

Parthiban A

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

259
citations

933447

10
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

182
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, in vitro and in silico antimalarial activity of 7-chloroquinoline and 4H-chromene conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4657-4663.	2.2	41
2	One-pot pseudo three-component reaction of nitroketene-N,S-acetals and aldehydes for synthesis of highly functionalized hexa-substituted 1,4-dihydropyridines. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6223-6238.	2.8	33
3	Synthesis, in vitro and in silico anti-proliferative activity of 4-aryl-4H-chromene derivatives. <i>Medicinal Chemistry Research</i> , 2016, 25, 1308-1315.	2.4	23
4	Antibacterial and antioxidant potential of GC-MS analysis of crude ethyl acetate extract from the tropical mangrove plant <i>Avicennia officinalis</i> L. <i>South African Journal of Botany</i> , 2021, 142, 149-155.	2.5	23
5	Design, synthesis, molecular docking, and biological evaluation of N-methyl-3-nitro-4-(nitromethyl)-4H-chromen-2-amine derivatives as potential anti-cancer agents. <i>Medicinal Chemistry Research</i> , 2014, 23, 642-659.	2.4	22
6	Design, synthesis, in vitro and in silico anti-cancer activity of 4H-chromenes with C4-active methine groups. <i>Medicinal Chemistry Research</i> , 2015, 24, 1226-1240.	2.4	22
7	A Review on Antidiabetic Properties of Indian Mangrove Plants with Reference to Island Ecosystem. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-21.	1.2	19
8	Biological evaluation of gallic acid and quercetin derived from <i>Ceriops tagal</i> : insights from extensive in vitro and in silico studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 1490-1502.	3.5	19
9	Sustainable Utilization of Molasses Towards Green Synthesis of Silver Nanoparticles for Colorimetric Heavy Metal Sensing and Catalytic Applications. <i>Journal of Cluster Science</i> , 2020, 31, 1137-1145.	3.3	13
10	A comprehensive in silico and in vitro studies on quinizarin: a promising phytochemical derived from <i>Rhizophora mucronata</i> Lam. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, , 1-12.	3.5	10
11	An integrative review on bioactive compounds from Indian mangroves for future drug discovery. <i>South African Journal of Botany</i> , 2022, 149, 899-915.	2.5	8
12	Identifying the natural compound Catechin from tropical mangrove plants as a potential lead candidate against 3CL ^{pro} from SARS-CoV-2: An integrated in silico approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 13392-13411.	3.5	6
13	Isolation and biological evaluation 7-hydroxy flavone from <i>Avicennia officinalis</i> L: insights from extensive in vitro, DFT, molecular docking and molecular dynamics simulation studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 2848-2860.	3.5	5
14	An X-Ray Crystallographic Study of N-Methyl-3-nitro-4-(nitromethyl)-4H-chromen-2-amine. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1927-1934.	1.1	3
15	6,8-Dichloro-N-methyl-3-nitro-4-nitromethyl-4H-chromen-2-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o898-o899.	0.2	3
16	6-Methoxy-N-methyl-3-nitro-4-nitromethyl-4H-chromen-2-amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1276-o1277.	0.2	3
17	Isolation, characterisation, anticancer and anti-oxidant activities of 2-methoxy mucic acid from <i>Rhizophora apiculata</i> : an in vitro and in silico studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, , 1-13.	3.5	3
18	Structural Elucidation and Position Identification of Cu(II) ion in Hexaaquazinc(diaquabismalonto)zincate: Single Crystal EPR and Optical Studies. <i>Journal of Cluster Science</i> , 2021, 32, 1401-1409.	3.3	2

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19	6-Ethyl-N-methyl-3-nitro-4-nitromethyl-4H-chromen-2-amine. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o180-o181.	0.2	1
20	4-[4-(Diethylamino)phenyl]-N-methyl-3-nitro-4H-chromen-2-amine. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1395-o1396.	0.2	0
21	Corrosion protection performance of ceria-copolymer bilayer coating on 304 stainless steel in 0.1 M H ₂ SO ₄ medium. AIP Conference Proceedings, 2019, , .	0.4	0