

# Sadasivam K

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2068890/publications.pdf>

Version: 2024-02-01

22  
papers

432  
citations

1051969

10  
h-index

939365

18  
g-index

22  
all docs

22  
docs citations

22  
times ranked

557  
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical insight on antioxidant potency of kanzakiflavone-2 and its derivatives. <i>Structural Chemistry</i> , 2021, 32, 1451-1458.	1.0	1
2	Density functional theory calculations for interactions of 2-bromo 9H carbazole and 2,7-dibromo 9H carbazole with human serum albumin. <i>Materials Today: Proceedings</i> , 2021, 45, 2540-2543.	0.9	2
3	Theoretical assessment of antioxidant property of polypropenoid and its derivatives. <i>Structural Chemistry</i> , 2020, 31, 1089-1094.	1.0	5
4	A charge density study to explore the effect of Au and Pt atoms in thiol substituted Oligo (phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.3	0
5	Prediction of biological activities of phytoestrogen and its derivative " A Insilico study. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	1
6	Local orbital locator analysis of isomeric compounds of luteolin and apigenin. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	1
7	Target prediction and antioxidant analysis on isoflavones of demethyltaxasin: a DFT study. <i>Journal of Molecular Modeling</i> , 2019, 25, 169.	0.8	6
8	Comparison of radical scavenging behavior of chromones dihydrogenistein and demethyltaxasin" a DFT approach. <i>Structural Chemistry</i> , 2019, 30, 167-173.	1.0	2
9	Radical scavenging behavior of eriodictyol and fustin flavonoid compounds " A DFT study. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1
10	TD-DFT, NBO analyses, electronic and NLO properties of hydrogen-bonded undecyloxy benzoic acid with suberic acid mesogen. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 650, 65-79.	0.4	4
11	Theoretical simulations on the antioxidant mechanism of naturally occurring flavonoid: A DFT approach. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	3
12	Theoretical investigations on the structure and properties of p-n-alkoxy benzoic acid based liquid crystals. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	0
13	DFT study of glycosyl group reactivity in quercetin derivatives. <i>Journal of Molecular Structure</i> , 2016, 1120, 15-24.	1.8	26
14	DFT studies on antioxidant mechanisms, electronic properties, spectroscopic (FT-IR and UV) and NBO analysis of C-glycosyl flavone, an isoorientin. <i>Journal of Molecular Structure</i> , 2015, 1082, 131-142.	1.8	20
15	Experimental and theoretical investigations on the antioxidant activity of isoorientin from <i>Crotalaria globosa</i> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 121, 737-745.	2.0	21
16	Antioxidant potential of orientin: A combined experimental and DFT approach. <i>Journal of Molecular Structure</i> , 2014, 1061, 114-123.	1.8	75
17	Experimental and theoretical investigation of p"n alkoxy benzoic acid based liquid crystals " A DFT approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 123, 511-523.	2.0	18
18	Experimental and DFT studies on the antioxidant activity of a C-glycoside from <i>Rhynchosia capitata</i> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 103, 442-452.	2.0	50

#	ARTICLE	IF	CITATIONS
19	A DFT STUDY ON THE ROLE OF DIFFERENT OH GROUPS IN THE RADICAL SCAVENGING PROCESS. Journal of Theoretical and Computational Chemistry, 2012, 11, 871-893.	1.8	20
20	A comparative DFT study on the antioxidant activity of apigenin and scutellarein flavonoid compounds. Molecular Physics, 2011, 109, 839-852.	0.8	53
21	Antioxidant behavior of mearnssetin and myricetin flavonoid compounds – A DFT study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 282-293.	2.0	77
22	Theoretical investigation on the antioxidant behavior of chrysoeriol and hispidulin flavonoid compounds – A DFT study. Computational and Theoretical Chemistry, 2011, 963, 227-235.	1.1	46