Basappa

List of Publications by Year in descending order

88 papers	3,046 citations	94433 37 h-index	175258 52 g-index
94 all docs	94 docs citations	94 times ranked	3218 citing authors

#	Article	IF	Citations
1	Design, Synthesis, Characterization, and Crystal Structure Studies of Nrf2 Modulators for Inhibiting Cancer Cell Growth In Vitro and In Vivo. ACS Omega, 2021, 6, 10054-10071.	3.5	6
2	Synthesis of bioactive quinoline acting as anticancer agents and their mode of action using in silico analysis towards Aurora kinase A inhibitors. Chemical Data Collections, 2021, 35, 100768.	2.3	3
3	A modified flavonoid accelerates oligodendrocyte maturation and functional remyelination. Glia, 2020, 68, 263-279.	4.9	10
4	Pharmacological Inhibition of BAD Ser99 Phosphorylation Enhances the Efficacy of Cisplatin in Ovarian Cancer by Inhibition of Cancer Stem Cell-like Behavior. ACS Pharmacology and Translational Science, 2020, 3, 1083-1099.	4.9	8
5	Development of a New Arylamination Reaction Catalyzed by Polymer Bound 1,3-(Bisbenzimidazolyl) Benzene Co(II) Complex and Generation of Bioactive Adamanate Amines. Catalysts, 2020, 10, 1315.	3.5	3
6	Novel 1,3,4-oxadiazole Targets STAT3 Signaling to Induce Antitumor Effect in Lung Cancer. Biomedicines, 2020, 8, 368.	3.2	17
7	Exploring the newer oxadiazoles as real inhibitors of human SIRT2 in hepatocellular cancer cells. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127330.	2.2	12
8	Identification of a novel 1,2 oxazine that can induce apoptosis by targeting NF-Î¹B in hepatocellular carcinoma cells. Biotechnology Reports (Amsterdam, Netherlands), 2020, 25, e00438.	4.4	11
9	Triazoleâ€Pyridine Dicarbonitrile Targets Phosphodiesterase 4 to Induce Cytotoxicity in Lung Carcinoma Cells. Chemistry and Biodiversity, 2019, 16, e1900234.	2.1	7
10	A novel small-molecule inhibitor of trefoil factor 3 (TFF3) potentiates MEK1/2 inhibition in lung adenocarcinoma. Oncogenesis, 2019, 8, 65.	4.9	18
11	Brusatol, a Nrf2 Inhibitor Targets STAT3 Signaling Cascade in Head and Neck Squamous Cell Carcinoma. Biomolecules, 2019, 9, 550.	4.0	59
12	Sulfated Ceria Catalyzed Synthesis of Imidazopyridines and Their Implementation as DNA Minor Groove Binders. Chemistry and Biodiversity, 2019, 16, e1800435.	2.1	3
13	Targeting Heparanase in Cancer: Inhibition by Synthetic, Chemically Modified, and Natural Compounds. IScience, 2019, 15, 360-390.	4.1	81
14	Synthesis of C C, C N coupled novel substituted dibutyl benzothiazepinone derivatives and evaluation of their thrombin inhibitory activity. Bioorganic Chemistry, 2019, 87, 142-154.	4.1	5
15	Pharmacological Inhibition of TFF3 Enhances Sensitivity of CMS4 Colorectal Carcinoma to 5-Fluorouracil through Inhibition of p44/42 MAPK. International Journal of Molecular Sciences, 2019, 20, 6215.	4.1	14
16	Bad phosphorylation as a target of inhibition in oncology. Cancer Letters, 2018, 415, 177-186.	7.2	58
17	N-Substituted Pyrido-1,4-Oxazin-3-Ones Induce Apoptosis of Hepatocellular Carcinoma Cells by Targeting NF-Î¹B Signaling Pathway. Frontiers in Pharmacology, 2018, 9, 1125.	3.5	35
18	Discovery of a small-molecule inhibitor of specific serine residue BAD phosphorylation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10505-E10514.	7.1	45

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19	Synthesis, characterization and cytotoxicity studies of 1,2,3-triazoles and 1,2,4-triazolo [1,5-a] pyrimidines in human breast cancer cells. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2314-2319.	2.2	45
20	Novel 1,3,4-Oxadiazole Induces Anticancer Activity by Targeting NF-ÎºB in Hepatocellular Carcinoma Cells. Frontiers in Oncology, 2018, 8, 42.	2.8	76
21	Stabilization of Cyclin-Dependent Kinase 4 by Methionyl-tRNA Synthetase in p16^{INK4a}-Negative Cancer. ACS Pharmacology and Translational Science, 2018, 1, 21-31.	4.9	25
22	Novel oxolane derivative DMTD mitigates high glucose-induced erythrocyte apoptosis by regulating oxidative stress. Toxicology and Applied Pharmacology, 2017, 334, 167-179.	2.8	30
23	Identification of Novel Class of Triazolo-Thiadiazoles as Potent Inhibitors of Human Heparanase and their Anticancer Activity. BMC Cancer, 2017, 17, 235.	2.6	44
24	A novel 4,6-disubstituted-1,2,4-triazolo-1,3,4-thiadiazole derivative inhibits tumor cell invasion and potentiates the apoptotic effect of TNFÎ± by abrogating NF-ÎºB activation cascade. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 145-157.	4.9	53
25	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. International Journal of Oncology, 2016, 49, 1221-1229.	3.3	41
26	Novel Synthetic Oxazines Target NF-ÎºB in Colon Cancer In Vitro and Inflammatory Bowel Disease In Vivo. PLoS ONE, 2016, 11, e0163209.	2.5	39
27	Novel Adamantanyl-Based Thiadiazolyl Pyrazoles Targeting EGFR in Triple-Negative Breast Cancer. ACS Omega, 2016, 1, 1412-1424.	3.5	43
28	Nano-cuprous oxide catalyzed one-pot synthesis of a carbazole-based STAT3 inhibitor: a facile approach via intramolecular Câ€“N bond formation reactions. RSC Advances, 2016, 6, 36775-36785.	3.6	19
29	Synthesis and in vitro evaluation of hydrazinyl phthalazines against malaria parasite, Plasmodium falciparum. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3300-3306.	2.2	27
30	Adamantyl-tethered-biphenylic compounds induce apoptosis in cancer cells by targeting Bcl homologs. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1056-1060.	2.2	40
31	Platelet protective efficacy of 3,4,5 trisubstituted isoxazole analogue by inhibiting ROS-mediated apoptosis and platelet aggregation. Molecular and Cellular Biochemistry, 2016, 414, 137-151.	3.1	25
32	Nano-MoO₃-mediated synthesis of bioactive thiazolidin-4-ones acting as anti-bacterial agents and their mode-of-action analysis using in silico target prediction, docking and similarity searching. New Journal of Chemistry, 2016, 40, 2189-2199.	2.8	4
33	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
34	Development of Novel Triazolo-Thiadiazoles from Heterogeneous â€œGreenâ€•Catalysis as Protein Tyrosine Phosphatase 1B Inhibitors. Scientific Reports, 2015, 5, 14195.	3.3	44
35	Unconjugated Bilirubin exerts Pro-Apoptotic Effect on Platelets via p38-MAPK activation. Scientific Reports, 2015, 5, 15045.	3.3	56
36	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

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37	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
38	A Nano-MgO and Ionic Liquid-Catalyzed â€˜Greenâ€™ Synthesis Protocol for the Development of Adamantyl-Imidazolo-Thiadiazoles as Anti-Tuberculosis Agents Targeting Sterol 14Î±-Demethylase (CYP51). PLoS ONE, 2015, 10, e0139798.	2.5	21
39	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
40	Microwave-assisted synthesis, characterization and cytotoxic studies of novel estrogen receptor Î± ligands towards human breast cancer cells. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1804-1807.	2.2	37
41	Novel synthetic coumarins that targets NF-ÎºB in Hepatocellular carcinoma. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 893-897.	2.2	63
42	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
43	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
44	Novel synthetic bisbenzimidazole that targets angiogenesis in Ehrlich ascites carcinoma bearing mice. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2589-2593.	2.2	37
45	MOLPRINT 2D-based identification and synthesis of novel chromene based small molecules that target PLA2: validation through chemo- and bioinformatics approaches. RSC Advances, 2015, 5, 89797-89808.	3.6	6
46	Synthesis, characterization and in vitro evaluation of novel enantiomerically-pure sulphonamide antimalarials. Organic and Biomolecular Chemistry, 2015, 13, 10681-10690.	2.8	9
47	Biologicals, platelet apoptosis and human diseases: An outlook. Critical Reviews in Oncology/Hematology, 2015, 93, 149-158.	4.4	49
48	Novel Benzoxazine-Based Aglycones Block Glucose Uptake In Vivo by Inhibiting Glycosidases. PLoS ONE, 2014, 9, e102759.	2.5	15
49	Novel Apigenin Based Small Molecule that Targets Snake Venom Metalloproteases. PLoS ONE, 2014, 9, e106364.	2.5	21
50	Synthesis and Characterization of Novel 2-Amino-Chromene-Nitriles that Target Bcl-2 in Acute Myeloid Leukemia Cell Lines. PLoS ONE, 2014, 9, e107118.	2.5	54
51	A New Ibuprofen Derivative Inhibits Platelet Aggregation and ROS Mediated Platelet Apoptosis. PLoS ONE, 2014, 9, e107182.	2.5	35
52	Development of a Novel Azaspirane That Targets the Janus Kinase-Signal Transducer and Activator of Transcription (STAT) Pathway in Hepatocellular Carcinoma in Vitro and in Vivo. Journal of Biological Chemistry, 2014, 289, 34296-34307.	3.4	149
53	Roles of glycosaminoglycans and glycanmimetics in tumor progression and metastasis. Glycoconjugate Journal, 2014, 31, 461-467.	2.7	24
54	Novel Synthetic Biscoumarins Target Tumor Necrosis Factor-Î± in Hepatocellular Carcinoma in Vitro and in Vivo. Journal of Biological Chemistry, 2014, 289, 31879-31890.	3.4	63

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55	Synthesis and biological evaluation of tetrahydropyridinepyrazoles (â€˜PFPsâ€™) as inhibitors of STAT3 phosphorylation. MedChemComm, 2014, 5, 32.	3.4	7
56	Synthesis, biological evaluation and in silico and in vitro mode-of-action analysis of novel dihydropyrimidones targeting PPAR-Î³. RSC Advances, 2014, 4, 45143-45146.	3.6	37
57	Small Molecule Targeting Malaria Merozoite Surface Protein-1 (MSP-1) Prevents Host Invasion of Divergent Plasmodial Species. Journal of Infectious Diseases, 2014, 210, 1616-1626.	4.0	36
58	Synthesis and characterization of novel 1,2-oxazine-based small molecules that targets acetylcholinesterase. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3618-3621.	2.2	21
59	Anti-cancer activity of novel dibenzo[b,f]azepine tethered isoxazoline derivatives. BMC Chemical Biology, 2012, 12, 5.	1.6	38
60	Anti-Tumor Activity of a Novel HS-Mimetic-Vascular Endothelial Growth Factor Binding Small Molecule. PLoS ONE, 2012, 7, e39444.	2.5	27
61	Neutralization of Haemorrhagic Activity of Viper Venoms by 1-(3-Dimethylaminopropyl)-1-(4-Fluorophenyl)-3-Oxo-1,3-Dihydroisobenzofuran-5-Carbonitrile. Basic and Clinical Pharmacology and Toxicology, 2011, 109, 292-299.	2.5	20
62	Synthesis, characterization and in vitro anti-tumor activities of novel 9-ethyl-9H-purine derivatives. Investigational New Drugs, 2010, 28, 754-765.	2.6	5
63	A small oxazine compound as an anti-tumor agent: A novel pyranoside mimetic that binds to VEGF, HB-EGF, and TNF-Î±. Cancer Letters, 2010, 297, 231-243.	7.2	50
64	Involvement of chondroitin sulfate E in the liver tumor focal formation of murine osteosarcoma cells. Glycobiology, 2009, 19, 735-742.	2.5	66
65	Anti-tumor and anti-angiogenic activity of novel hydantoin derivatives: Inhibition of VEGF secretion in liver metastatic osteosarcoma cells. Bioorganic and Medicinal Chemistry, 2009, 17, 4928-4934.	3.0	37
66	Chondroitinase-mediated Degradation of Rare 3-O-Sulfated Glucuronic Acid in Functional Oversulfated Chondroitin Sulfate K and E. Journal of Biological Chemistry, 2007, 282, 36895-36904.	3.4	35
67	N-Substituted-2-butyl-5-chloro-3H-imidazole-4-carbaldehyde Derivatives as Anti-tumor Agents Against Ehrlich Ascites tumor Cells In Vivo. Medicinal Chemistry, 2007, 3, 269-276.	1.5	17
68	2-(2-(2-Ethoxybenzoylamino)-4-chlorophenoxy)-N-(2-ethoxybenzoyl)benzamine inhibits EAT cell induced angiogenesis by down regulation of VEGF secretion. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2775-2780.	2.2	17
69	(2-Ethoxyphenyl)[4-(6-fluorobenzo[d]isoxazol-3-yl)piperidin-1-yl]methanone. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o642-o643.	0.2	0
70	Pro-apoptotic activity of imidazole derivatives mediated by up-regulation of Bax and activation of CAD in Ehrlich Ascites Tumor cells. Investigational New Drugs, 2007, 25, 343-350.	2.6	25
71	Synthesis ofÂpharmaceutically important condensed heterocyclic 4,6-disubstituted-1,2,4-triazolo-1,3,4-thiadiazole derivatives asÂantimicrobials. European Journal of Medicinal Chemistry, 2006, 41, 531-538.	5.5	110
72	Synthesis, characterization, antimicrobial andÂsingle crystal X-ray crystallographic studies ofÂsomeÂnew sulfonyl, 4-chloro phenoxy benzene andÂdibenzoazepine substituted benzamides. European Journal of Medicinal Chemistry, 2006, 41, 1262-1270.	5.5	23

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73	Microwave-assisted synthesis of N-alkylated benzotriazole derivatives: Antimicrobial studies. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 999-1004.	2.2	46
74	Synthesis of new bioactive venlafaxine analogs: Novel thiazolidin-4-ones as antimicrobials. Bioorganic and Medicinal Chemistry, 2006, 14, 2290-2299.	3.0	113
75	Synthesis and crystal structure analysis of 2-(4-methyl-2â€²-biphenyl)-4-amino-1,2,4-triazole-3-thiol. Structural Chemistry, 2006, 17, 91-95.	2.0	5
76	Synthesis and X-ray Crystal Studies of 6-(2-chlorophenyl)-3-methyl[1,2,4] triazolo[4,5-b][1,3,4]thiadiazole. Journal of Chemical Research, 2005, 2005, 238-239.	1.3	2
77	Synthesis and characterization of novel 6-fluoro-4-piperidinyl-1,2-benzisoxazole amides and 6-fluoro-chroman-2-carboxamides: antimicrobial studies. Bioorganic and Medicinal Chemistry, 2005, 13, 2623-2628.	3.0	71
78	Synthesis and X-ray structure of 3-(4-methyl phenyl)-2-(4-biphenyl)-1,3-thiazolidin-4-one. Journal of Chemical Crystallography, 2005, 35, 67-70.	1.1	2
79	Synthesis and crystal structure of 5-allyl-5Hdibenzo[b,f]azepine. Journal of Chemical Crystallography, 2005, 35, 171-175.	1.1	13
80	Synthesis and molecular structure analysis of venlafaxine intermediate and its analog. Journal of Chemical Crystallography, 2005, 35, 957-963.	1.1	5
81	2-(Biphenyl-4-yl)-3-(4-methoxyphenyl)-1,3-thiazolidin-4-one. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o2315-o2317.	0.2	0
82	New cholinesterase inhibitors: synthesis and structure-activity relationship studies of 1,2-benzisoxazole series and novel imidazolyl-d2-isoxazolines. Journal of Physical Organic Chemistry, 2005, 18, 773-778.	1.9	37
83	Simple and an efficient method for the synthesis of 1-[2-dimethylamino-1-(4-methoxy-phenyl)-ethyl]-cyclohexanol hydrochloride: (Â±) venlafaxine racemic mixtures. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 3279-3281.	2.2	38
84	Novel Î´2 -isoxazolines as group II phospholipase A 2 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 3679-3681.	2.2	39
85	Solution-phase synthesis of novel Î”2-isoxazoline libraries via 1,3-dipolar cycloaddition and their antifungal properties. Bioorganic and Medicinal Chemistry, 2003, 11, 4539-4544.	3.0	88
86	Synthesis of novel isoxazolidine derivatives and studies for their antifungal properties. European Journal of Medicinal Chemistry, 2003, 38, 613-619.	5.5	32
87	SYNTHESIS OF NOVEL ISOXAZOLIDINES VIA 1,3-DIPOLAR CYCLOADDITION OF NITRONES TO OLEFINS. Heterocyclic Communications, 2003, 9, .	1.2	2
88	Preparation and use of combustion derived Bi2O3 for the generation of novel heterocycles via Suzuki-Coupling Reactions: potential application as anti-cancer agents. RSC Advances, 0, , .	3.6	4