

# Athavan Alias Anand Selvam

## List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and antitumor activities of some novel thiazinones and thiosemicarbazones derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2020, 195, 821-829.	1.6	1
2	Designing and Using an Atomic Model Kit with H, C, N, and O Model Atoms Having a Mass Ratio of 1:12:14:16 to Teach the Concept of Mole and Associated Stoichiometric Relationships. Journal of Chemical Education, 2020, 97, 986-991.	2.3	8
3	Anticancer mechanism of troxerutin via targeting Nrf2 and NF- $\kappa$ B signalling pathways in hepatocarcinoma cell line. Toxicology in Vitro, 2019, 54, 317-329.	2.4	25
4	Synthesis and evaluation of thiazolidinone-pyrazole conjugates as anticancer and antimicrobial agents. Future Medicinal Chemistry, 2018, 10, 1017-1036.	2.3	36
5	Troxerutin subdues hepatic tumorigenesis via disrupting the MDM2-p53 interaction. Food and Function, 2018, 9, 5336-5349.	4.6	15
6	Design, 3D QSAR modeling and docking of TGF- $\beta$ 2 type I inhibitors to target cancer. Computational Biology and Chemistry, 2018, 76, 232-244.	2.3	8
7	Design, synthesis and biological evaluation of 2-(4-phenylthiazol-2-yl) isoindoline-1,3-dione derivatives as anti-prostate cancer agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1199-1204.	2.2	25
8	Synthesis, spectroscopic investigations (FT-IR, NMR, UV-Vis, and TD-DFT), and molecular docking of (E)-1-(benzo[d][1,3]dioxol-6-yl)-3-(6-methoxynaphthalen-2-yl)prop-2-en-1-one. Journal of Molecular Structure, 2017, 1130, 1018-1023.	3.6	5
9	Synthesis of novel 1,3-thiazin-4-ones by acetylene diester cyclization and their anticancer activities. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1396-1401.	1.6	3
10	Molecular structure, NMR, UV-Visible, vibrational spectroscopic and HOMO, LUMO analysis of (E)-1-(2,2,6,6-tetramethylpiperidin-4-ylidene)hydrazine by DFT method. Journal of Molecular Structure, 2016, 1106, 277-285.	3.6	14
11	2-Chloro-N-[4-(4-chlorophenyl)-1,3-thiazol-2-yl]acetamide. IUCrData, 2016, 1, .	0.3	0
12	4-Chloro-N-(isoquinolin-3-yl)butanamide. IUCrData, 2016, 1, .	0.3	0
13	FT-IR, FT-Raman, UV, NMR spectra and molecular structure investigation of (E)-2-(3-chloropyrazin-2-yl)-1-(3-ethyl-2,6-diphenyl piperidin-4-ylidene) hydrazine: A combined experimental and theoretical study. Journal of Molecular Structure, 2015, 1100, 137-144.	3.6	4
14	Synthesis, structure prediction, pharmacokinetic properties, molecular docking and antitumor activities of some novel thiazinone derivatives. New Journal of Chemistry, 2015, 39, 7120-7129.	2.8	13
15	3-[(4-Oxo-4H-thiochromen-3-yl)methyl]-4H-thiochromen-4-one. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o358-o358.	0.2	1
16	Comparison of Molecular Docking and Molecular Dynamics Simulations of 1,3-Thiazin-4-One with MDM2 Protein. International Letters of Chemistry, Physics and Astronomy, 0, 60, 161-167.	0.0	8