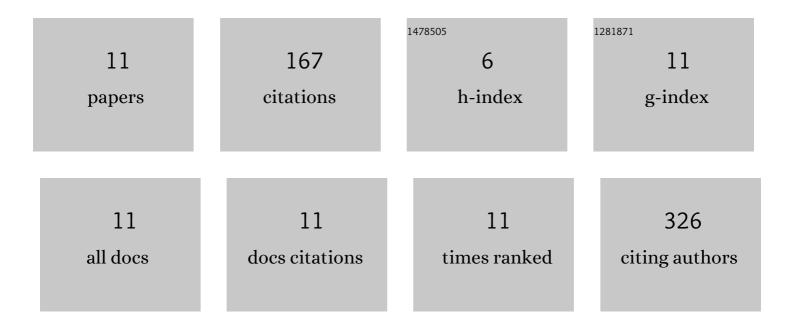
## Dhatchana Moorthy

List of Publications by Year in descending order

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| #  | Article                                                                                                                                                                                            | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Design, synthesis and anticancer activity of piperazine hydroxamates and their histone deacetylase<br>(HDAC) inhibitory activity. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 3906-3910. | 2.2 | 45        |
| 2  | DNA Damage-induced Expression of p53 Suppresses Mitotic Checkpoint Kinase hMps1. Journal of<br>Biological Chemistry, 2006, 281, 8675-8685.                                                         | 3.4 | 39        |
| 3  | The broad-range cyclin-dependent kinase inhibitor UCN-01 induces apoptosis in colon carcinoma cells through transcriptional suppression of the Bcl-xL protein. Oncogene, 2005, 24, 148-156.        | 5.9 | 24        |
| 4  | Synthesis and Biological Evaluation of Calothrixins B and their Deoxygenated Analogues. Journal of<br>Medicinal Chemistry, 2018, 61, 1285-1315.                                                    | 6.4 | 20        |
| 5  | Synthesis of 2-substituted 17β-hydroxy/17-methylene estratrienes and their in vitro cytotoxicity in human cancer cell cultures. Steroids, 2011, 76, 1491-1504.                                     | 1.8 | 16        |
| 6  | Novel isothiacalothrixin B analogues exhibit cytotoxic activity on human colon cancer cells in vitro<br>by inducing irreversible DNA damage. PLoS ONE, 2018, 13, e0202903.                         | 2.5 | 7         |
| 7  | Synthesis, in vitro anti-inflammatory activity and molecular docking studies of novel<br>4,5-diarylthiophene-2-carboxamide derivatives. Journal of Chemical Sciences, 2017, 129, 117-130.          | 1.5 | 4         |
| 8  | Divergent Synthesis and Evaluation of the in vitro Cytotoxicity Profiles of<br>3,4â€Ethylenedioxythiophenylâ€2â€propenâ€1â€one Analogues. ChemMedChem, 2019, 14, 1418-1430.                        | 3.2 | 4         |
| 9  | Functional characterization of Candida albicans Hos2 histone deacetylase. F1000Research, 2013, 2, 238.                                                                                             | 1.6 | 4         |
| 10 | Synthesis of Thia-Analogues of Calothrixin B Involving FeCl3-Mediated Domino Reaction. Synlett, 2016, 28, 133-137.                                                                                 | 1.8 | 3         |
| 11 | Synthesis of novel bis-allyloxy and hydroxypropoxy derivatives of 4, 5-diaryl thiophene-2-carboxylic acid and their biological evaluation. Journal of Chemical Sciences, 2017, 129, 623-636.       | 1.5 | 1         |