

# Diana Becerra

## List of Publications by Year in descending order

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papers

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citations

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times ranked

711  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Biologically Active Molecules through Multicomponent Reactions. <i>Molecules</i> , 2020, 25, 505.	1.7	121
2	Synthesis of novel analogs of 2-pyrazoline obtained from [(7-chloroquinolin-4-yl)amino]chalcones and hydrazine as potential antitumor and antimalarial agents. <i>European Journal of Medicinal Chemistry</i> , 2013, 67, 252-262.	2.6	104
3	An efficient synthesis of new caffeine-based chalcones, pyrazolines and pyrazolo[3,4-b][1,4]diazepines as potential antimalarial, antitrypanosomal and antileishmanial agents. <i>European Journal of Medicinal Chemistry</i> , 2015, 93, 401-413.	2.6	82
4	Microwave-assisted synthesis of pyrimido[4,5-b][1,6]naphthyridin-4(3H)-ones with potential antitumor activity. <i>European Journal of Medicinal Chemistry</i> , 2013, 60, 1-9.	2.6	47
5	Efficient synthesis of 2-acylquinolines based on an aza-vinylogous Povarov reaction. <i>Organic Chemistry Frontiers</i> , 2016, 3, 412-422.	2.3	39
6	Synthesis of 1-aryl-3-methylsulfanyl-5-amino-1,2,4-triazoles and their analysis by spectroscopy, X-ray crystallography and theoretical calculations. <i>Journal of Molecular Structure</i> , 2021, 1226, 129317.	1.8	14
7	Synthesis, biological evaluation and X-ray crystallographic analysis of novel (E)-2-cyano-3-(het)arylacrylamides as potential anticancer agents. <i>Journal of Molecular Structure</i> , 2021, 1244, 130944.	1.8	13
8	Exploiting the Reactivity of 1,2-Ketoamides: Enantioselective Synthesis of Functionalized Pyrrolidines and Pyrrolo-1,4-benzodiazepine-2,5-diones. <i>Synlett</i> , 2015, 26, 1591-1595.	1.0	11
9	Catalyst- and solvent-free synthesis of 2-fluoro-N-(3-methylsulfanyl-1,2,4-triazol-5-yl)benzamide through a microwave-assisted Fries rearrangement: X-ray structural and theoretical studies. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 359-371.	0.2	10
10	Synthesis of Novel Pyrimido[4,5-b]quinolin-4-ones with Potential Antitumor Activity. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 506-512.	1.4	8
11	Enantioselective Organocatalyzed Consecutive Synthesis of Alkyl 4,5-Dihydrofuran-2-carboxylates from $\alpha$ -Keto Esters and (Z)- $\beta$ -Chloro- $\beta$ -nitrostyrenes. <i>Synthesis</i> , 2016, 49, 195-201.	1.2	7
12	2-Oxo-2H-chromen-7-yl 4-chlorobenzoate. <i>MolBank</i> , 2021, 2021, M1279.	0.2	6
13	Hydrogen-bonding patterns in 3-alkyl-3-hydroxyindolin-2-ones. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2010, 66, o79-o86.	0.4	4
14	Obtaining Protoanemonin through Selective Oxidation of D-Fructose and 5-(Hydroxymethyl)furfural in a Self-catalysed Reaction. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 2184-2190.	1.3	4
15	Obtaining (5-formylfuran-2-yl)methyl 4-chlorobenzoate through an esterification of 5-hydroxymethylfurfural: Interesting achiral molecule crystallizing in a Sohncke P212121 space group. <i>Journal of Molecular Structure</i> , 2022, 1268, 133713.	1.8	4
16	$3,3\text{-}[(1\text{-}R\text{-}3\text{-}SR\text{-}2\text{-}Oxocyclohexane\text{-}1,3\text{-}diyl)]\text{bis}[(3\text{-}SR\text{-}3\text{-}hydroxyindolin\text{-}2\text{-}one)]$ dihydrate: organic layers of $R\text{-}2\text{-}(8)$ , $R\text{-}2\text{-}(16)$ and $R\text{-}6\text{-}(40)$ rings linked by tetrameric water aggregates. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 1081-1084.	0.4	3
17	Crystal structure of 2-fluoro-N-(1,3-thiazol-2-yl)benzamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o882-o883.	0.2	2
18	3-(tert-Butyl)-N-(4-methoxybenzyl)-1-methyl-1H-pyrazol-5-amine. <i>MolBank</i> , 2021, 2021, M1196.	0.2	2

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19	Synthesis, Characterization, and DFT Studies of N-(3,5-Bis(trifluoromethyl)benzyl)stearamide. MolBank, 2021, 2021, M1215.	0.2	2
20	Synthesis of <i>N</i> -substituted 3-(2-aryl-2-oxoethyl)-3-hydroxyindolin-2-ones and their conversion to <i>N</i> -substituted ( <i>E</i> )-3-(2-aryl-2-oxoethylidene)indolin-2-ones: synthetic sequence, spectroscopic characterization and structures of four 3-hydroxy compounds and five oxoethylidene products. Acta Crystallographica Section C, Structural Chemistry, 2020, 76, 433-445.	0.2	2
21	The effect of molecular planarity and resonant effects on supramolecular structures of N-(5-pyrazolyl)imines by X-ray crystallographic analysis. Journal of Molecular Structure, 2022, 1252, 132098.	1.8	2
22	Synthesis, Spectroscopic Analysis, and In Vitro Anticancer Evaluation of 2-(Phenylsulfonyl)-2H-1,2,3-triazole. MolBank, 2022, 2022, M1387.	0.2	2
23	(9 <i>E</i> )-9-Benzylidene-3-methyl-2-methylsulfanyl-5-phenyl-5,6,7,8,9,10-hexahydropyrimido[4,5- <i>b</i> ]quinolin-4(3 <i>H</i> )-one: polarized molecules within hydrogen-bonded bilayers. Acta Crystallographica Section C: Crystal Structure Communications, 2010, 66, o389-o391.	0.4	1
24	Ambient-Temperature Synthesis of (E)-N-(3-(tert-Butyl)-1-methyl-1 <i>H</i> -pyrazol-5-yl)-1-(pyridin-2-yl)methanimine. MolBank, 2021, 2021, M1250.	0.2	1
25	(9 <i>E</i> )-9-Benzylidene-2-methylsulfanyl-5-phenyl-6,7,8,9-tetrahydropyrimido[4,5- <i>b</i> ]quinolin-4(3 <i>H</i> )-one: a hydrogen-bonded R <sub>2</sub> (8) dimer. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 1524-1526.	0.4	0