and related heterocyclic analogs: EGFR inhibition and molecular modeling study". Journal of enzyme inhibition and medicinal chemistry 2018: 33 (1) 507-518.
2	Almatary AM, Elmorsy MA, El Husseiny WM, Selim KB, El-Sayed MA "Design, synthesis, and molecular modeling of heterocyclic bioisostere as potent PDE4 inhibitors". Arch Pharm Chem Life Sci. 2018; 351: e1700403.
3	El-Azab AS, Abdel-Aziz AA, Abou-Zeid LA, El-Husseiny WM, El Morsy AM, El-Gendy MA, El-Sayed MA "Synthesis, antitumor activities and molecular docking of thiocarboxylic acid ester-based NSAID scaffolds: COX-2 inhibition and mechanistic studies". Journal of enzyme inhibition and medicinal chemistry 2018: 33 (1) 989-998.
4	El-Husseiny WM, El-Sayed MA, Abdel-Aziz NI, El-Azab AS, Asiri YA, Abdel-Aziz AA "Structural alterations based on naproxen scaffold: Synthesis, evaluation of antitumor activity and COX-2 inhibition, and molecular docking". European Journal of Medicinal Chemistry, 2018 (158): 134-143.
5	Ola A. Abdelaziz, Walaa M. El Husseiny, Khalid B. Selim, Hassan M. Eisa "Dihydrofolate reductase inhibition effect of 5-substituted pyrido[2,3-d]pyrimidines: synthesis, antitumor activity and molecular modeling study". Journal of Bioorganic Chemistry, 2019.
6	TRAGETING BREAST CANCER: SYNTHESIS, 3D NMR BINDING AND MOLECLR MODELING STUDY OF NEW BENZIMIDAZOLE DERIVATIVES Samira Nashaat a, Hassan Eisa a Morkos Henen a, Shahenda El-Messery 2nd International Pharma Conference (IPC 2018) Helwan University Faculty of Pharmacy, Cairo AirDefense House, 11-12 Sept., 2018
7	Synthesis and Molecular docking study of new benzofuran derivatives as anticancer agents Omar A. El-Khouly , Magda A.-A. El-Sayed, Morkos A. Henen, Shahenda El-Messery PHARMA-EGYRUSS 2018, April, 28-29 2018
8	Targeting Breast Cancer: Synthesis and Molecular docking studies of new fused pyrimidine and benzodiazepine analogues Aya A. Shalaby , Heba M. El-Hadedy , Ghada Sameh , Shahenda El-Messery, PHARMA-EGYRUSS 2018, April, 28-29 2018
9	Synthesis, and antitumor activity of new fused pyrimidine and benzodiazepine analogues. Aya Ali Shalaby, Heba M. El-Hadedy, Ghada Sameh, Shahenda El-Messery, The International Conference on Advancing Pharmacy Education and Practice in BUE. 27 -

	28 Jan 2018
10	Sherin Elfeky, Tariq Sobahi, Magdy M Gineinah, Nesreen S Ahmed (2019) Ultrasound one pot synthesis of fused quinazolinones and quinazolinediones, screening and molecular docking study as phosphodiesterase 7A inhibitors. Egyptian Journal of Chemistry, in press.
11	Abeer N. Al-Romaizan, Nesreen S. Ahmed, and Sherin M. Elfeky (2019) Design, Synthesis, and Biological Evaluation of Triazolyl- and Triazinyl-Quinazolinediones as Potential Antitumor Agents. Journal of Chemistry, vol. 2019
12	Efficient Stereospecific H β 2/3 NMR Assignment Strategy for Mid-Size Proteins Born A, Henen MA, Nichols P, Wang J, Jones DN, Vögeli B. Magnetochemistry (Basel, Switzerland). 2018 June 01; 4(2):25. My Bibliography [journal]
13	Nichols PJ, Henen MA, Born A, Strotz D, Güntert P, Vögeli B. High-resolution small RNA structures from exact nuclear Overhauser enhancement measurements without additional restraints. Communications biology. 2018; 1:61. PubMed [journal] PMID: 30271943, PMCID: PMC6123705
14	Nichols PJ, Born A, Henen MA, Strotz D, Celestine CN, Güntert P, Vögeli B. Extending the Applicability of Exact Nuclear Overhauser Enhancements to Large Proteins and RNA. Chembiochem : a European journal of chemical biology. 2018; PubMed [journal] PMID: 29883016
15	Born A, Nichols PJ, Henen MA, Chi CN, Strotz D, Bayer P, Tate SI, Peng JW, Vögeli B. Backbone and side-chain chemical shift assignments of full-length, apo, human Pin1, a phosphoprotein regulator with interdomain allostery
16	Eman E. Nasr, Amany S. Mostafa, Magda A. A. El-Sayed, Mohammed A. M. Massoud, "Design, synthesis, and docking study of new quinoline derivatives as antitumor agents" <i>"Archiv der Pharmazie"</i> , 2019;352 (7):e1800355. doi. 10.1002/ardp.201800355
17	Yasmin A. Abo-Elanwar, Amany S. Mostafa, Magda A. A. El-Sayed, Magda N.A. Nasr, "Synthesis and biological evaluation of new 2-(4-fluorophenyl) imidazol-5-ones as Anticancer Agents". <i>" Journal of Applied Pharmaceutical Science"</i> , 9 (5), 1–11, 2019.
18	Mohamed A. Zeidan, Amany S. Mostafa, Rania M. Gomaa, Laila A. Abou-zeid, Mohamed El-Mesery, Magda A. A. El-Sayed, Khalid B. Selim, "Design, synthesis and docking study of novel picolinamide derivatives as anticancer agents and VEGFR-2 inhibitors " <i>"European Journal of Medicinal Chemistry"</i> , 168, 315-329, 2019.

19	Abdelrahman Hamdi; Mathieu Y. Laurent; Annie Hémon-Ribaud; Amany S. Mostafa; Mohammed A. M. Massoud; Khalid B. Selim; Gilles Dujardin, "1,3-Dipolar Cycloaddition of vinyloxy quinolines with α -alkoxy carbonyl aldonitrone or cyclic subrogates: a comparative study for an asymmetric access to trans 4-quinolinoxy oxaprolines" <i>"Tetrahedron"</i> , 75, 429-440, 2019.
20	Amany S. Mostafa, Rania M. Gomaa, Mohammad A. Elmorsy, "Design and synthesis of 2-phenyl benzimidazole derivatives as VEGFR-2 inhibitors with anti-breast cancer activity" <i>"Chemical Biology and Drug Design"</i> , 93, 454–463, 2019.
21	Amany S. Mostafa, Waleed A. Bayoumi, Mohamed El-Mesery and Abdelaziz Elgaml, "Molecular Design and Synthesis of New 3,4-Dihydropyrimidin-2(1H)-Ones as Potential Anticancer Agents with VEGFR-2 Inhibiting Activity" <i>"Anti-cancer Agents in Medicinal Chemistry"</i> , 19 (3), 310-322, 2019.
22	Amany S. Mostafa and Khalid B. Selim, "Synthesis and anticancer activity of new dihydropyrimidinone derivatives" <i>"European Journal of Medicinal Chemistry"</i> , 156, 304-315, 2018.
23	Design, Synthesis and Molecular Modeling of New 1,3,5-Triazine Derivatives as Anticancer Agents Marwa I. Serag, Rania M. Gomaa, Mohammed A.M. Massoud and Hassan M. Eisa Der Pharma Chemica (2019) Volume 11, Issue 5
24	"Synthesis and Anti-influenza Activity of Novel Thiadiazole, Oxadiazole and Triazole Based Scaffolds" Samar S. Tawfik, Abdelbasset A. Farahat*, Magda A.-A El-Sayed, Atif S. Tantawy, Ola Bagato, Mohamed A. Ali. Letters in Drug Design & Discovery Volume 15 , Issue 4 , 2018
25	Repositioning of the antipsychotic trifluoperazine: Synthesis, biological evaluation and in silico study of trifluoperazine analogs as anti-glioblastoma agents S Kang, JM Lee, B Jeon, A Elkamhawy, S Paik, J Hong, SJ Oh, SH Paek, European journal of medicinal chemistry 151, 186-198

26	Design, synthesis and biological evaluation of novel thiazolidinedione derivatives as irreversible allosteric IKK- β modulators A Elkamhawy, N youn Kim, AHE Hassan, J Park, JE Yang, KS Oh, BH Lee, European journal of medicinal chemistry 157, 691-704
27	Pyrazinyl ureas revisited: 1-(3-(Benzyloxy) pyrazin-2-yl)-3-(3, 4-dichlorophenyl) urea, a new blocker of A β -induced mPTP opening for Alzheimer's disease A Elkamhawy, J Park, AHE Hassan, AN Pae, J Lee, S Paik, BG Park, European journal of medicinal chemistry 157, 268-278
28	Synthesis and biological evaluation of novel 3-(quinolin-4-ylamino) benzenesulfonamides AQ3 as carbonic anhydrase isoforms I and II inhibitors MM Al-Sanea, A Elkamhawy, S Paik, S Bua, S Ha Lee, MA Abdelgawad, ... Journal of enzyme inhibition and medicinal chemistry 34 (1), 1457-1464
29	G- quadruplex- binding small molecules ameliorate C9orf72 FTD/ALS pathology in vitro and in vivo R Simone, R Balendra, TG Moens, E Preza, KM Wilson, A Heslegrave, ... EMBO molecular medicine 10 (1), 22-31
30	Design, Synthesis and Anticancer Evaluation of New Substituted Thiophene-quinoline Derivatives, Biorganic and Medicinal Chemistry, 2019