

# Basappa

## List of Publications by Year in descending order

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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	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. <i>Journal of Biological Chemistry</i> , 2014, 289, 34296-34307.	3.4	149
2	Trisubstituted-Imidazoles Induce Apoptosis in Human Breast Cancer Cells by Targeting the Oncogenic PI3K/Akt/mTOR Signaling Pathway. <i>PLoS ONE</i> , 2016, 11, e0153155.	2.5	114
3	Synthesis of new bioactive venlafaxine analogs: Novel thiazolidin-4-ones as antimicrobials. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 2290-2299.	3.0	113
4	Synthesis of pharmaceutically important condensed heterocyclic 4,6-disubstituted-1,2,4-triazolo-1,3,4-thiadiazole derivatives as antimicrobials. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 531-538.	5.5	110
5	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. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 6157-6165.	3.0	100
6	Solution-phase synthesis of novel 2-isoxazoline libraries via 1,3-dipolar cycloaddition and their antifungal properties. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 4539-4544.	3.0	88
7	Targeting Heparanase in Cancer: Inhibition by Synthetic, Chemically Modified, and Natural Compounds. <i>IScience</i> , 2019, 15, 360-390.	4.1	81
8	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
9	Synthesis and characterization of novel 6-fluoro-4-piperidinyl-1,2-benzisoxazole amides and 6-fluoro-chroman-2-carboxamides: antimicrobial studies. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 2623-2628.	3.0	71
10	Involvement of chondroitin sulfate E in the liver tumor focal formation of murine osteosarcoma cells. <i>Glycobiology</i> , 2009, 19, 735-742.	2.5	66
11	Novel Synthetic Biscoumarins Target Tumor Necrosis Factor- $\alpha$ in Hepatocellular Carcinoma in Vitro and in Vivo. <i>Journal of Biological Chemistry</i> , 2014, 289, 31879-31890.	3.4	63
12	Novel synthetic coumarins that targets NF- $\kappa$ B in Hepatocellular carcinoma. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 893-897.	2.2	63
13	Brusatol, a Nrf2 Inhibitor Targets STAT3 Signaling Cascade in Head and Neck Squamous Cell Carcinoma. <i>Biomolecules</i> , 2019, 9, 550.	4.0	59
14	Bad phosphorylation as a target of inhibition in oncology. <i>Cancer Letters</i> , 2018, 415, 177-186.	7.2	58
15	Unconjugated Bilirubin exerts Pro-Apoptotic Effect on Platelets via p38-MAPK activation. <i>Scientific Reports</i> , 2015, 5, 15045.	3.3	56
16	Methotrexate Promotes Platelet Apoptosis via JNK-Mediated Mitochondrial Damage: Alleviation by N-Acetylcysteine and N-Acetylcysteine Amide. <i>PLoS ONE</i> , 2015, 10, e0127558.	2.5	55
17	Synthesis and Characterization of Novel 2-Amino-Chromene-Nitriles that Target Bcl-2 in Acute Myeloid Leukemia Cell Lines. <i>PLoS ONE</i> , 2014, 9, e107118.	2.5	54
18	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

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19	A small oxazine compound as an anti-tumor agent: A novel pyranoside mimetic that binds to VEGF, HB-EGF, and TNF- $\alpha$ . <i>Cancer Letters</i> , 2010, 297, 231-243.	7.2	50
20	Biologicals, platelet apoptosis and human diseases: An outlook. <i>Critical Reviews in Oncology/Hematology</i> , 2015, 93, 149-158.	4.4	49
21	Microwave-assisted synthesis of N-alkylated benzotriazole derivatives: Antimicrobial studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 999-1004.	2.2	46
22	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
23	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
24	Development of Novel Triazolo-Thiadiazoles from Heterogeneous $\alpha$ -Green-Catalysis as Protein Tyrosine Phosphatase 1B Inhibitors. <i>Scientific Reports</i> , 2015, 5, 14195.	3.3	44
25	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
26	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. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9381-9387.	2.8	43
27	Novel Adamantanyl-Based Thiadiazolyl Pyrazoles Targeting EGFR in Triple-Negative Breast Cancer. <i>ACS Omega</i> , 2016, 1, 1412-1424.	3.5	43
28	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
29	Synthesis and characterization of novel oxazines and demonstration that they specifically target cyclooxygenase 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2931-2936.	2.2	40
30	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
31	Novel $\beta$ -isoxazolines as group II phospholipase A 2 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3679-3681.	2.2	39
32	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
33	Simple and an efficient method for the synthesis of 1-[2-dimethylamino-1-(4-methoxy-phenyl)-ethyl]-cyclohexanol hydrochloride: ( $\pm$ ) venlafaxine racemic mixtures. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3279-3281.	2.2	38
34	Anti-cancer activity of novel dibenzo[b,f]azepine tethered isoxazoline derivatives. <i>BMC Chemical Biology</i> , 2012, 12, 5.	1.6	38
35	New cholinesterase inhibitors: synthesis and structure-activity relationship studies of 1,2-benzisoxazole series and novel imidazolyl-d2-isoxazolines. <i>Journal of Physical Organic Chemistry</i> , 2005, 18, 773-778.	1.9	37
36	Anti-tumor and anti-angiogenic activity of novel hydantoin derivatives: Inhibition of VEGF secretion in liver metastatic osteosarcoma cells. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 4928-4934.	3.0	37

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37	Synthesis, biological evaluation and <i>in silico</i> and <i>in vitro</i> mode-of-action analysis of novel dihydropyrimidones targeting PPAR- $\beta$ . RSC Advances, 2014, 4, 45143-45146.	3.6	37
38	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
39	Novel synthetic bisbenzimidazole that targets angiogenesis in Ehrlich ascites carcinoma bearing mice. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2589-2593.	2.2	37
40	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
41	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
42	A New Ibuprofen Derivative Inhibits Platelet Aggregation and ROS Mediated Platelet Apoptosis. PLoS ONE, 2014, 9, e107182.	2.5	35
43	N-Substituted Pyrido-1,4-Oxazin-3-Ones Induce Apoptosis of Hepatocellular Carcinoma Cells by Targeting NF- $\kappa$ B Signaling Pathway. Frontiers in Pharmacology, 2018, 9, 1125.	3.5	35
44	Synthesis of novel isoxazolidine derivatives and studies for their antifungal properties. European Journal of Medicinal Chemistry, 2003, 38, 613-619.	5.5	32
45	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
46	Anti-Tumor Activity of a Novel HS-Mimetic-Vascular Endothelial Growth Factor Binding Small Molecule. PLoS ONE, 2012, 7, e39444.	2.5	27
47	Synthesis and <i>in vitro</i> evaluation of hydrazinyl phthalazines against malaria parasite, Plasmodium falciparum. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3300-3306.	2.2	27
48	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
49	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
50	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
51	Stabilization of Cyclin-Dependent Kinase 4 by Methionyl-tRNA Synthetase in p16 <sup>INK4a</sup> -Negative Cancer. ACS Pharmacology and Translational Science, 2018, 1, 21-31.	4.9	25
52	Roles of glycosaminoglycans and glycanmimetics in tumor progression and metastasis. Glycoconjugate Journal, 2014, 31, 461-467.	2.7	24
53	Synthesis, characterization, antimicrobial and single crystal X-ray crystallographic studies of some new sulfonyl, 4-chloro phenoxy benzene and di-benzoazepine substituted benzamides. European Journal of Medicinal Chemistry, 2006, 41, 1262-1270.	5.5	23
54	Novel Apigenin Based Small Molecule that Targets Snake Venom Metalloproteases. PLoS ONE, 2014, 9, e106364.	2.5	21

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55	Synthesis and characterization of novel 1,2-oxazine-based small molecules that targets acetylcholinesterase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3618-3621.	2.2	21
56	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). <i>PLoS ONE</i> , 2015, 10, e0139798.	2.5	21
57	Neutralization of Haemorrhagic Activity of Viper Venoms by 1-(3-Dimethylaminopropyl)-1-(4-Fluorophenyl)-3-Oxo-1,3-Dihydroisobenzofuran-5-Carbonitrile. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011, 109, 292-299.	2.5	20
58	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
59	A novel small-molecule inhibitor of trefoil factor 3 (TFF3) potentiates MEK1/2 inhibition in lung adenocarcinoma. <i>Oncogenesis</i> , 2019, 8, 65.	4.9	18
60	N-Substituted-2-butyl-5-chloro-3H-imidazole-4-carbaldehyde Derivatives as Anti-tumor Agents Against Ehrlich Ascites tumor Cells In Vivo. <i>Medicinal Chemistry</i> , 2007, 3, 269-276.	1.5	17
61	2-(2-(2-Ethoxybenzoylamino)-4-chlorophenoxy)-N-(2-ethoxybenzoyl)benzamine inhibits EAT cell induced angiogenesis by down regulation of VEGF secretion. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 2775-2780.	2.2	17
62	Novel 1,3,4-oxadiazole Targets STAT3 Signaling to Induce Antitumor Effect in Lung Cancer. <i>Biomedicines</i> , 2020, 8, 368.	3.2	17
63	Novel Benzoxazine-Based Aglycones Block Glucose Uptake In Vivo by Inhibiting Glycosidases. <i>PLoS ONE</i> , 2014, 9, e102759.	2.5	15
64	Pharmacological Inhibition of TFF3 Enhances Sensitivity of CMS4 Colorectal Carcinoma to 5-Fluorouracil through Inhibition of p44/42 MAPK. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6215.	4.1	14
65	Synthesis and crystal structure of 5-allyl-5Hdibenzo[b,f]azepine. <i>Journal of Chemical Crystallography</i> , 2005, 35, 171-175.	1.1	13
66	Exploring the newer oxadiazoles as real inhibitors of human SIRT2 in hepatocellular cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127330.	2.2	12
67	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
68	A modified flavonoid accelerates oligodendrocyte maturation and functional remyelination. <i>Glia</i> , 2020, 68, 263-279.	4.9	10
69	Synthesis, characterization and in vitro evaluation of novel enantiomerically-pure sulphonamide antimalarials. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10681-10690.	2.8	9
70	Pharmacological Inhibition of BAD Ser99 Phosphorylation Enhances the Efficacy of Cisplatin in Ovarian Cancer by Inhibition of Cancer Stem Cell-like Behavior. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 1083-1099.	4.9	8
71	Synthesis and biological evaluation of tetrahydropyridinepyrazoles ("PFPs"™) as inhibitors of STAT3 phosphorylation. <i>MedChemComm</i> , 2014, 5, 32.	3.4	7
72	Triazole $\pi$ Pyridine Dicarbonitrile Targets Phosphodiesterase 4 to Induce Cytotoxicity in Lung Carcinoma Cells. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900234.	2.1	7

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73	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
74	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
75	Synthesis and molecular structure analysis of venlafaxine intermediate and its analog. Journal of Chemical Crystallography, 2005, 35, 957-963.	1.1	5
76	Synthesis and crystal structure analysis of 2-(4-methyl-2-phenyl)-4-amino-1,2,4-triazole-3-thiol. Structural Chemistry, 2006, 17, 91-95.	2.0	5
77	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
78	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
79	Preparation and use of combustion derived Bi <sub>2</sub> O <sub>3</sub> for the generation of novel heterocycles via Suzuki-Coupling Reactions: potential application as anti-cancer agents. RSC Advances, 0, , .	3.6	4
80	Nano-MoO <sub>3</sub> -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
81	Sulfated Ceria Catalyzed Synthesis of Imidazopyridines and Their Implementation as DNA Minor Groove Binders. Chemistry and Biodiversity, 2019, 16, e1800435.	2.1	3
82	Development of a New Arylation Reaction Catalyzed by Polymer Bound 1,3-(Bisbenzimidazolyl) Benzene Co(II) Complex and Generation of Bioactive Adamantane Amines. Catalysts, 2020, 10, 1315.	3.5	3
83	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
84	SYNTHESIS OF NOVEL ISOXAZOLIDINES VIA 1,3-DIPOLAR CYCLOADDITION OF NITRONES TO OLEFINS. Heterocyclic Communications, 2003, 9, .	1.2	2
85	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
86	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
87	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
88	(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