

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	Pyrazole containing natural products: Synthetic preview and biological significance. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 735-753.	2.6	469
2	Isoxazoline containing natural products as anticancer agents: A review. <i>European Journal of Medicinal Chemistry</i> , 2014, 77, 121-133.	2.6	219
3	The value of pyrans as anticancer scaffolds in medicinal chemistry. <i>RSC Advances</i> , 2017, 7, 36977-36999.	1.7	157
4	Management of diabetic complications: A chemical constituents based approach. <i>Journal of Ethnopharmacology</i> , 2013, 150, 51-70.	2.0	101
5	PI3K/Akt/mTOR Intracellular Pathway and Breast Cancer: Factors, Mechanism and Regulation. <i>Current Pharmaceutical Design</i> , 2017, 23, 1633-1638.	0.9	94
6	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
7	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
8	Antidepressant Flavonoids and Their Relationship with Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-18.	1.9	86
9	Imidazoles as Potential Antifungal Agents: A Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 1626-1655.	1.1	82
10	Trifluoromethylpyrazoles as anti-inflammatory and antibacterial agents: A review. <i>Journal of Fluorine Chemistry</i> , 2015, 178, 306-326.	0.9	64
11	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
12	Design, synthesis, computational and biological evaluation of some new hydrazino derivatives of DHA and pyranopyrazoles. <i>European Journal of Medicinal Chemistry</i> , 2012, 50, 81-89.	2.6	52
13	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
14	2,3-Disubstituted-1,4-naphthoquinones containing an arylamine with trifluoromethyl group: synthesis, biological evaluation, and computational study. <i>RSC Advances</i> , 2017, 7, 25753-25764.	1.7	48
15	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
16	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
17	Developments in Synthesis of the Anti-inflammatory Drug, Celecoxib: A Review. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2013, 7, 124-134.	3.9	40
18	Synthesis, characterization, and antibacterial activity of a novel heterocyclic Schiff's base and its metal complexes of first transition series. <i>Medicinal Chemistry Research</i> , 2014, 23, 690-698.	1.1	34

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19	Structure-Activity-Relationship and Mechanistic Insights for Anti-HIV Natural Products. <i>Molecules</i> , 2020, 25, 2070.	1.7	34
20	Sustainable Biomaterials: Current Trends, Challenges and Applications. <i>Molecules</i> , 2016, 21, 48.	1.7	31
21	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
22	Synthesis, Computational Study, and Evaluation of In Vitro Antimicrobial, Antibiofilm, and Anticancer Activities of New Sulfanyl Aminonaphthoquinone Derivatives. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.4	27
23	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
24	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
25	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
26	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
27	Microwave Assisted Synthesis of Imidazoles - A Review. <i>Mini-Reviews in Organic Chemistry</i> , 2012, 9, 270-284.	0.6	17
28	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
29	Imidazole Containing Natural Products as Antimicrobial Agents: A Review. <i>Natural Products Journal</i> , 2014, 4, 73-81.	0.1	15
30	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
31	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
32	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
33	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
34	DHA: An Excellent Source of Bioactive Heterocycles. <i>Letters in Organic Chemistry</i> , 2014, 11, 273-286.	0.2	12
35	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
36	Identification of common therapeutic targets for selected neurodegenerative disorders: An in silico approach. <i>Journal of Computational Science</i> , 2016, 17, 292-306.	1.5	11

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37	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
38	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
39	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
40	Synthesis, Computational Study, and Evaluation of in vitro Antimicrobial, Antibiofilm, and Anticancer Activities of New Sulfanyl Aminonaphthoquinone Derivatives. <i>Letters in Drug Design and Discovery</i> , 2016, 13, 1-1.	0.4	9
41	Antibacterial, tyrosinase, and DNA photocleavage studies of some triazolynucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2017, 36, 543-551.	0.4	7
42	Therapeutic Potential of Natural Compounds in Lung Cancer. <i>Current Medicinal Chemistry</i> , 2021, 28, 7988-8002.	1.2	6
43	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
44	The inhibition of tyrosinase by some aryl butenes: A desired activity or a side effect to avoid. <i>Journal of Organometallic Chemistry</i> , 2017, 848, 133-141.	0.8	4
45	Protein Modeling and Molecular Dynamics Simulation of Cloned Regucalcin (RGN) Gene from <i>Bubalus bubalis</i> . <i>Combinatorial Chemistry and High Throughput Screening</i> , 2017, 20, 186-192.	0.6	4
46	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
47	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
48	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
49	A Green Ultrasound Synthesis, Characterization and their Antibacterial Evaluation of Novel Transition Metal Complex of 2-amino-5-Aryl-1, 3, 4-THIADIAZOLE. <i>Letters in Organic Chemistry</i> , 2018, 15, 633-639.	0.2	2
50	2. Drug designing in novel drug discovery: Trends, scope and relevance. , 2016, , 15-30.		1
51	7. Mistletoe lectin: A promising cancer therapeutic. , 2016, , 165-182.		1
52	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
53	Design, Synthesis and Molecular Docking Studies of Some Thiazole Clubbed Heterocyclic Compounds as Possible Anti-infective Agents. <i>Letters in Organic Chemistry</i> , 2018, 15, 716-726.	0.2	1
54	3. Structure- and ligand-based approaches in drug designing. , 2016, , 31-52.		0

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55	EDITORIAL: Current Views on Neurodegeneration: Computational to Clinical Research. Current Topics in Medicinal Chemistry, 2017, 17, 1319-1319.	1.0	0
56	Updates on Neurodegenerative and Metabolic Disorders: Synthetic, Biological and Computational Aspects. Current Medicinal Chemistry, 2019, 25, 5291-5292.	1.2	0
57	MOOCs Theories, Trends, Critics, and Life Sciences Applications. Advances in Library and Information Science, 2018, , 240-251.	0.2	0