

Girish Kumar Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,254
citations

304368

22
h-index

214527

47
g-index

65
all docs

65
docs citations

65
times ranked

3547
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic Potential of Natural Compounds in Lung Cancer. <i>Current Medicinal Chemistry</i> , 2021, 28, 7988-8002.	1.2	6
2	In search of therapeutic candidates for HIV/AIDS: rational approaches, design strategies, structure-activity relationship and mechanistic insights. <i>RSC Advances</i> , 2021, 11, 17936-17964.	1.7	9
3	Investigating the potentiality of <i>Scenedesmus obliquus</i> and <i>Acinetobacter pittii</i> partnership system and their effects on nutrients removal from synthetic domestic wastewater. <i>Bioresource Technology</i> , 2020, 299, 122571.	4.8	31
4	Structure-Activity-Relationship and Mechanistic Insights for Anti-HIV Natural Products. <i>Molecules</i> , 2020, 25, 2070.	1.7	34
5	The Undiscovered Potential of Essential Oils for Treating SARS-CoV-2 (COVID-19). <i>Current Pharmaceutical Design</i> , 2020, 26, 5261-5277.	0.9	11
6	Antimicrobial, Antitumor and Side Effects Assessment of a Newly Synthesized Tamoxifen Analog. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 2281-2288.	1.0	4
7	Bioactive metabolites of <i>Ganoderma lucidum</i> : Factors, mechanism and broad spectrum therapeutic potential. <i>Journal of Herbal Medicine</i> , 2019, 17-18, 100268.	1.0	44
8	Updates on Neurodegenerative and Metabolic Disorders: Synthetic, Biological and Computational Aspects. <i>Current Medicinal Chemistry</i> , 2019, 25, 5291-5292.	1.2	0
9	Advanced Glycation End Products (AGEs), Glutathione and Breast Cancer: Factors, Mechanism and Therapeutic Interventions. <i>Current Drug Metabolism</i> , 2019, 20, 65-71.	0.7	24
10	Synthesis, Antimalarial Evaluation and SAR Study of Some 1,3,5-Trisubstituted Pyrazoline Derivatives. <i>Letters in Organic Chemistry</i> , 2019, 16, 807-817.	0.2	5
11	Understanding the microbiome: Emerging biomarkers for exploiting the microbiota for personalized medicine against cancer. <i>Seminars in Cancer Biology</i> , 2018, 52, 1-8.	4.3	91
12	Pyrazole Schiff Base Hybrids as Anti-Malarial Agents: Synthesis, In Vitro Screening and Computational Study. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2018, 21, 194-203.	0.6	45
13	Antitumour, acute toxicity and molecular modeling studies of 4-(pyridin-4-yl)-6-(thiophen-2-yl) pyrimidin-2(1H)-one against Ehrlich ascites carcinoma and sarcoma-180. <i>Heliyon</i> , 2018, 4, e00661.	1.4	10
14	Double Edge Sword Behavior of Carbendazim: A Potent Fungicide With Anticancer Therapeutic Properties. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 38-45.	0.9	18
15	4-aryl/heteroaryl-4H-fused Pyrans as Anti-proliferative Agents: Design, Synthesis and Biological Evaluation. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 57-73.	0.9	14
16	Role of Azoles in Cancer Prevention and Treatment: Present and Future Perspectives. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 46-56.	0.9	22
17	Editorial: Azoles in Anticancer Research: Rational Approaches, Design Strategies, Recent Insights and Future Perspectives. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 4-5.	0.9	1
18	Aryl Butenes Active against K562 Cells and Lacking Tyrosinase Inhibitory Activity as New Leads in the Treatment of Leukemia. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 1294-1301.	1.1	2

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19	A Green Ultrasound Synthesis, Characterization and their Antibacterial Evaluation of Novel Transition Metal Complex of 2-amino-5-Aryl-1, 3, 4- THIADIAZOLE. Letters in Organic Chemistry, 2018, 15, 633-639.	0.2	2
20	Design, Synthesis and Molecular Docking Studies of Some Thiazole Clubbed Heterocyclic Compounds as Possible Anti-infective Agents. Letters in Organic Chemistry, 2018, 15, 716-726.	0.2	1
21	MOOCs Theories, Trends, Critics, and Life Sciences Applications. Advances in Library and Information Science, 2018, , 240-251.	0.2	0
22	2,3-Disubstituted-1,4-naphthoquinones containing an arylamine with trifluoromethyl group: synthesis, biological evaluation, and computational study. RSC Advances, 2017, 7, 25753-25764.	1.7	48
23	The value of pyrans as anticancer scaffolds in medicinal chemistry. RSC Advances, 2017, 7, 36977-36999.	1.7	157
24	The inhibition of tyrosinase by some aryl butenes: A desired activity or a side effect to avoid. Journal of Organometallic Chemistry, 2017, 848, 133-141.	0.8	4
25	Antibacterial, tyrosinase, and DNA photocleavage studies of some triazolynucleosides. Nucleosides, Nucleotides and Nucleic Acids, 2017, 36, 543-551.	0.4	7
26	Protein Modeling and Molecular Dynamics Simulation of Cloned Regucalcin (RGN) Gene from Bubalus bubalis. Combinatorial Chemistry and High Throughput Screening, 2017, 20, 186-192.	0.6	4
27	EDITORIAL: Current Views on Neurodegeneration: Computational to Clinical Research. Current Topics in Medicinal Chemistry, 2017, 17, 1319-1319.	1.0	0
28	Antidepressant Flavonoids and Their Relationship with Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-18.	1.9	86
29	PI3K/Akt/mTOR Intracellular Pathway and Breast Cancer: Factors, Mechanism and Regulation. Current Pharmaceutical Design, 2017, 23, 1633-1638.	0.9	94
30	Synthesis, Computational Study, and Evaluation of In Vitro Antimicrobial, Antibiofilm, and Anticancer Activities of New Sulfanyl Aminonaphthoquinone Derivatives. Letters in Drug Design and Discovery, 2017, 14, .	0.4	27
31	2. Drug designing in novel drug discovery: Trends, scope and relevance. , 2016, , 15-30.		1
32	3. Structure- and ligand-based approaches in drug designing. , 2016, , 31-52.		0
33	Sustainable Biomaterials: Current Trends, Challenges and Applications. Molecules, 2016, 21, 48.	1.7	31
34	7. Mistletoe lectin: A promising cancer therapeutic. , 2016, , 165-182.		1
35	Identification of common therapeutic targets for selected neurodegenerative disorders: An in silico approach. Journal of Computational Science, 2016, 17, 292-306.	1.5	11
36	Synthesis, Computational Study, and Evaluation of in vitro Antimicrobial, Antibiofilm, and Anticancer Activities of New Sulfanyl Aminonaphthoquinone Derivatives. Letters in Drug Design and Discovery, 2016, 13, 1-1.	0.4	9

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37	Synthesis, antibacterial evaluation, and SAR study of some novel 3-aryl/heteroaryl-9-methyl-1,2,4-triazolo-[4,3-a]-quinoline derivatives. <i>Medicinal Chemistry Research</i> , 2015, 24, 1857-1868.	1.1	12
38	Trifluoromethylpyrazoles as anti-inflammatory and antibacterial agents: A review. <i>Journal of Fluorine Chemistry</i> , 2015, 178, 306-326.	0.9	64
39	Structure based designing and ADME-T studies of butenolide derivatives as potential agents against receptor ICAM-1: A drug target for cerebral malaria. <i>Journal of Computational Science</i> , 2015, 10, 156-165.	1.5	2
40	Synthesis, docking study, and DNA photocleavage activity of some pyrimidinyl hydrazones and 3-(quinolin-3-yl)-5,7-dimethyl-1,2,4-triazolo[4,3-a]pyrimidine derivatives. <i>Medicinal Chemistry Research</i> , 2015, 24, 1830-1841.	1.1	19
41	Synthesis, characterization, and antibacterial activity of a novel heterocyclic Schiff TM s base and its metal complexes of first transition series. <i>Medicinal Chemistry Research</i> , 2014, 23, 690-698.	1.1	34
42	Isoxazoline containing natural products as anticancer agents: A review. <i>European Journal of Medicinal Chemistry</i> , 2014, 77, 121-133.	2.6	219
43	Synthesis and biological evaluation of some 2-(3,5-dimethyl-1H-pyrazol-1-yl)-1-arylethanones: Antibacterial, DNA photocleavage, and anticancer activities. <i>European Journal of Medicinal Chemistry</i> , 2014, 81, 267-276.	2.6	49
44	Synthesis, characterization, and DNA cleavage study of dehydroacetic acid based tridentate Schiff TM s base and its metal complexes of first transition series. <i>Medicinal Chemistry Research</i> , 2014, 23, 4060-4069.	1.1	13
45	1,4-Diaryl-2-mercaptoimidazoles derivatives as a novel class of antimicrobial agents: design, synthesis, and computational studies. <i>Medicinal Chemistry Research</i> , 2014, 23, 4209-4220.	1.1	12
46	DHA: An Excellent Source of Bioactive Heterocycles. <i>Letters in Organic Chemistry</i> , 2014, 11, 273-286.	0.2	12
47	Imidazole Containing Natural Products as Antimicrobial Agents: A Review. <i>Natural Products Journal</i> , 2014, 4, 73-81.	0.1	15
48	Synthesis of novel celecoxib analogues by bioisosteric replacement of sulfonamide as potent anti-inflammatory agents and cyclooxygenase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4581-4590.	1.4	61
49	4-Fluorophenylhydrazones as potential COX-2 inhibitors: a novel, efficient, one pot solid phase synthesis, docking study and pharmacological evaluation. <i>Medicinal Chemistry Research</i> , 2013, 22, 5890-5900.	1.1	11
50	Pyrazole containing natural products: Synthetic preview and biological significance. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 735-753.	2.6	469
51	Management of diabetic complications: A chemical constituents based approach. <i>Journal of Ethnopharmacology</i> , 2013, 150, 51-70.	2.0	101
52	Synthesis and pharmacological evaluation of some novel 2-(5-hydroxy-5-trifluoromethyl-4,5-dihydropyrazol-1-yl)-4-(coumarin-3-yl)thiazoles. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 508-514.	2.6	92
53	Synthesis of some new 3,5-diamino-4-(4-fluorophenylazo)-1-aryl/heteroarylpyrazoles as antimicrobial agents. <i>Medicinal Chemistry Research</i> , 2013, 22, 3566-3573.	1.1	16
54	Imidazoles as Potential Antifungal Agents: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 1626-1655.	1.1	82

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55	Developments in Synthesis of the Anti-inflammatory Drug, Celecoxib: A Review. Recent Patents on Inflammation and Allergy Drug Discovery, 2013, 7, 124-134.	3.9	40
56	Design, synthesis, computational and biological evaluation of some new hydrazino derivatives of DHA and pyranopyrazoles. European Journal of Medicinal Chemistry, 2012, 50, 81-89.	2.6	52
57	Microwave Assisted Synthesis of Imidazoles - A Review. Mini-Reviews in Organic Chemistry, 2012, 9, 270-284.	0.6	17