

# Rohit Prakash

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5193208/publications.pdf>

Version: 2024-02-01

8  
papers

89  
citations

1478505  
6  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

101  
citing authors

#	ARTICLE	IF	CITATIONS
1	First synthesis of furostans bearing a 1, 3-dioxane ring at C-26. XRD, Hirshfeld surfaces analysis, DFT studies. Journal of Molecular Structure, 2022, 1247, 131364.	3.6	1
2	Synthesis of novel steroids using Mizoroki-Heck reaction, their spectroscopic analysis, anticancer activity against cervical cancer and DFT studies. Journal of Molecular Structure, 2020, 1204, 127512.	3.6	6
3	Facile synthesis of corticosteroids prodrugs from isolated hydrocortisone acetate and their quantum chemical calculations. Journal of Molecular Structure, 2017, 1130, 860-866.	3.6	9
4	Novel synthetic ester of Brassicasterol, DFT investigation including NBO, NLO response, reactivity descriptor and its intramolecular interactions analyzed by AIM theory. Journal of Molecular Structure, 2015, 1083, 72-81.	3.6	43
5	Isolation of brassicasterol, its synthetic prodrug-crystal structure, stereochemistry and theoretical studies. Journal of Molecular Structure, 2014, 1070, 28-37.	3.6	10
6	Proficient synthesis of biologically active pregnane derivatives and its glycoside " Experimental and theoretical approach. Journal of Molecular Structure, 2013, 1052, 112-124.	3.6	7
7	One pot synthesis of biologically active pregnane derivatives, their single crystal structures, spectroscopic characterization and theoretical calculations. Journal of Molecular Structure, 2013, 1052, 76-84.	3.6	3
8	Synthesis of diosgenin p-nitrobenzoate by Steglich method, its crystal structure and quantum chemical studies. Journal of Molecular Structure, 2012, 1028, 88-96.	3.6	10