

Sabesan Yoganathan

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

574
citations

840776

11
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

887
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis of Aminovinyl-Cysteine-Containing Peptides and Its Application in the Production of Potential Drug Candidates. <i>Accounts of Chemical Research</i> , 2011, 44, 261-268.	15.6	84
2	The activity of bacteriocins from <i>Carnobacterium maltaromaticum</i> UAL307 against Gram-negative bacteria in combination with EDTA treatment. <i>FEMS Microbiology Letters</i> , 2011, 317, 152-159.	1.8	79
3	Structure Diversification of Vancomycin through Peptide-Catalyzed, Site-Selective Lipidation: A Catalysis-Based Approach To Combat Glycopeptide-Resistant Pathogens. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2367-2377.	6.4	63
4	N-Methylimidazole-catalyzed Synthesis of Carbamates from Hydroxamic Acids via the Lossen Rearrangement. <i>Organic Letters</i> , 2013, 15, 602-605.	4.6	53
5	Chemical synthesis and biological evaluation of gallidermin-siderophore conjugates. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2133.	2.8	48
6	Tyrosine kinase inhibitor conjugated quantum dots for non-small cell lung cancer (NSCLC) treatment. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 133, 145-159.	4.0	44
7	Synthesis and in Vitro Evaluation of ¹⁸ F- and ¹⁹ F-Labeled Insulin: A New Radiotracer for PET-based Molecular Imaging Studies. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 1466-1474.	6.4	32
8	Ciprofloxacin Enhances the Chemosensitivity of Cancer Cells to ABCB1 Substrates. <i>International Journal of Molecular Sciences</i> , 2019, 20, 268.	4.1	27
9	Ellagic Acid and Schisandrins: Natural Biaryl Polyphenols with Therapeutic Potential to Overcome Multidrug Resistance in Cancer. <i>Cells</i> , 2021, 10, 458.	4.1	24
10	Chemical Space Exploration around Thieno[3,2-d]pyrimidin-4(3H)-one Scaffold Led to a Novel Class of Highly Active <i>Clostridium difficile</i> Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9772-9791.	6.4	19
11	An efficient one-pot conversion of carboxylic acids into benzimidazoles via an HBTU-promoted methodology. <i>RSC Advances</i> , 2018, 8, 35824-35830.	3.6	13
12	An efficient chemical synthesis of carboxylate-isostere analogs of daptomycin. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4680.	2.8	11
13	Repurposing N,N-Dimethylacetamide (DMA), a Pharmaceutical Excipient, as a Prototype Novel Anti-inflammatory Agent for the Prevention and/or Treatment of Preterm Birth. <i>Current Pharmaceutical Design</i> , 2018, 24, 989-992.	1.9	11
14	Synthesis of N-1, N-3-disubstituted spirohydantoin and their anticonvulsant activities in pilocarpine model of temporal lobe epilepsy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2912-2914.	2.2	10
15	Preclinical development of a novel BCR-ABL T315I inhibitor against chronic myeloid leukemia. <i>Cancer Letters</i> , 2020, 472, 132-141.	7.2	10
16	Exploration of Antibiotic Activity of Aminoglycosides, in Particular Ribostamycin Alone and in Combination With Ethylenediaminetetraacetic Acid Against Pathogenic Bacteria. <i>Frontiers in Microbiology</i> , 2020, 11, 1718.	3.5	8
17	Fracturing Rings to Understand Lantibiotics. <i>Chemistry and Biology</i> , 2008, 15, 999-1001.	6.0	7
18	MET inhibitor tepotinib antagonizes multidrug resistance mediated by ABCG2 transporter: In vitro and in vivo study. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2609-2618.	12.0	7

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19	Development of an Arginine Anchored Nanoglobule with Retrograde Trafficking Inhibitor (Retro-2) for the Treatment of an Enterohemorrhagic Escherichia coli Outbreak. <i>Molecular Pharmaceutics</i> , 2019, 16, 4405-4415.	4.6	5
20	The Spleen Tyrosine Kinase Inhibitor, Entospletinib (GS-9973) Restores Chemosensitivity in Lung Cancer Cells by Modulating ABCG2-mediated Multidrug Resistance. <i>International Journal of Biological Sciences</i> , 2021, 17, 2652-2665.	6.4	4
21	Identification of novel gankyrin binding scaffolds by high throughput virtual screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 43, 128043.	2.2	3
22	Synthesis and Biological Evaluation of Structurally Diverse Benzimidazole Scaffolds as Potential Chemotherapeutic Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 301-314.	1.7	3
23	Benzimidazole scaffolds as potential anticancer agents: Synthesis and Biological evaluation. <i>FASEB Journal</i> , 2019, 33, 646.18.	0.5	3
24	Nonprotein l-Amino Acids. , 2010, , 5-70.		2
25	An Efficient Chemo-selective N-alkylation Methodology for the Structure Diversification of Indolylbenzimidazoles. <i>ChemistrySelect</i> , 2020, 5, 3173-3178.	1.5	2
26	Discovery of a novel class of benzimidazoles as highly effective agonists of bone morphogenetic protein (BMP) receptor signaling. <i>Scientific Reports</i> , 2022, 12, .	3.3	2