

Dhanya Sunil

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 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 |
| 2 | Some new indole-coumarin hybrids; Synthesis, anticancer and Bcl-2 docking studies. <i>Bioorganic Chemistry</i> , 2015, 63, 101-109. | 4.1 | 62 |
| 3 | Carbon dots as emerging luminophores in security inks for anti-counterfeit applications - An up-to-date review. <i>Applied Materials Today</i> , 2021, 23, 101050. | 4.3 | 58 |
| 4 | 6-[3-(4-Fluorophenyl)-1H-pyrazol-4-yl]-3-[(2-naphthoxy)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 |
| 5 | Naphthalimides in fluorescent imaging of tumor hypoxia - An up-to-date review. <i>Bioorganic Chemistry</i> , 2019, 88, 102979. | 4.1 | 42 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Aggregation-induced emission of azines: An up-to-date review. <i>Journal of Molecular Liquids</i> , 2019, 292, 111371. | 4.9 | 37 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | A systematic review on 1,8-naphthalimide derivatives as emissive materials in organic light-emitting diodes. <i>Journal of Materials Science</i> , 2022, 57, 105-139. | 3.7 | 28 |
| 14 | 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 |
| 15 | N ² -((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 |
| 16 | Luminophoric organic molecules for anticounterfeit printing ink applications: an up-to-date review. <i>Materials Today Chemistry</i> , 2020, 18, 100361. | 3.5 | 23 |
| 17 | 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 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | Schiff Bases and Their Complexes in Organic Light Emitting Diode Application. Journal of Electronic Materials, 2021, 50, 6708-6723. | 2.2 | 20 |
| 20 | Carbon dots from eco-friendly precursors for optical sensing application: an up-to-date review. Chemical Papers, 2022, 76, 6097-6127. | 2.2 | 19 |
| 21 | Fluorescent aromatic symmetrical azines: Synthesis and appraisal of their photophysical and electrochemical properties. Optical Materials, 2018, 85, 1-7. | 3.6 | 18 |
| 22 | 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 |
| 23 | Synthesis, characterization and in vitro cytotoxic properties of some new Schiff and Mannich bases in Hep G2 cells. Medicinal Chemistry Research, 2011, 20, 1024-1032. | 2.4 | 15 |
| 24 | Inhibition Behaviour of 2-[(2-Methylquinolin-8-yl) Oxy] Acetohydrazide on the Corrosion of Mild Steel in Hydrochloric Acid Solution. Transactions of the Indian Institute of Metals, 2017, 70, 1139-1150. | 1.5 | 15 |
| 25 | Recent Advances on Chitosan-Metal Oxide Nanoparticles and their Biological Application. Materials Science Forum, 0, 754, 99-108. | 0.3 | 14 |
| 26 | Highly fluorescent materials derived from ortho-vanillin: Structural, photophysical electrochemical and theoretical studies. Journal of Molecular Liquids, 2019, 275, 792-806. | 4.9 | 13 |
| 27 | Synthesis, characterization and anticorrosion behaviour of a novel hydrazide derivative on mild steel in hydrochloric acid medium. Bulletin of Materials Science, 2020, 43, 1. | 1.7 | 13 |
| 28 | Aggregation induced emission of chalcones. Chemical Papers, 2021, 75, 6147-6156. | 2.2 | 12 |
| 29 | Investigation of Anticorrosive Property of Carbazolecarbaldehyde Azine on Mild Steel Using Electrochemical, Morphological and Theoretical Studies. Journal of Bio- and Tribo-Corrosion, 2020, 6, 1. | 2.6 | 10 |
| 30 | Synthesis, characterization, antioxidant, and anticancer studies of 6-[3-(4-chlorophenyl)-1H-pyrazol-4-yl]-3-[(2-naphthoxy)methyl][1,2,4]triazolo[3,4-b][1,3,4]thiadiazole in HepG2 cell lines. Medicinal Chemistry Research, 2011, 20, 1074-1080. | 2.4 | 9 |
| 31 | Indole Hydrazide 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 |
| 32 | Effect of Cysteine as Environmentally Friendly Inhibitor on AA6061-T6 Corrosion in 0.5 M HCl: Electrochemical and Surface Studies. Surface Engineering and Applied Electrochemistry, 2020, 56, 624-634. | 0.8 | 9 |
| 33 | 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 |
| 34 | Azines as liquid crystalline materials: An up-to-date review. Journal of Molecular Liquids, 2018, 269, 354-370. | 4.9 | 7 |
| 35 | Attenuation of Acid Corrosion of Mild Steel Using a Novel Organic Dye: Electrochemical and Surface Measurements. Surface Engineering and Applied Electrochemistry, 2019, 55, 443-454. | 0.8 | 7 |
| 36 | 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 |

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|----|---|------|-----------|
| 37 | 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 |
| 38 | A Nitronaphthalimide Probe for Fluorescence Imaging of Hypoxia in Cancer Cells. <i>Journal of Fluorescence</i> , 2021, 31, 1665-1673. | 2.5 | 5 |
| 39 | 2-Phenoxyacetohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o53-o54. | 0.2 | 4 |
| 40 | 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 |
| 41 | New salicylaldehyde azine esters: Structural, aggregation induced fluorescence, electrochemical and theoretical studies. <i>Journal of Molecular Liquids</i> , 2020, 318, 114029. | 4.9 | 4 |
| 42 | Naphthalimide derivatives as fluorescent probes for imaging endogenous gasotransmitters. <i>Chemico-Biological Interactions</i> , 2022, 363, 110022. | 4.0 | 4 |
| 43 | Emerging trends in aggregation induced emissive luminogens as bacterial theranostics. <i>Journal of Drug Targeting</i> , 2021, 29, 793-807. | 4.4 | 3 |
| 44 | 2-(2-Chlorophenoxy)acetohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o31-o32. | 0.2 | 3 |
| 45 | Water-based combifuge ink with unique tamper-evident features for anti-counterfeiting applications. <i>Journal of Molecular Liquids</i> , 2022, 361, 119695. | 4.9 | 3 |
| 46 | Efficient T3P $\hat{\text{A}}^{\circledast}$ 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 |
| 47 | Mesomorphism in H-bonded binary mixtures of guanazole with nonyloxy benzoic acid. <i>Journal of Molecular Liquids</i> , 2021, 335, 116202. | 4.9 | 2 |
| 48 | Indole based Tubulin Polymerization Inhibitors: An Update on Recent Developments. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 1470-1499. | 2.4 | 2 |
| 49 | A mechanistic insight into benefits of aggregation induced emissive luminogens in cancer. <i>Journal of Drug Targeting</i> , 2021, 29, 592-608. | 4.4 | 1 |
| 50 | Dinitro Derivative of Naphthalimide as a Fluorescent Probe for Tumor Hypoxia Imaging. <i>Polycyclic Aromatic Compounds</i> , 2023, 43, 54-63. | 2.6 | 1 |
| 51 | Experimental and molecular dynamics studies on aggregation behaviour of salicylaldehyde azine ester. <i>Soft Matter</i> , 2022, 18, 4273-4279. | 2.7 | 1 |
| 52 | Supramolecular self-assembly of hydrogen bonded phenylenediboronic acid-alkoxy benzoic acids and their silver nanocomposites. <i>Molecular Crystals and Liquid Crystals</i> , 2021, 725, 81-90. | 0.9 | 0 |
| 53 | Indole based tubulin polymerization inhibitors: An update on recent developments. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, , . | 2.4 | 0 |