

Marole Maria Maluleka

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tautomeric 2-arylquinolin-4(1H)-one derivatives- spectroscopic, X-ray and quantum chemical structural studies. <i>Journal of Molecular Structure</i> , 2004, 688, 129-136.	3.6	37
2	Halogenated Quinolines as Substrates for the Palladium-Catalyzed Cross-Coupling Reactions to Afford Substituted Quinolines. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 1-16.	2.6	33
3	Synthesis, Evaluation for Cytotoxicity and Molecular Docking Studies of Benzo[c]furan-Chalcones for Potential to Inhibit Tubulin Polymerization and/or EGFR-Tyrosine Kinase Phosphorylation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2552.	4.1	31
4	Iodo- and bromo-enolcyclization of 2-(2-propenyl)cyclohexanediones and 2-(2-propenyl)cyclohexenone derivatives using iodine in methanol and pyridinium hydrobromide perbromide in dichloromethane. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2469.	2.8	29
5	Advances in Metal-Catalyzed Cross-Coupling Reactions of Halogenated Quinazolinones and Their Quinazoline Derivatives. <i>Molecules</i> , 2014, 19, 17435-17463.	3.8	27
6	Synthesis, Biological Evaluation and Molecular Docking of Novel Indole-Aminoquinazoline Hybrids for Anticancer Properties. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2232.	4.1	26
7	Benzofuran-selenadiazole hybrids as novel α -glucosidase and cyclooxygenase-2 inhibitors with antioxidant and cytotoxic properties. <i>Bioorganic Chemistry</i> , 2020, 100, 103945.	4.1	26
8	Synthesis and further studies of chemical transformation of the 2-aryl-3-halogenoquinolin-4(1 <i>H</i>)-one derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 255-260.	2.6	25
9	Synthesis, α -glucosidase inhibition and antioxidant activity of the 7-carbo-substituted 5-bromo-3-methylindazoles. <i>Bioorganic Chemistry</i> , 2020, 97, 103702.	4.1	21
10	Synthesis of furocoumarin-stilbene hybrids as potential multifunctional drugs against multiple biochemical targets associated with Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2020, 101, 103997.	4.1	19
11	6,8-Dibromo-4-chloroquinoline-3-carbaldehyde as a synthon in the development of novel 1,6,8-triaryl-1 <i>H</i> -pyrazolo[4,3- <i>c</i>]quinolines. <i>Tetrahedron</i> , 2013, 69, 699-704.	1.9	17
12	Synthesis, photophysical properties and DFT study of novel polycarbo-substituted quinazolines derived from the 2-aryl-6-bromo-4-chloro-8-iodoquinazolines. <i>Tetrahedron</i> , 2016, 72, 123-133.	1.9	17
13	In vitro cytotoxicity of novel 2,5,7-tricarbo-substituted indoles derived from 2-amino-5-bromo-3-iodoacetophenone. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4576-4586.	3.0	16
14	Synthesis and Evaluation of the 4-Substituted 2-Hydroxy-5-Iodochalcones and Their 7-Substituted 6-Iodoflavonol Derivatives for Inhibitory Effect on Cholinesterases and β -Secretase. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4112.	4.1	15
15	Synthesis, In Vitro Evaluation and Molecular Docking of the 5-Acetyl-2-aryl-6-hydroxybenzo[<i>b</i>]furans against Multiple Targets Linked to Type 2 Diabetes. <i>Biomolecules</i> , 2020, 10, 418.	4.0	15
16	NEBER REARRANGEMENT OF O-MESYLOXIME DERIVATIVES OF THE RING AND SIDE CHAIN SUBSTITUTED 3-PHOSPHONOMETHYLCYCLOHEXENONES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1997, 127, 131-142.	1.6	13
17	Benzofuran-appended 4-aminoquinazoline hybrids as epidermal growth factor receptor tyrosine kinase inhibitors: synthesis, biological evaluation and molecular docking studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 1516-1528.	5.2	13
18	Exploring Biological Activity of 4-Oxo-4 <i>H</i> -furo[2,3- <i>h</i>]chromene Derivatives as Potential Multi-Target-Directed Ligands Inhibiting Cholinesterases, β -Secretase, Cyclooxygenase-2, and Lipoxigenase-5/15. <i>Biomolecules</i> , 2019, 9, 736.	4.0	12

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19	Spectroscopic, DFT, and XRD Studies of Hydrogen Bonds in N-Unsubstituted 2-Aminobenzamides. <i>Molecules</i> , 2017, 22, 83.	3.8	11
20	Vilsmeier-Haack reaction of 7-acetyl-2-arylindoles: a convenient method for the synthesis of 6-oxo-6H-pyrrolo[3,2,1-ij]quinoline-1,5-dicarbaldehydes. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2204-2211.	2.8	11
21	Synthesis and Photophysical Properties of 2-Aryl-6,8-bis(arylethenyl)-4-methoxyquinolines. <i>Molecules</i> , 2012, 17, 14186-14204.	3.8	10
22	Synthesis, Evaluation of Cytotoxicity and Molecular Docking Studies of the 7-Acetamido Substituted 2-Aryl-5-bromo-3-trifluoroacetylindoles as Potential Inhibitors of Tubulin Polymerization. <i>Pharmaceuticals</i> , 2018, 11, 59.	3.8	10
23	Trifluoroacetylation of indole-chalcones derived from the 2-amino-3-(arylethynyl)-5-bromo-iodochalcones. <i>Journal of Fluorine Chemistry</i> , 2016, 189, 88-95.	1.7	9
24	Synthesis, Cytotoxicity and Molecular Docking Studies of the 9-Substituted 5-Styryltetrazolo[1,5-c]quinazoline Derivatives. <i>Molecules</i> , 2017, 22, 1719.	3.8	9
25	In Vitro Evaluation and Docking Studies of 5-oxo-5H-furo[3,2-g]chromene-6-carbaldehyde Derivatives as Potential Anti-Alzheimer's Agents. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5451.	4.1	9
26	Novel 2,3-Dihydro-1H-pyrrolo[3,2,1-ij]quinazolin-1-ones: Synthesis and Biological Evaluation. <i>Molecules</i> , 2017, 22, 55.	3.8	8
27	2-Aryl-4-azido-(bromo/iodo)quinolines as substrates for the synthesis of primary 4-amino-2,3-disubstituted quinoline derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 1343-1350.	2.6	7
28	Spectroscopic, Electrochemical and DFT Studies of Phosphorescent Homoleptic Cyclometalated Iridium(III) Complexes Based on Substituted 4-Fluorophenylvinyl- and 4-Methoxyphenylvinylquinolines. <i>Materials</i> , 2017, 10, 1061.	2.9	7
29	Synthesis of 2-arylquinolin-4(1H)-ones and their transformation to N-alkylated and O-alkylated derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 1-14.	2.6	6
30	One-pot palladium-catalyzed C-I and C-H bond activation and subsequent Suzuki-Miyaura cross-coupling of 2-aryl-3-iodo-4-(phenylamino)quinolines with arylboronic acids. <i>Tetrahedron</i> , 2011, 67, 4689-4695.	1.9	6
31	Novel Polycarbo-Substituted Alkyl (Thieno[3,2-c]quinoline)-2-Carboxylates: Synthesis and Cytotoxicity Studies. <i>Molecules</i> , 2014, 19, 18527-18542.	3.8	6
32	Synthesis and Evaluation of N-(3-Trifluoroacetyl-indol-7-yl) Acetamides for Potential In Vitro Antiplasmodial Properties. <i>Molecules</i> , 2017, 22, 1099.	3.8	6
33	Elucidation of the Structure of the 2-amino-3,5-Dibromochalcone Epoxides in Solution and Solid State. <i>Crystals</i> , 2019, 9, 277.	2.2	6
34	Spectroscopic, X-ray Diffraction and Density Functional Theory Study of Intra- and Intermolecular Hydrogen Bonds in Ortho-(4-tolylsulfonamido)benzamides. <i>Molecules</i> , 2021, 26, 926.	3.8	5
35	In Vitro Enzymatic and Kinetic Studies, and In Silico Drug-Receptor Interactions, and Drug-Like Profiling of the 5-Styrylbenzamide Derivatives as Potential Cholinesterase and I ² -Secretase Inhibitors with Antioxidant Properties. <i>Antioxidants</i> , 2021, 10, 647.	5.1	5
36	Synthesis, Structural and Biological Properties of the Ring-A Sulfonamido Substituted Chalcones: A Review. <i>Molecules</i> , 2021, 26, 5923.	3.8	5

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37	Characterization, Hirshfeld surface analysis, DFT study and an in vitro α -glucosidase/ α -amylase/radical scavenging profiling of novel 5-styryl-2-(4-tolylsulfonamido) chalcones. <i>Journal of Molecular Structure</i> , 2021, 1245, 131090.	3.6	5
38	Synthesis and Photophysical Properties of the 2-(3-(2-Alkyl-6,8-diaryl-4-oxo-1,2,3,4-tetrahydroquinazolin-2-yl)propyl)-6,8-diarylquinazolin-4(3H)-ones. <i>Molecules</i> , 2014, 19, 9712-9735.	3.8	4
39	Synthesis and Transformation of 5-Acetyl-2-aryl-6-hydroxybenzofurans into Furanoflavanone Derivatives. <i>Synthesis</i> , 2019, 51, 3431-3442.	2.3	4
40	Synthesis, Structure and Evaluation of the N-(2-Acetyl-4-(styryl)phenyl)-4-benzenesulfonamide Derivatives for Anticholinesterase and Antioxidant Activities. <i>Crystals</i> , 2021, 11, 341.	2.2	4
41	Synthesis, Structure, Carbohydrate Enzyme Inhibition, Antioxidant Activity, In Silico Drug-Receptor Interactions and Drug-Like Profiling of the 5-Styryl-2-Amino-chalcone Hybrids. <i>Molecules</i> , 2021, 26, 2692.	3.8	4
42	Synthesis and chemical transformation of fused tetrazoles derived from 2-bromomethyl- and 2-iodomethyl-3,5,6,7-tetrahydro-4(2H)-benzofuranones. <i>Journal of Heterocyclic Chemistry</i> , 2006, 42, 905-911.	4.2	3
43	Synthesis and Chemical Transformation of 2-iodomethyl-1-(phenylmethyl)-1,5,6,7-tetrahydroindol-4-ones. <i>Journal of Chemical Research</i> , 2008, 2008, 227-231.	1.3	3
44	Inhibitory Effects of Novel 7-Substituted 6-iodo-3-O-Flavonol Glycosides against Cholinesterases and β -secretase Activities, and Evaluation for Potential Antioxidant Properties. <i>Molecules</i> , 2019, 24, 3500.	3.8	3
45	Synthesis, in vitro and in silico enzyme (COX-1/2 & LOX-5), free radical scavenging and cytotoxicity profiling of the 2,4-dicarbo substituted quinazoline 3-oxides. <i>Medicinal Chemistry Research</i> , 2022, 31, 146-164.	2.4	3
46	Biological evaluation the 2-aryl-2,3-dihydrobenzodiazaborinin-4(1H)-ones as potential dual α -glucosidase and α -amylase inhibitors with antioxidant properties. <i>Chemical Biology and Drug Design</i> , 2021, 98, 234-247.	3.2	2
47	2,6,8-Triaryl-3-iodoquinolin-4(1H)-ones as Substrates for the Synthesis of 2,3,6,8-Tetraarylquinolin-4(1H)-ones and the 2-Substituted 4,6,8-Triaryl-1H-furo[3,2-c]quinolines. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1378-1385.	2.6	1
48	Crystal structure of 1-(5-bromo-2-(4-methoxyphenyl)-1H-indol-7-yl)ethanone oxime, $C_{17}H_{15}BrN_2O_2$. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018, 233, 889-891.	0.3	1
49	A Study of the Crystal Structure and Hydrogen Bonding of 3-Trifluoroacetyloxime Substituted 7-Acetamido-2-aryl-5-bromoindoles. <i>Crystals</i> , 2018, 8, 274.	2.2	1
50	A combined experimental and computational structural study of the N-(2-cyanophenyl)disulfonamides derived from 5-bromo- and 5-iodoanthranilamide. <i>Journal of Molecular Structure</i> , 2021, 1238, 130447.	3.6	1
51	Crystal structure of (E)-1-(2-nitrophenyl)-3-phenylprop-2-en-1-one, $C_{15}H_{11}NO_3$. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2022, .	0.3	1
52	The crystal structure of 2-(4-methoxyphenyl)-6,8-diphenyl-4-(phenylamino)quinazoline "acetone nitrile (1/1), $C_{35}H_{28}N_4O$. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016, 231, 1237-1239.	0.3	0
53	Crystal structure of 1-(4-chlorophenyl)-6,8-diphenyl-1H-pyrazolo[4,3-c]quinoline, $C_{28}H_{18}ClN_3$. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 271-272.	0.3	0
54	Crystal structure of 1-(diethoxy phosphonomethyl) 2-benzoyl-3-chloro-2-cyclohexen-1-ol, $C_{18}H_{24}ClO_5P$. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 371-373.	0.3	0

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55	Crystal structure of 6,8-diphenyl-2-(4-fluorophenyl)-2,3-dihydroquinolin-4(3H)-one, C ₂₇ H ₂₀ FNO. Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 395-396.	0.3	0
56	Crystal structure of (1 <i>E</i>)-4 <i>E</i> -1,5-bis(4-chlorophenyl)penta-1,4-dien-3-one, C ₁₇ H ₁₂ Cl ₂ O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 1049-1050.	0.3	0
57	Crystal structure of (1 <i>E</i>)- <i>N</i> -(4-bromo-2-(1-(hydroxyimino)ethyl)phenyl)benzamide, C ₁₅ H ₁₃ BrN ₂ O ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2018, 233, 939-940.	0.3	0
58	Crystal structure of 8-bromo-6-oxo-2-phenyl-6 <i>H</i> -pyrrolo[3,2,1- <i>ij</i>]quinoline-5-carbaldehyde, C ₁₈ H ₁₁ BrNO ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 234, 1063-1065.	0.3	0
59	Crystal structure of 1-(5-bromo-2-(4-methoxyphenyl)-1 <i>H</i> -indol-7-yl)ethan-1-ol, C ₁₇ H ₁₄ BrNO ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 234, 305-307.	0.3	0
60	Crystal structure of 1-(4-chloro-2-hydroxy-5-iodophenyl)ethan-1-one, C ₈ H ₆ ClIO ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 235, 81-83.	0.3	0
61	Potentially tautomeric 3-arylquinolin-4(1H)-ones and their 4-anilinoquinoline derivatives: Spectroscopic, DFT and X-ray analyses. Journal of Molecular Structure, 2020, 1199, 126982.	3.6	0
62	Crystal structure of 1-(6-hydroxy-2-phenylbenzofuran-5-yl)ethan-1-one, C ₁₆ H ₁₂ O ₃ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 1389-1391.	0.3	0
63	Crystal structure of (2-amino-5-bromo-3-iodophenyl)(3-(4-chlorophenyl)oxiran-2-yl)methanone, C ₁₅ H ₁₀ BrClINO ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 1421-1423.	0.3	0
64	Crystal structure of 6-bromo-2-(4-chlorophenyl)chroman-4-one (6-bromo-4- β -chloroflavanone), C ₁₅ H ₁₀ BrClO ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2022, .	0.3	0