

# Dhanya Sunil

## List of Publications by Year in descending order

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53  
papers

1,035  
citations

430874

18  
h-index

454955

30  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dinitro Derivative of Naphthalimide as a Fluorescent Probe for Tumor Hypoxia Imaging. Polycyclic Aromatic Compounds, 2023, 43, 54-63.	2.6	1
2	Indole Hydrazone Derivatives as Potential Corrosion Inhibitors for Mild Steel in HCl Acid Medium: Experimental Study and Theoretical Calculations. Transactions of the Indian Institute of Metals, 2022, 75, 11-25.	1.5	9
3	A systematic review on 1,8-naphthalimide derivatives as emissive materials in organic light-emitting diodes. Journal of Materials Science, 2022, 57, 105-139.	3.7	28
4	Experimental and molecular dynamics studies on aggregation behaviour of salicylaldehyde azine ester. Soft Matter, 2022, 18, 4273-4279.	2.7	1
5	Water-based combifuge ink with unique tamper-evident features for anti-counterfeiting applications. Journal of Molecular Liquids, 2022, 361, 119695.	4.9	3
6	Naphthalimide derivatives as fluorescent probes for imaging endogenous gasotransmitters. Chemico-Biological Interactions, 2022, 363, 110022.	4.0	4
7	Carbon dots from eco-friendly precursors for optical sensing application: an up-to-date review. Chemical Papers, 2022, 76, 6097-6127.	2.2	19
8	A mechanistic insight into benefits of aggregation induced emissive luminogens in cancer. Journal of Drug Targeting, 2021, 29, 592-608.	4.4	1
9	Emerging trends in aggregation induced emissive luminogens as bacterial theranostics. Journal of Drug Targeting, 2021, 29, 793-807.	4.4	3
10	The impact of naphthalimide derivative on the mitigation of mild steel corrosion in sulfamic acid medium: experimental and theoretical insights. Chemical Papers, 2021, 75, 3831-3845.	2.2	8
11	Supramolecular self-assembly of hydrogen bonded phenylenediboronic acid-alkoxy benzoic acids and their silver nanocomposites. Molecular Crystals and Liquid Crystals, 2021, 725, 81-90.	0.9	0
12	Carbon dots as emerging luminophores in security inks for anti-counterfeit applications - An up-to-date review. Applied Materials Today, 2021, 23, 101050.	4.3	58
13	Aggregation induced emission of chalcones. Chemical Papers, 2021, 75, 6147-6156.	2.2	12
14	A Nitronaphthalimide Probe for Fluorescence Imaging of Hypoxia in Cancer Cells. Journal of Fluorescence, 2021, 31, 1665-1673.	2.5	5
15	Mesomorphism in H-bonded binary mixtures of guanazole with nonyloxy benzoic acid. Journal of Molecular Liquids, 2021, 335, 116202.	4.9	2
16	Eco-friendly flexographic ink from fluorene-based Schiff base pigment for anti-counterfeiting and printed electronics applications. Progress in Organic Coatings, 2021, 161, 106463.	3.9	16
17	Schiff Bases and Their Complexes in Organic Light Emitting Diode Application. Journal of Electronic Materials, 2021, 50, 6708-6723.	2.2	20
18	Water-based flexographic ink using chalcones exhibiting aggregation-induced enhanced emission for anti-counterfeit applications. Journal of Molecular Liquids, 2021, 344, 117974.	4.9	7

#	ARTICLE	IF	CITATIONS
19	1,2,3/1,2,4-Triazole containing liquid crystalline materials: An up-to-date review of their synthetic design and mesomorphic behavior. <i>Journal of Molecular Liquids</i> , 2020, 297, 111909.	4.9	38
20	1,3,5-Triazine-Based Liquid Crystals: An Up-to-Date Appraisal of Their Synthetic Design and Mesogenic Properties. <i>Critical Reviews in Solid State and Materials Sciences</i> , 2020, 45, 378-409.	12.3	6
21	Synthesis, characterization and anticorrosion behaviour of a novel hydrazide derivative on mild steel in hydrochloric acid medium. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	1.7	13
22	Hypoxia-responsive nanoparticle based drug delivery systems in cancer therapy: An up-to-date review. <i>Journal of Controlled Release</i> , 2020, 319, 135-156.	9.9	160
23	Investigation of Anticorrosive Property of Carbazolecarbaldehyde Azine on Mild Steel Using Electrochemical, Morphological and Theoretical Studies. <i>Journal of Bio- and Tribo-Corrosion</i> , 2020, 6, 1.	2.6	10
24	Luminophoric organic molecules for anticounterfeit printing ink applications: an up-to-date review. <i>Materials Today Chemistry</i> , 2020, 18, 100361.	3.5	23
25	New salicylaldehyde azine esters: Structural, aggregation induced fluorescence, electrochemical and theoretical studies. <i>Journal of Molecular Liquids</i> , 2020, 318, 114029.	4.9	4
26	Effect of Cysteine as Environmentally Friendly Inhibitor on AA6061-T6 Corrosion in 0.5 M HCl: Electrochemical and Surface Studies. <i>Surface Engineering and Applied Electrochemistry</i> , 2020, 56, 624-634.	0.8	9
27	Aggregation-induced emission of azines: An up-to-date review. <i>Journal of Molecular Liquids</i> , 2019, 292, 111371.	4.9	37
28	Attenuation of Acid Corrosion of Mild Steel Using a Novel Organic Dye: Electrochemical and Surface Measurements. <i>Surface Engineering and Applied Electrochemistry</i> , 2019, 55, 443-454.	0.8	7
29	Naphthalimides in fluorescent imaging of tumor hypoxia – An up-to-date review. <i>Bioorganic Chemistry</i> , 2019, 88, 102979.	4.1	42
30	Azodyes as markers for tumor hypoxia imaging and therapy: An up-to-date review. <i>Chemico-Biological Interactions</i> , 2019, 307, 91-104.	4.0	33
31	Highly fluorescent materials derived from ortho-vanillin: Structural, photophysical electrochemical and theoretical studies. <i>Journal of Molecular Liquids</i> , 2019, 275, 792-806.	4.9	13
32	Homology Modeling and Docking Studies of Bcl-2 and Bcl-xL with Small Molecule Inhibitors: Identification and Functional Studies. <i>Current Topics in Medicinal Chemistry</i> , 2019, 18, 2633-2663.	2.1	21
33	New Oxadiazole Derivatives: Synthesis and Appraisal of Their Potential as Antimicrobial Agents. <i>Letters in Drug Design and Discovery</i> , 2018, 15, 21-30.	0.7	4
34	Azines as liquid crystalline materials: An up-to-date review. <i>Journal of Molecular Liquids</i> , 2018, 269, 354-370.	4.9	7
35	Fluorescent aromatic symmetrical azines: Synthesis and appraisal of their photophysical and electrochemical properties. <i>Optical Materials</i> , 2018, 85, 1-7.	3.6	18
36	Inhibition Behaviour of 2-[(2-Methylquinolin-8-yl) Oxy] Acetohydrazide on the Corrosion of Mild Steel in Hydrochloric Acid Solution. <i>Transactions of the Indian Institute of Metals</i> , 2017, 70, 1139-1150.	1.5	15

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37	Efficient T3P mediated synthesis, differential cytotoxicity and apoptosis induction by indolo-triazolo-thiadiazoles in human breast adenocarcinoma cells. <i>Chemico-Biological Interactions</i> , 2017, 268, 53-67.	4.0	2
38	Indole-coumarin-thiadiazole hybrids: An appraisal of their MCF-7 cell growth inhibition, apoptotic, antimetastatic and computational Bcl-2 binding potential. <i>European Journal of Medicinal Chemistry</i> , 2017, 136, 442-451.	5.5	40
39	Nano-Chitosan Particles in Anticancer Drug Delivery: An Up-to-Date Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017, 17, 1457-1487.	2.4	31
40	Multi-Target Directed Indole Based Hybrid Molecules in Cancer Therapy : An Up-To-Date Evidence-Based Review. <i>Current Topics in Medicinal Chemistry</i> , 2017, 17, 959-985.	2.1	27
41	N-(2-(6-bromo-2-oxo-2H-chromen-3-yl)-1H-indol-3-yl)methylene)benzohydrazide as a probable Bcl-2/Bcl-xL inhibitor with apoptotic and anti-metastatic potential. <i>European Journal of Medicinal Chemistry</i> , 2016, 120, 134-147.	5.5	24
42	Synthesis of indole-quinoline-oxadiazoles: their anticancer potential and computational tubulin binding studies. <i>Research on Chemical Intermediates</i> , 2016, 42, 5899-5914.	2.7	22
43	Indole based tubulin polymerization inhibitors: An update on recent developments. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, , .	2.4	0
44	Indole based Tubulin Polymerization Inhibitors: An Update on Recent Developments. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 1470-1499.	2.4	2
45	Some new indole-coumarin hybrids; Synthesis, anticancer and Bcl-2 docking studies. <i>Bioorganic Chemistry</i> , 2015, 63, 101-109.	4.1	62
46	Synthesis, characterization, anticancer, and antioxidant activity of some new thiazolidin-4-ones in MCF-7 cells. <i>Medicinal Chemistry Research</i> , 2013, 22, 758-767.	2.4	37
47	In vivo anticancer and histopathology studies of Schiff bases on Ehrlich ascitic carcinoma cells. <i>Arabian Journal of Chemistry</i> , 2013, 6, 25-33.	4.9	28
48	Synthesis, characterization and in vitro cytotoxic properties of some new Schiff and Mannich bases in Hep G2 cells. <i>Medicinal Chemistry Research</i> , 2011, 20, 1024-1032.	2.4	15
49	Synthesis, characterization, antioxidant, and anticancer studies of 6-[3-(4-chlorophenyl)-1H-pyrazol-4-yl]-3-[(2-naphthyloxy)methyl][1,2,4]triazolo[3,4-b][1,3,4]thiadiazole in HepG2 cell lines. <i>Medicinal Chemistry Research</i> , 2011, 20, 1074-1080.	2.4	9
50	6-[3-(4-Fluorophenyl)-1H-pyrazol-4-yl]-3-[(2-naphthyloxy)methyl][1,2,4]triazolo[3,4-b][1,3,4]thiadiazole as a potent antioxidant and an anticancer agent induces growth inhibition followed by apoptosis in HepG2 cells. <i>Arabian Journal of Chemistry</i> , 2010, 3, 211-217.	4.9	56
51	2-Phenoxyacetohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o53-o54.	0.2	4
52	2-(2-Chlorophenoxy)acetohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o31-o32.	0.2	3
53	Recent Advances on Chitosan-Metal Oxide Nanoparticles and their Biological Application. <i>Materials Science Forum</i> , 0, 754, 99-108.	0.3	14