

# Kanchugarakoppal S Rangappa

## List of Publications by Year in descending order

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192  
papers

5,589  
citations

61984

43  
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118850

62  
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196  
all docs

196  
docs citations

196  
times ranked

5424  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coumarin derivative as a potent drug candidate against triple negative breast cancer targeting the frizzled receptor of wingless-related integration site signaling pathway. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 1561-1573.	3.5	18
2	Targeting STAT3 signaling pathway in cancer by agents derived from Mother Nature. <i>Seminars in Cancer Biology</i> , 2022, 80, 157-182.	9.6	92
3	Bacteria as a treasure house of secondary metabolites with anticancer potential. <i>Seminars in Cancer Biology</i> , 2022, 86, 998-1013.	9.6	29
4	Identification of $\epsilon$ -aminopyrrolidine containing peptides as $\beta$ -amyloid aggregation inhibitors for Alzheimer's disease. <i>Journal of Peptide Science</i> , 2022, 28, e3386.	1.4	8
5	Design and Activity of Novel Oxadiazole Based Compounds That Target Poly(ADP-ribose) Polymerase. <i>Molecules</i> , 2022, 27, 703.	3.8	6
6	The multifaceted antineoplastic role of pyrimethamine against human malignancies. <i>IUBMB Life</i> , 2022, 74, 198-212.	3.4	8
7	Heterogeneous graphitic carbon nitrides in visible-light-initiated organic transformations. <i>Green Chemistry</i> , 2022, 24, 438-479.	9.0	47
8	Pyrrolidine-based cationic $\beta$ -peptide: a DNA-binding molecule works as a potent anti-gene agent. <i>Medicinal Chemistry Research</i> , 2022, 31, 507-516.	2.4	5
9	Escaping mechanisms of ESKAPE pathogens from antibiotics and their targeting by natural compounds. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2022, 34, e00728.	4.4	17
10	3-Formylchromone Counteracts STAT3 Signaling Pathway by Elevating SHP-2 Expression in Hepatocellular Carcinoma. <i>Biology</i> , 2022, 11, 29.	2.8	15
11	Development of 1-(4-(Substituted)piperazin-1-yl)-2-((2-((4-methoxybenzyl)thio)pyrimidin-4-yl)oxy)ethanones That Target Poly (ADP-Ribose) Polymerase in Human Breast Cancer Cells. <i>Molecules</i> , 2022, 27, 2848.	3.8	5
12	Leelamine Exerts Antineoplastic Effects in Association with Modulating Mitogen-Activated Protein Kinase Signaling Cascade. <i>Nutrition and Cancer</i> , 2022, 74, 3375-3387.	2.0	3
13	T3P <sup>®</sup> facilitated one pot multicomponent reaction comprising unique intra-molecular rearrangement. <i>Synthetic Communications</i> , 2022, 52, 1122-1130.	2.1	2
14	2,3,5,6-Tetramethylpyrazine Targets Epithelial-Mesenchymal Transition by Abrogating Manganese Superoxide Dismutase Expression and TGF $\beta$ <sup>2</sup> -Driven Signaling Cascades in Colon Cancer Cells. <i>Biomolecules</i> , 2022, 12, 891.	4.0	11
15	Microwave-Assisted, Metal-Free, Chemoselective N-Formylation of Amines using 2-Formyl-1,3-dimethyl-1H-imidazol-3-ium Iodide and In Situ Synthesis of Benzimidazole and Isocyanides. <i>SynOpen</i> , 2022, 06, 132-140.	1.7	1
16	Euphorbiasteroid Abrogates EGFR and Wnt/ $\beta$ -Catenin Signaling in Non-Small-Cell Lung Cancer Cells to Impart Anticancer Activity. <i>Molecules</i> , 2022, 27, 3824.	3.8	10
17	A Green Synthesis of 1,5-Benzodiazepines using Reusable-Heterogeneous Silica Sulfuric Acid Catalyst under Solvent-Free Conditions and their Antileukemic Activity. <i>Asian Journal of Chemistry</i> , 2021, 33, 1006-1012.	0.3	2
18	Synthesis and Cytotoxic Studies of Pyrrolopyrimidine Derivatives. <i>Asian Journal of Chemistry</i> , 2021, 33, 1855-1860.	0.3	0

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19	Pyrazole-based analogs as potential antibacterial agents against methicillin-resistance staphylococcus aureus (MRSA) and its SAR elucidation. <i>European Journal of Medicinal Chemistry</i> , 2021, 212, 113134.	5.5	92
20	Green Synthesis of Silver Nanoparticles by <i>Cytobacillus firmus</i> Isolated from the Stem Bark of <i>Terminalia arjuna</i> and Their Antimicrobial Activity. <i>Biomolecules</i> , 2021, 11, 259.	4.0	31
21	Brucein D modulates MAPK signaling cascade to exert multi-faceted anti-neoplastic actions against breast cancer cells. <i>Biochimie</i> , 2021, 182, 140-151.	2.6	25
22	New Heparanase-Inhibiting Triazolo-Thiadiazoles Attenuate Primary Tumor Growth and Metastasis. <i>Cancers</i> , 2021, 13, 2959.	3.7	8
23	A key review on oxadiazole analogs as potential methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) activity: Structure-activity relationship studies. <i>European Journal of Medicinal Chemistry</i> , 2021, 219, 113442.	5.5	58
24	Paradoxical functions of long noncoding RNAs in modulating STAT3 signaling pathway in hepatocellular carcinoma. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1876, 188574.	7.4	37
25	Crocetin imparts antiproliferative activity via inhibiting STAT3 signaling in hepatocellular carcinoma. <i>IUBMB Life</i> , 2021, 73, 1348-1362.	3.4	25
26	Benzimidazole analogues as efficient arsenals in war against methicillin-resistance staphylococcus aureus (MRSA) and its SAR studies. <i>Bioorganic Chemistry</i> , 2021, 115, 105175.	4.1	49
27	Pyrimidine-2,4-dione targets STAT3 signaling pathway to induce cytotoxicity in hepatocellular carcinoma cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 50, 128332.	2.2	7
28	Synthesis of bioactive quinoline acting as anticancer agents and their mode of action using in silico analysis towards Aurora kinase A inhibitors. <i>Chemical Data Collections</i> , 2021, 35, 100768.	2.3	3
29	Catalyst free sequential one-pot reaction for the synthesis of indole propanoates/propanoic acid/propanamides as antituberculosis agents. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 39-44.	1.4	8
30	Tris(dibenzylideneacetone)dipalladium(0) (Tris DBA) Abrogates Tumor Progression in Hepatocellular Carcinoma and Multiple Myeloma Preclinical Models by Regulating the STAT3 Signaling Pathway. <i>Cancers</i> , 2021, 13, 5479.	3.7	23
31	Multi-pharmacophore Approach to Bio-therapeutics: Piperazine Bridged Pseudo-peptidic Urea/Thiourea Derivatives as Anti-oxidant Agents. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 151-158.	1.9	3
32	Small molecule based five-membered heterocycles: A view of liquid crystalline properties beyond the biological applications. <i>Journal of Molecular Liquids</i> , 2020, 297, 111686.	4.9	34
33	Inhibitory effect of <i>C. zeylanicum</i> , <i>C. longa</i> , <i>O. basilicum</i> , <i>Z. officinale</i> , and <i>C. martini</i> essential oils on growth and ochratoxin A content of <i>A. ochraceous</i> and <i>P. verrucosum</i> in maize grains. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020, 27, e00490.	4.4	15
34	Brusatol suppresses STAT3-driven metastasis by downregulating epithelial-mesenchymal transition in hepatocellular carcinoma. <i>Journal of Advanced Research</i> , 2020, 26, 83-94.	9.5	100
35	Novel 1,3,4-oxadiazole Targets STAT3 Signaling to Induce Antitumor Effect in Lung Cancer. <i>Biomedicines</i> , 2020, 8, 368.	3.2	17
36	Synthesis and Biological Evaluation of Theophylline Methyl 1,3,4-Oxadiazole as Anticancer Agents. <i>Russian Journal of Bioorganic Chemistry</i> , 2020, 46, 837-844.	1.0	6

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37	An Overview of Recent Developments in the Synthesis of Substituted Thiazoles. <i>ChemistrySelect</i> , 2020, 5, 5629-5656.	1.5	22
38	Exploring the newer oxadiazoles as real inhibitors of human SIRT2 in hepatocellular cancer cells. <i>Biorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127330.	2.2	12
39	I <sub>2</sub> -Catalyzed transformation of <i>o</i> -aminobenzamide to <i>o</i> -ureidobenzonitrile using isothiocyanates. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2678-2684.	2.8	9
40	Identification and characterization of novel SCR7-based small molecule inhibitor of DNA end joining, SCR130 and its relevance in cancer therapeutics. <i>Molecular Carcinogenesis</i> , 2020, 59, 618-628.	2.7	19
41	The Biomolecular Spectrum Drives Microbial Biology and Functions in Agri-Food-Environments. <i>Biomolecules</i> , 2020, 10, 401.	4.0	2
42	Identification of a novel 1,2 oxazine that can induce apoptosis by targeting NF- $\kappa$ B in hepatocellular carcinoma cells. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020, 25, e00438.	4.4	11
43	Cyclization of Active Methylene Isocyanides with $\pm$ -Oxidithioesters Induced by Base: An Expedient Synthesis of 4-Methylthio/Ethoxycarbonyl-5-acylthiazoles. <i>Synthesis</i> , 2020, 52, 1444-1450.	2.3	23
44	The reaction of arylmethyl isocyanides and arylmethylamines with xanthate esters: a facile and unexpected synthesis of carbamothioates. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 159-167.	2.2	9
45	Synthesis and biological evaluation of theophylline acetohydrazide hydrazone derivatives as antituberculosis agents. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 1453-1461.	1.4	3
46	Vitexin abrogates invasion and survival of hepatocellular carcinoma cells through targeting STAT3 signaling pathway. <i>Biochimie</i> , 2020, 175, 58-68.	2.6	47
47	Synthesis, Cytotoxic and Heparanase Inhibition Studies of 5-oxo-1-arylpyrrolidine-3- carboxamides of Hydrazides and 4-amino-5-aryl-4H-1,2,4-triazole-3-thiol. <i>Current Organic Synthesis</i> , 2020, 17, 243-250.	1.3	4
48	Cyclocondensation of Sodium Azide with Methyl N(N),N'-di(tri)substituted Carbamimidothioate : A New Dimension for the Synthesis of 1,5-disubstituted Tetrazoles and Their Cytotoxicity against Human Breast Cancer Cells. <i>Current Organic Chemistry</i> , 2020, 24, 2792-2799.	1.6	5
49	Cyclization of Activated Methylene Isocyanides with Methyl N(N),N <sup>+</sup> -Di(tri)substituted Carbamimidothioate: A Novel Entry for the Synthesis of N,1-Aryl-4-tosyl/ethoxycarbonyl-1H-imidazol-5-amines. <i>SynOpen</i> , 2019, 03, 71-76.	1.7	11
50	Triazole-Pyridine Dicarbonitrile Targets Phosphodiesterase 4 to Induce Cytotoxicity in Lung Carcinoma Cells. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900234.	2.1	7
51	Antifungal Agents in Agriculture: Friends and Foes of Public Health. <i>Biomolecules</i> , 2019, 9, 521.	4.0	154
52	Discovery of Novel Approach for Regioselective Synthesis of Thioxotriaza-Spiro Derivatives via Oxalic Acid. <i>Synlett</i> , 2019, 30, 2004-2009.	1.8	12
53	Acid-Catalyzed Condensation of <i>o</i> -Phenylenediammines and <i>o</i> -Aminophenols with $\pm$ -Oxidithioesters: A Divergent and Regioselective Synthesis of 2-Methylthio-3-aryl/Heteroarylquinoxalines and 2-Acylbenzoxazoles. <i>Synthesis</i> , 2019, 51, 4205-4214.	2.3	15
54	Brusatol, a Nrf2 Inhibitor Targets STAT3 Signaling Cascade in Head and Neck Squamous Cell Carcinoma. <i>Biomolecules</i> , 2019, 9, 550.	4.0	59

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55	Facile synthesis of 1,4-benzodiazepine-2,5-diones and quinazolinones from amino acids as anti-tubercular agents. <i>New Journal of Chemistry</i> , 2019, 43, 182-187.	2.8	26
56	Sulfated Ceria Catalyzed Synthesis of Imidazopyridines and Their Implementation as DNA Minor Groove Binders. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800435.	2.1	3
57	Innovative approach for the synthesis of N-substituted amides from nitriles and alcohols using propylphosphonic anhydride (T3P <sup>®</sup> ) under solvent-free conditions. <i>Synthetic Communications</i> , 2019, 49, 2106-2116.	2.1	12
58	Biofabrication of Zinc Oxide Nanoparticles With <i>Syzygium aromaticum</i> Flower Buds Extract and Finding Its Novel Application in Controlling the Growth and Mycotoxins of <i>Fusarium graminearum</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1244.	3.5	58
59	Targeting Heparanase in Cancer: Inhibition by Synthetic, Chemically Modified, and Natural Compounds. <i>IScience</i> , 2019, 15, 360-390.	4.1	81
60	Synthetic utility of gem-dibromomethylarenes in organic synthesis. <i>Synthetic Communications</i> , 2019, 49, 1777-1801.	2.1	9
61	Efficient One-Pot Synthesis of 3,5-disubstituted 1,3-thiadiazole from Dithioesters under Mild Condition. <i>ChemistrySelect</i> , 2019, 4, 4611-4614.	1.5	4
62	Synthesis of C C, C N coupled novel substituted dibutyl benzothiazepinone derivatives and evaluation of their thrombin inhibitory activity. <i>Bioorganic Chemistry</i> , 2019, 87, 142-154.	4.1	5
63	The $\beta$ Kinase Inhibitor ACP Targets the STAT3 Signaling Pathway in Human Non-Small Cell Lung Carcinoma Cells. <i>Biomolecules</i> , 2019, 9, 875.	4.0	50
64	Urolithin A, a Novel Natural Compound to Target PI3K/AKT/mTOR Pathway in Pancreatic Cancer. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 301-311.	4.1	64
65	The crystal structure of (RS)-7-chloro-2-(2,5-dimethoxyphenyl)-2,3-dihydroquinazolin-4(1H)-one: two hydrogen bonds generate an elegant three-dimensional framework structure. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 843-847.	0.5	0
66	Aqueous Chloroplatinic Acid: A Green, Chemoselective and Reusable Catalyst for the Deprotection of Acetals, Ketals, Dioxolanes and Oxathiolanes. <i>ChemistrySelect</i> , 2018, 3, 1999-2003.	1.5	5
67	N-Substituted Pyrido-1,4-Oxazin-3-Ones Induce Apoptosis of Hepatocellular Carcinoma Cells by Targeting NF- $\kappa$ B Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2018, 9, 1125.	3.5	35
68	Healthy human serum N-glycan profiling reveals the influence of ethnic variation on the identified cancer-relevant glycan biomarkers. <i>PLoS ONE</i> , 2018, 13, e0209515.	2.5	37
69	Discovery of a small-molecule inhibitor of specific serine residue BAD phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10505-E10514.	7.1	45
70	A sequential one-pot tandem approach for the synthesis of 4-tosyl-5-aryloxazoles from carboxylic acids. <i>Journal of Chemical Sciences</i> , 2018, 130, 1.	1.5	10
71	A trisubstituted pyrazole derivative reduces DMBA-induced mammary tumor growth in rats by inhibiting estrogen receptor- $\alpha$ expression. <i>Molecular and Cellular Biochemistry</i> , 2018, 449, 137-144.	3.1	25
72	Synthesis, characterization and cytotoxicity studies of 1,2,3-triazoles and 1,2,4-triazolo [1,5-a] pyrimidines in human breast cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2314-2319.	2.2	45

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73	An Easy and Efficient Method for the Synthesis of Quinoxalines Using Recyclable and Heterogeneous Nanomagnetic-Supported Acid Catalyst under Solvent-Free Condition. <i>ChemistrySelect</i> , 2018, 3, 5228-5232.	1.5	18
74	Synthesis and in vitro anti-proliferative studies of new 2-(arylmethylthio)-6-ethyl-7 H-pyrrolo[2,3-d]pyrimidin-4-ols. <i>Chemical Data Collections</i> , 2018, 15-16, 223-228.	2.3	2
75	Novel 1,3,4-Oxadiazole Induces Anticancer Activity by Targeting NF- $\kappa$ B in Hepatocellular Carcinoma Cells. <i>Frontiers in Oncology</i> , 2018, 8, 42.	2.8	76
76	Endophytic Fungi-Alternative Sources of Cytotoxic Compounds: A Review. <i>Frontiers in Pharmacology</i> , 2018, 9, 309.	3.5	185
77	Synthesis and Biological Evaluation of Novel Thiazol-2-yl-amine Derivatives as Potential Anticancer Agents. <i>Letters in Organic Chemistry</i> , 2018, 15, 270-281.	0.5	9
78	T3P-DMSO Mediated One-pot Tandem Approach for the Synthesis of 3,4-dihydropyrimidin-2(1H)-ones/thiones from Alcohols. <i>Letters in Organic Chemistry</i> , 2018, 15, 241-245.	0.5	2
79	Three closely related 4,5,6,7-tetrahydro-1 <i>H</i> -pyrazolo[4,3- <i>c</i> ]pyridines: synthesis, molecular conformations and hydrogen bonding in zero, one and two dimensions. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 298-304.	0.5	1
80	Cardamonin represses proliferation, invasion, and causes apoptosis through the modulation of signal transducer and activator of transcription 3 pathway in prostate cancer. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 158-168.	4.9	66
81	Elicitation of resistance and associated defense responses in <i>Trichoderma hamatum</i> induced protection against pearl millet downy mildew pathogen. <i>Scientific Reports</i> , 2017, 7, 43991.	3.3	87
82	Novel oxolane derivative DMTD mitigates high glucose-induced erythrocyte apoptosis by regulating oxidative stress. <i>Toxicology and Applied Pharmacology</i> , 2017, 334, 167-179.	2.8	30
83	A Benzothiazole Derivative (5g) Induces DNA Damage And Potent G2/M Arrest In Cancer Cells. <i>Scientific Reports</i> , 2017, 7, 2533.	3.3	23
84	Identification of Novel Class of Triazolo-Thiadiazoles as Potent Inhibitors of Human Heparanase and their Anticancer Activity. <i>BMC Cancer</i> , 2017, 17, 235.	2.6	44
85	A novel 4,6-disubstituted-1,2,4-triazolo-1,3,4-thiadiazole derivative inhibits tumor cell invasion and potentiates the apoptotic effect of TNF $\alpha$ by abrogating NF- $\kappa$ B activation cascade. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 145-157.	4.9	53
86	Regioselective synthesis and biological studies of novel 1-aryl-3, 5-bis (het) aryl pyrazole derivatives as potential antiproliferative agents. <i>Molecular and Cellular Biochemistry</i> , 2017, 426, 149-160.	3.1	26
87	Breast Cancer Stem-Like Cells Are Inhibited by Diosgenin, a Steroidal Saponin, by the Attenuation of the Wnt $\beta$ -Catenin Signaling via the Wnt Antagonist Secreted Frizzled Related Protein-4. <i>Frontiers in Pharmacology</i> , 2017, 8, 124.	3.5	83
88	Synthesis of Coumarin-benzotriazole Hybrids and Evaluation of their Anti-tubercular Activity. <i>Letters in Organic Chemistry</i> , 2017, 15, .	0.5	7
89	An azaspirane derivative suppresses growth and induces apoptosis of ER-positive and ER-negative breast cancer cells through the modulation of JAK2/STAT3 signaling pathway. <i>International Journal of Oncology</i> , 2016, 49, 1221-1229.	3.3	41
90	Novel Synthetic Oxazines Target NF- $\kappa$ B in Colon Cancer In Vitro and Inflammatory Bowel Disease In Vivo. <i>PLoS ONE</i> , 2016, 11, e0163209.	2.5	39

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91	Synthesis and antiproliferative studies of curcumin pyrazole derivatives. <i>Medicinal Chemistry Research</i> , 2016, 25, 1842-1851.	2.4	36
92	Novel Adamantanyl-Based Thiadiazolyl Pyrazoles Targeting EGFR in Triple-Negative Breast Cancer. <i>ACS Omega</i> , 2016, 1, 1412-1424.	3.5	43
93	Nano-cuprous oxide catalyzed one-pot synthesis of a carbazole-based STAT3 inhibitor: a facile approach via intramolecular C–N bond formation reactions. <i>RSC Advances</i> , 2016, 6, 36775-36785.	3.6	19
94	Combinatorial Study of a Novel Poly (ADP-ribose) Polymerase Inhibitor and an HDAC Inhibitor, SAHA, in Leukemic Cell Lines. <i>Targeted Oncology</i> , 2016, 11, 655-665.	3.6	12
95	A One-Pot Tandem Approach for the Synthesis of 5-(Het)aryloxazoles from Substituted (Het)aryl Methyl Alcohols and Benzyl Bromides. <i>Synlett</i> , 2016, 27, 1363-1366.	1.8	14
96	Effects of the multiple O-glycosylation states on antibody recognition of the immunodominant motif in MUC1 extracellular tandem repeats. <i>MedChemComm</i> , 2016, 7, 1102-1122.	3.4	30
97	Dimethyl ester of bilirubin exhibits anti-inflammatory activity through inhibition of secretory phospholipase A2, lipoxygenase and cyclooxygenase. <i>Archives of Biochemistry and Biophysics</i> , 2016, 598, 28-39.	3.0	13
98	Tandem approach for the synthesis of 3-sulphenylimidazo[1,5-a]pyridines from dithioesters. <i>RSC Advances</i> , 2016, 6, 48375-48378.	3.6	21
99	Induction of apoptosis and downregulation of ER $\alpha$ in DMBA-induced mammary gland tumors in Sprague–Dawley rats by synthetic 3,5-disubstituted isoxazole derivatives. <i>Molecular and Cellular Biochemistry</i> , 2016, 420, 141-150.	3.1	30
100	A novel approach for the synthesis of imidazo and triazolopyridines from dithioesters. <i>New Journal of Chemistry</i> , 2016, 40, 7637-7642.	2.8	25
101	A gradient based facile HPLC method for simultaneous estimation of antioxidants extracted from tea powder. <i>Journal of Food Science and Technology</i> , 2016, 53, 2253-2259.	2.8	2
102	Synthesis and in vitro evaluation of hydrazinyl phthalazines against malaria parasite, Plasmodium falciparum. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3300-3306.	2.2	27
103	Synthesis and antiproliferative efficiency of novel bis(imidazol-1-yl)vinyl-1,2,4-oxadiazoles. <i>New Journal of Chemistry</i> , 2016, 40, 2823-2828.	2.8	34
104	Adamantyl-tethered-biphenylic compounds induce apoptosis in cancer cells by targeting Bcl homologs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1056-1060.	2.2	40
105	Novel PARP inhibitors sensitize human leukemic cells in an endogenous PARP activity dependent manner. <i>RSC Advances</i> , 2016, 6, 6308-6319.	3.6	20
106	Antihyperuricemic effects of thiadiazolopyrimidin-5-one analogues in oxonate treated rats. <i>European Journal of Pharmacology</i> , 2016, 776, 99-105.	3.5	10
107	Platelet protective efficacy of 3,4,5 trisubstituted isoxazole analogue by inhibiting ROS-mediated apoptosis and platelet aggregation. <i>Molecular and Cellular Biochemistry</i> , 2016, 414, 137-151.	3.1	25
108	Transition-metal-free solid phase synthesis of 1,2-disubstituted 4-quinolones via the regioselective synthesis of enamines. <i>RSC Advances</i> , 2016, 6, 11528-11535.	3.6	16

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109	Trisubstituted-Imidazoles Induce Apoptosis in Human Breast Cancer Cells by Targeting the Oncogenic PI3K/Akt/mTOR Signaling Pathway. PLoS ONE, 2016, 11, e0153155.	2.5	114
110	Development of Novel Triazolo-Thiadiazoles from Heterogeneous "Green" Catalysis as Protein Tyrosine Phosphatase 1B Inhibitors. Scientific Reports, 2015, 5, 14195.	3.3	44
111	Unconjugated Bilirubin exerts Pro-Apoptotic Effect on Platelets via p38-MAPK activation. Scientific Reports, 2015, 5, 15045.	3.3	56
112	Methotrexate Promotes Platelet Apoptosis via JNK-Mediated Mitochondrial Damage: Alleviation by N-Acetylcysteine and N-Acetylcysteine Amide. PLoS ONE, 2015, 10, e0127558.	2.5	55
113	A One Pot Synthesis of Novel Bioactive Tri-Substitute-Condensed-Imidazopyridines that Targets Snake Venom Phospholipase A2. PLoS ONE, 2015, 10, e0131896.	2.5	26
114	A Nano-MgO and Ionic Liquid-Catalyzed "Green"™ Synthesis Protocol for the Development of Adamantyl-Imidazolo-Thiadiazoles as Anti-Tuberculosis Agents Targeting Sterol 14 $\alpha$ -Demethylase (CYP51). PLoS ONE, 2015, 10, e0139798.	2.5	21
115	One-pot synthesis of 2,3-substituted benzo[b]thiophenes via Cu(scp) catalysed intramolecular cyclisation from dithioesters. RSC Advances, 2015, 5, 29939-29946.	3.6	16
116	Ligand- and catalyst-free intramolecular C-S bond formation: direct access to indalothiochromen-4-ones. Heterocyclic Communications, 2015, 21, 159-163.	1.2	4
117	Synthesis and characterization of novel oxazines and demonstration that they specifically target cyclooxygenase 2. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2931-2936.	2.2	40
118	Microwave-assisted synthesis, characterization and cytotoxic studies of novel estrogen receptor $\beta$ ligands towards human breast cancer cells. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1804-1807.	2.2	37
119	Novel synthetic coumarins that targets NF- $\kappa$ B in Hepatocellular carcinoma. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 893-897.	2.2	63
120	Tamarind Seed (Tamarindus indica) Extract Ameliorates Adjuvant-Induced Arthritis via Regulating the Mediators of Cartilage/Bone Degeneration, Inflammation and Oxidative Stress. Scientific Reports, 2015, 5, 11117.	3.3	45
121	A non-cytotoxic N-dehydroabietylamine derivative with potent antimalarial activity. Experimental Parasitology, 2015, 155, 68-73.	1.2	12
122	Synthesis of 1,2-benzisoxazole tethered 1,2,3-triazoles that exhibit anticancer activity in acute myeloid leukemia cell lines by inhibiting histone deacetylases, and inducing p21 and tubulin acetylation. Bioorganic and Medicinal Chemistry, 2015, 23, 6157-6165.	3.0	100
123	Diastereoselective synthesis of fused oxazolidines and highly substituted 1H-pyrrolo [2,1-c][1,4] oxazines via C-H functionalization. RSC Advances, 2015, 5, 61664-61670.	3.6	24
124	Antiproliferative and tumor inhibitory studies of 2,3 disubstituted 4-thiazolidinone derivatives. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3616-3620.	2.2	52
125	Screening of quinoline, 1,3-benzoxazine, and 1,3-oxazine-based small molecules against isolated methionyl-tRNA synthetase and A549 and HCT116 cancer cells including an in silico binding mode analysis. Organic and Biomolecular Chemistry, 2015, 13, 9381-9387.	2.8	43
126	T3P catalyzed one pot three-component synthesis of 2,3-disubstituted 3H-quinazolin-4-ones. Chinese Chemical Letters, 2015, 26, 963-968.	9.0	13



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