

Farhan Siddique

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

201
citations

1040018

9
h-index

1125717

13
g-index

21
all docs

21
docs citations

21
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis and prediction pathways of natural products and their cytotoxicity against HeLa cell line protein using docking, molecular dynamics and ADMET. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 765-777.	3.5	13
2	Non-fullerene acceptor IDIC based on indacinodithiophene used as an electron donor for organic solar cells: A computational study. <i>Journal of Molecular Liquids</i> , 2022, 348, 118289.	4.9	14
3	Pathways to fluorescence <i>via</i> restriction of intramolecular motion in substituted tetraphenylethylenes. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 1722-1735.	2.8	8
4	Designing new donors organic compounds with IDIC core for photovoltaic application. <i>Optik</i> , 2022, 262, 169174.	2.9	2
5	QSAR and DFT studies of some Tacrine-hydroxamate derivatives as inhibitors of Cholinesterase (AChEs) in the treatment of Alzheimer's disease. <i>Letters in Drug Design and Discovery</i> , 2022, 19, .	0.7	3
6	Discovery of Phenylcarbamoylazinane-1,2,4-Triazole Amides Derivatives as the Potential Inhibitors of Aldo-Keto Reductases (AKR1B1 & AKRB10): Potential Lead Molecules for Treatment of Colon Cancer. <i>Molecules</i> , 2022, 27, 3981.	3.8	7
7	Deep Learning and Structure-Based Virtual Screening for Drug Discovery against NEK7: A Novel Target for the Treatment of Cancer. <i>Molecules</i> , 2022, 27, 4098.	3.8	21
8	Chemical characterization and evaluation of the neuroprotective potential of <i>Indigofera sessiliflora</i> through in-silico studies and behavioral tests in scopolamine-induced memory compromised rats. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4384-4398.	3.8	10
9	Molecular Dynamics Simulation of the Excited-State Proton Transfer Mechanism in 3-Hydroxyflavone Using Explicit Hydration Models. <i>Journal of Physical Chemistry A</i> , 2021, 125, 5765-5778.	2.5	10
10	Quantum chemical investigation of the ground- and excited-state acidities of a dihydroxyfuranoflavylium cation. <i>Theoretical Chemistry Accounts</i> , 2021, 140, 1.	1.4	2
11	Chromophores inspired by the colors of fruit, flowers and wine. <i>Pure and Applied Chemistry</i> , 2020, 92, 255-263.	1.9	10
12	The integrin facilitated internalization of fibronectin-functionalized camptothecin-loaded DNA-nanofibers for high-efficiency anticancer effects. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1381-1392.	5.8	8
13	Conformational Behavior and Optical Properties of a Fluorophore Dimer as a Model of Luminescent Centers in Carbon Dots. <i>Journal of Physical Chemistry C</i> , 2020, 124, 14327-14337.	3.1	25
14	A computational study of the ground and excited state acidities of synthetic analogs of red wine pyranoanthocyanins. <i>Theoretical Chemistry Accounts</i> , 2020, 139, 1.	1.4	9
15	Nonadiabatic Dynamics of Charge-Transfer States Using the Anthracene-Tetracyanoethylene Complex as a Prototype. <i>Journal of Physical Chemistry A</i> , 2020, 124, 3347-3357.	2.5	13
16	Photoacidity of the 7-Hydroxyflavylium Cation. <i>Photochemistry and Photobiology</i> , 2019, 95, 1339-1344.	2.5	6
17	The electronic transitions of analogs of red wine pyranoanthocyanin pigments. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 45-53.	2.9	16
18	Conical intersections and the weak fluorescence of betalains. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1972-1981.	2.9	3

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19	Quantum chemical evidence for the origin of the red/blue colors of <i>Hydrangea macrophylla</i> sepals. <i>New Journal of Chemistry</i> , 2019, 43, 7532-7540.	2.8	7
20	The effect of hydrogen bonding on the nonadiabatic dynamics of a thymine-water cluster. <i>Chemical Physics</i> , 2018, 515, 472-479.	1.9	13
21	Self-care behaviors and glycemic control among older Type 2 diabetes mellitus patients in low-income families in Southern Punjab, Pakistan. <i>Journal of Human Behavior in the Social Environment</i> , 0, , 1-10.	1.9	1