

Shobith Rangappa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6627702/publications.pdf>

Version: 2024-02-01

151
papers

4,350
citations

81743

39
h-index

138251

58
g-index

161
all docs

161
docs citations

161
times ranked

4352
citing authors

#	ARTICLE	IF	CITATIONS
1	Endophytic Fungi—Alternative Sources of Cytotoxic Compounds: A Review. <i>Frontiers in Pharmacology</i> , 2018, 9, 309.	1.6	185
2	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.	1.6	149
3	Modulating autophagy in cancer therapy: Advancements and challenges for cancer cell death sensitization. <i>Biochemical Pharmacology</i> , 2018, 147, 170-182.	2.0	138
4	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.	1.1	114
5	Synthesis of new bioactive venlafaxine analogs: Novel thiazolidin-4-ones as antimicrobials. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 2290-2299.	1.4	113
6	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.	2.6	110
7	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.	1.4	100
8	Brusatol suppresses STAT3-driven metastasis by downregulating epithelial-mesenchymal transition in hepatocellular carcinoma. <i>Journal of Advanced Research</i> , 2020, 26, 83-94.	4.4	100
9	Targeting STAT3 signaling pathway in cancer by agents derived from Mother Nature. <i>Seminars in Cancer Biology</i> , 2022, 80, 157-182.	4.3	92
10	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.	1.4	88
11	Breast Cancer Stem-Like Cells Are Inhibited by Diosgenin, a Steroidal Saponin, by the Attenuation of the Wnt β -Catenin Signaling via the Wnt Antagonist Secreted Frizzled Related Protein-4. <i>Frontiers in Pharmacology</i> , 2017, 8, 124.	1.6	83
12	Targeting Heparanase in Cancer: Inhibition by Synthetic, Chemically Modified, and Natural Compounds. <i>IScience</i> , 2019, 15, 360-390.	1.9	81
13	Novel 1,3,4-Oxadiazole Induces Anticancer Activity by Targeting NF- κ B in Hepatocellular Carcinoma Cells. <i>Frontiers in Oncology</i> , 2018, 8, 42.	1.3	76
14	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.	1.4	71
15	Involvement of chondroitin sulfate E in the liver tumor focal formation of murine osteosarcoma cells. <i>Glycobiology</i> , 2009, 19, 735-742.	1.3	66
16	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.	2.2	66
17	Novel Synthetic Biscoumarins Target Tumor Necrosis Factor- α in Hepatocellular Carcinoma in Vitro and in Vivo. <i>Journal of Biological Chemistry</i> , 2014, 289, 31879-31890.	1.6	63
18	Novel synthetic coumarins that targets NF- κ B in Hepatocellular carcinoma. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 893-897.	1.0	63

#	ARTICLE	IF	CITATIONS
19	Brusatol, a Nrf2 Inhibitor Targets STAT3 Signaling Cascade in Head and Neck Squamous Cell Carcinoma. <i>Biomolecules</i> , 2019, 9, 550.	1.8	59
20	Bad phosphorylation as a target of inhibition in oncology. <i>Cancer Letters</i> , 2018, 415, 177-186.	3.2	58
21	Unconjugated Bilirubin exerts Pro-Apoptotic Effect on Platelets via p38-MAPK activation. <i>Scientific Reports</i> , 2015, 5, 15045.	1.6	56
22	Methotrexate Promotes Platelet Apoptosis via JNK-Mediated Mitochondrial Damage: Alleviation by N-Acetylcysteine and N-Acetylcysteine Amide. <i>PLoS ONE</i> , 2015, 10, e0127558.	1.1	55
23	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.	1.1	54
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 TNF α by abrogating NF- κ B activation cascade. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 145-157.	2.2	53
25	A small oxazine compound as an anti-tumor agent: A novel pyranoside mimetic that binds to VEGF, HB-EGF, and TNF α . <i>Cancer Letters</i> , 2010, 297, 231-243.	3.2	50
26	The κ B Kinase Inhibitor ACHP Targets the STAT3 Signaling Pathway in Human Non-Small Cell Lung Carcinoma Cells. <i>Biomolecules</i> , 2019, 9, 875.	1.8	50
27	Biologicals, platelet apoptosis and human diseases: An outlook. <i>Critical Reviews in Oncology/Hematology</i> , 2015, 93, 149-158.	2.0	49
28	Benzimidazole analogues as efficient arsenals in war against methicillin-resistance staphylococcus aureus (MRSA) and its SAR studies. <i>Bioorganic Chemistry</i> , 2021, 115, 105175.	2.0	49
29	Vitexin abrogates invasion and survival of hepatocellular carcinoma cells through targeting STAT3 signaling pathway. <i>Biochimie</i> , 2020, 175, 58-68.	1.3	47
30	Microwave-assisted synthesis of N-alkylated benzotriazole derivatives: Antimicrobial studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 999-1004.	1.0	46
31	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.	3.3	45
32	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.	1.0	45
33	Development of Novel Triazolo-Thiadiazoles from Heterogeneous α -Green-Catalysis as Protein Tyrosine Phosphatase 1B Inhibitors. <i>Scientific Reports</i> , 2015, 5, 14195.	1.6	44
34	Identification of Novel Class of Triazolo-Thiadiazoles as Potent Inhibitors of Human Heparanase and their Anticancer Activity. <i>BMC Cancer</i> , 2017, 17, 235.	1.1	44
35	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.	1.5	43
36	Novel Adamantanyl-Based Thiadiazolyl Pyrazoles Targeting EGFR in Triple-Negative Breast Cancer. <i>ACS Omega</i> , 2016, 1, 1412-1424.	1.6	43

#	ARTICLE	IF	CITATIONS
37	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.	1.4	41
38	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.	1.0	40
39	Adamantyl-tethered-biphenylic compounds induce apoptosis in cancer cells by targeting Bcl homologs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1056-1060.	1.0	40
40	Novel \hat{I}^2 -isoxazolines as group II phospholipase A 2 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3679-3681.	1.0	39
41	Novel Synthetic Oxazines Target NF- \hat{I}^B in Colon Cancer In Vitro and Inflammatory Bowel Disease In Vivo. <i>PLoS ONE</i> , 2016, 11, e0163209.	1.1	39
42	Simple and an efficient method for the synthesis of 1-[2-dimethylamino-1-(4-methoxy-phenyl)-ethyl]-cyclohexanol hydrochloride: ($\hat{A}\pm$) venlafaxine racemic mixtures. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3279-3281.	1.0	38
43	Conformational Studies on Five Octasaccharides Isolated from Chondroitin Sulfate Using NMR Spectroscopy and Molecular Modeling. <i>Biochemistry</i> , 2007, 46, 1167-1175.	1.2	38
44	Anti-cancer activity of novel dibenzo[b,f]azepine tethered isoxazoline derivatives. <i>BMC Chemical Biology</i> , 2012, 12, 5.	1.6	38
45	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.	0.9	37
46	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.	1.4	37
47	Synthesis, biological evaluation and <i>in silico</i> and <i>in vitro</i> mode-of-action analysis of novel dihydropyrimidones targeting PPAR- \hat{I}^3 . <i>RSC Advances</i> , 2014, 4, 45143-45146.	1.7	37
48	Microwave-assisted synthesis, characterization and cytotoxic studies of novel estrogen receptor $\hat{I}\pm$ ligands towards human breast cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1804-1807.	1.0	37
49	Novel synthetic bisbenzimidazole that targets angiogenesis in Ehrlich ascites carcinoma bearing mice. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2589-2593.	1.0	37
50	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.	3.3	37
51	Small Molecule Targeting Malaria Merozoite Surface Protein-1 (MSP-1) Prevents Host Invasion of Divergent Plasmodial Species. <i>Journal of Infectious Diseases</i> , 2014, 210, 1616-1626.	1.9	36
52	Chondroitinase-mediated Degradation of Rare 3-O-Sulfated Glucuronic Acid in Functional Oversulfated Chondroitin Sulfate K and E. <i>Journal of Biological Chemistry</i> , 2007, 282, 36895-36904.	1.6	35
53	A New Ibuprofen Derivative Inhibits Platelet Aggregation and ROS Mediated Platelet Apoptosis. <i>PLoS ONE</i> , 2014, 9, e107182.	1.1	35
54	N-Substituted Pyrido-1,4-Oxazin-3-Ones Induce Apoptosis of Hepatocellular Carcinoma Cells by Targeting NF- \hat{I}^B Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2018, 9, 1125.	1.6	35

#	ARTICLE	IF	CITATIONS
55	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.	2.3	34
56	Synthesis of novel isoxazolidine derivatives and studies for their antifungal properties. <i>European Journal of Medicinal Chemistry</i> , 2003, 38, 613-619.	2.6	32
57	Novel oxolane derivative DMTD mitigates high glucose-induced erythrocyte apoptosis by regulating oxidative stress. <i>Toxicology and Applied Pharmacology</i> , 2017, 334, 167-179.	1.3	30
58	Bacteria as a treasure house of secondary metabolites with anticancer potential. <i>Seminars in Cancer Biology</i> , 2022, 86, 998-1013.	4.3	29
59	Anti-Tumor Activity of a Novel HS-Mimetic-Vascular Endothelial Growth Factor Binding Small Molecule. <i>PLoS ONE</i> , 2012, 7, e39444.	1.1	27
60	Synthesis and in vitro evaluation of hydrazinyl phthalazines against malaria parasite, <i>Plasmodium falciparum</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3300-3306.	1.0	27
61	A One Pot Synthesis of Novel Bioactive Tri-Substitute-Condensed-Imidazopyridines that Targets Snake Venom Phospholipase A2. <i>PLoS ONE</i> , 2015, 10, e0131896.	1.1	26
62	Pro-apoptotic activity of imidazole derivatives mediated by up-regulation of Bax and activation of CAD in Ehrlich Ascites Tumor cells. <i>Investigational New Drugs</i> , 2007, 25, 343-350.	1.2	25
63	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.	1.4	25
64	A trisubstituted pyrazole derivative reduces DMBA-induced mammary tumor growth in rats by inhibiting estrogen receptor- α expression. <i>Molecular and Cellular Biochemistry</i> , 2018, 449, 137-144.	1.4	25
65	Stabilization of Cyclin-Dependent Kinase 4 by Methionyl-tRNA Synthetase in p16 ^{INK4a} -Negative Cancer. <i>ACS Pharmacology and Translational Science</i> , 2018, 1, 21-31.	2.5	25
66	Brucein D modulates MAPK signaling cascade to exert multi-faceted anti-neoplastic actions against breast cancer cells. <i>Biochimie</i> , 2021, 182, 140-151.	1.3	25
67	Crocetin imparts antiproliferative activity via inhibiting STAT3 signaling in hepatocellular carcinoma. <i>IUBMB Life</i> , 2021, 73, 1348-1362.	1.5	25
68	Roles of glycosaminoglycans and glycanmimetics in tumor progression and metastasis. <i>Glycoconjugate Journal</i> , 2014, 31, 461-467.	1.4	24
69	Synthesis, characterization, antimicrobial and single crystal X-ray crystallographic studies of some new sulfonyl, 4-chloro phenoxy benzene and dibenzoazepine substituted benzamides. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 1262-1270.	2.6	23
70	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.	1.7	23
71	Novel Apigenin Based Small Molecule that Targets Snake Venom Metalloproteases. <i>PLoS ONE</i> , 2014, 9, e106364.	1.1	21
72	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.	1.0	21

#	ARTICLE	IF	CITATIONS
73	A Nano-MgO and Ionic Liquid-Catalyzed "Green"™ Synthesis Protocol for the Development of Adamantyl-Imidazo-Thiadiazoles as Anti-Tuberculosis Agents Targeting Sterol 14 α -Demethylase (CYP51). PLoS ONE, 2015, 10, e0139798.	1.1	21
74	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.	1.2	20
75	Nano-cuprous oxide catalyzed one-pot synthesis of a carbazole-based STAT3 inhibitor: a facile approach via intramolecular C=N bond formation reactions. RSC Advances, 2016, 6, 36775-36785.	1.7	19
76	Cheminformatics-Based Drug Design Approach for Identification of Inhibitors Targeting the Characteristic Residues of MMP-13 Hemopexin Domain. PLoS ONE, 2010, 5, e12494.	1.1	18
77	An Easy and Efficient Method for the Synthesis of Quinoxalines Using Recyclable and Heterogeneous Nanomagnetic-Supported Acid Catalyst under Solvent-Free Condition. ChemistrySelect, 2018, 3, 5228-5232.	0.7	18
78	A novel small-molecule inhibitor of trefoil factor 3 (TFF3) potentiates MEK1/2 inhibition in lung adenocarcinoma. Oncogenesis, 2019, 8, 65.	2.1	18
79	Release of HER2 repression of trefoil factor 3 (TFF3) expression mediates trastuzumab resistance in HER2+/ER+ mammary carcinoma. Oncotarget, 2017, 8, 74188-74208.	0.8	18
80	Coumarin derivative as a potent drug candidate against triple negative breast cancer targeting the frizzled receptor of wingless-related integration site signaling pathway. Journal of Biomolecular Structure and Dynamics, 2023, 41, 1561-1573.	2.0	18
81	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.	0.7	17
82	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.	1.0	17
83	Novel 1,3,4-oxadiazole Targets STAT3 Signaling to Induce Antitumor Effect in Lung Cancer. Biomedicines, 2020, 8, 368.	1.4	17
84	Novel Benzoxazine-Based Aglycones Block Glucose Uptake In Vivo by Inhibiting Glycosidases. PLoS ONE, 2014, 9, e102759.	1.1	15
85	3-Formylchromone Counteracts STAT3 Signaling Pathway by Elevating SHP-2 Expression in Hepatocellular Carcinoma. Biology, 2022, 11, 29.	1.3	15
86	Inhibition of TFF3 Enhances Sensitivity and Overcomes Acquired Resistance to Doxorubicin in Estrogen Receptor-Positive Mammary Carcinoma. Cancers, 2019, 11, 1528.	1.7	14
87	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.	1.8	14
88	Novel Biphenyl Amines Inhibit Oestrogen Receptor (ER)- α in ER-Positive Mammary Carcinoma Cells. Molecules, 2021, 26, 783.	1.7	14
89	Synthesis and crystal structure of 5-allyl-5Hdibenzo[b,f]azepine. Journal of Chemical Crystallography, 2005, 35, 171-175.	0.5	13
90	Determination of iduronic acid and glucuronic acid in sulfated chondroitin/dermatan hybrid chains by 1H-nuclear magnetic resonance spectroscopy. Glycoconjugate Journal, 2008, 25, 603-610.	1.4	12

#	ARTICLE	IF	CITATIONS
91	Exploring the newer oxadiazoles as real inhibitors of human SIRT2 in hepatocellular cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127330.	1.0	12
92	Cyclization of Activated Methylene Isocyanides with Methyl N(N),Nâ€²-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.	0.8	11
93	Identification of a novel 1,2 oxazine that can induce apoptosis by targeting NF-Î²B in hepatocellular carcinoma cells. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020, 25, e00438.	2.1	11
94	A modified flavonoid accelerates oligodendrocyte maturation and functional remyelination. <i>Glia</i> , 2020, 68, 263-279.	2.5	10
95	Papaverine, a Phosphodiesterase 10A Inhibitor, Ameliorates Quinolinic Acid-Induced Synaptotoxicity in Human Cortical Neurons. <i>Neurotoxicity Research</i> , 2021, 39, 1238-1250.	1.3	10
96	Trefoil factor 3 promotes pancreatic carcinoma progression via WNT pathway activation mediated by enhanced WNT ligand expression. <i>Cell Death and Disease</i> , 2022, 13, 265.	2.7	10
97	Synthesis, characterization and in vitro evaluation of novel enantiomerically-pure sulphonamide antimalarials. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10681-10690.	1.5	9
98	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.	0.2	9
99	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.	2.5	8
100	New Heparanase-Inhibiting Triazolo-Thiadiazoles Attenuate Primary Tumor Growth and Metastasis. <i>Cancers</i> , 2021, 13, 2959.	1.7	8
101	Identification of Î²â€œaminopyrrolidine containing peptides as Î²â€œamyloid aggregation inhibitors for Alzheimer's disease. <i>Journal of Peptide Science</i> , 2022, 28, e3386.	0.8	8
102	Synthesis and biological evaluation of tetrahydropyridinepyrazoles (â€ˆPFPsâ€™) as inhibitors of STAT3 phosphorylation. <i>MedChemComm</i> , 2014, 5, 32.	3.5	7
103	Synthesis of Coumarin-benzotriazole Hybrids and Evaluation of their Anti-tubercular Activity. <i>Letters in Organic Chemistry</i> , 2017, 15, .	0.2	7
104	Triazoleâ€œPyridine Dicarbonitrile Targets Phosphodiesterase 4 to Induce Cytotoxicity in Lung Carcinoma Cells. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900234.	1.0	7
105	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.	1.0	7
106	Î³-2-ISOXAZOLINE DERIVATIVES AS ANTIMICROBIALS. <i>Heterocyclic Communications</i> , 2006, 12, .	0.6	6
107	MOLPRINT 2D-based identification and synthesis of novel chromene based small molecules that target PLA2: validation through chemo- and bioinformatics approaches. <i>RSC Advances</i> , 2015, 5, 89797-89808.	1.7	6
108	Design, Synthesis, Characterization, and Crystal Structure Studies of Nrf2 Modulators for Inhibiting Cancer Cell Growth In Vitro and In Vivo. <i>ACS Omega</i> , 2021, 6, 10054-10071.	1.6	6

#	ARTICLE	IF	CITATIONS
109	Design and Activity of Novel Oxadiazole Based Compounds That Target Poly(ADP-ribose) Polymerase. <i>Molecules</i> , 2022, 27, 703.	1.7	6
110	Synthesis and molecular structure analysis of venlafaxine intermediate and its analog. <i>Journal of Chemical Crystallography</i> , 2005, 35, 957-963.	0.5	5
111	Synthesis and crystal structure analysis of 2-(4-methyl-2-biphenyl)-4-amino-1,2,4-triazole-3-thiol. <i>Structural Chemistry</i> , 2006, 17, 91-95.	1.0	5
112	Synthesis, characterization and in vitro anti-tumor activities of novel 9-ethyl-9H-purine derivatives. <i>Investigational New Drugs</i> , 2010, 28, 754-765.	1.2	5
113	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.	2.0	5
114	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.	0.9	5
115	Pyrrolidine-based cationic β -peptide: a DNA-binding molecule works as a potent anti-gene agent. <i>Medicinal Chemistry Research</i> , 2022, 31, 507-516.	1.1	5
116	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.	1.7	5
117	Combined inhibition of BADSer99 phosphorylation and PARP ablates models of recurrent ovarian carcinoma. <i>Communications Medicine</i> , 2022, 2, .	1.9	5
118	A facile route for the synthesis of novel β -lactams. <i>Journal of Heterocyclic Chemistry</i> , 2003, 40, 607-609.	1.4	4
119	Preparation and use of combustion derived Bi ₂ O ₃ for the generation of novel heterocycles via Suzuki-Coupling Reactions: potential application as anti-cancer agents. <i>RSC Advances</i> , 0, , .	1.7	4
120	Nano-MoO ₃ -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. <i>New Journal of Chemistry</i> , 2016, 40, 2189-2199.	1.4	4
121	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.	0.7	4
122	Inhibition of BAD-Ser99 phosphorylation synergizes with PARP inhibition to ablate PTEN-deficient endometrial carcinoma. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	4
123	A Simple and Efficient Method for the Synthesis of 1,2-Benzisoxazoles: A Series of Its Potent Acetylcholinesterase Inhibitors.. <i>ChemInform</i> , 2005, 36, no.	0.1	3
124	Crystal Structure of a Bioactive Intermediate: 1-Benzhydrylpiperazine. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006, 22, X41-X42.	0.1	3
125	Sulfated Ceria Catalyzed Synthesis of Imidazopyridines and Their Implementation as DNA Minor Groove Binders. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800435.	1.0	3
126	Development of a New Arylamination Reaction Catalyzed by Polymer Bound 1,3-(Bisbenzimidazolyl) Benzene Co(II) Complex and Generation of Bioactive Adamanate Amines. <i>Catalysts</i> , 2020, 10, 1315.	1.6	3

#	ARTICLE	IF	CITATIONS
127	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.	1.1	3
128	Leelamine Exerts Antineoplastic Effects in Association with Modulating Mitogen-Activated Protein Kinase Signaling Cascade. <i>Nutrition and Cancer</i> , 2022, 74, 3375-3387.	0.9	3
129	SYNTHESIS OF NOVEL ISOXAZOLIDINES VIA 1,3-DIPOLAR CYCLOADDITION OF NITRONES TO OLEFINS. <i>Heterocyclic Communications</i> , 2003, 9, .	0.6	2
130	Synthesis and X-ray Crystal Studies of 6-(2-chlorophenyl)-3-methyl[1,2,4]triazolo[4,5-b][1,3,4]thiadiazole. <i>Journal of Chemical Research</i> , 2005, 2005, 238-239.	0.6	2
131	Synthesis and X-ray structure of 3-(4-methyl phenyl)-2-(4-biphenyl)-1,3-thiazolidin-4-one. <i>Journal of Chemical Crystallography</i> , 2005, 35, 67-70.	0.5	2
132	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.	0.1	2
133	Microwave-Assisted Synthesis and Crystal Structure of 2-Butyl-4-chloro-1H-imidazole-5-carboxaldehyde. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2003, 19, X31-X32.	0.1	1
134	Crystal Structure of 3-para tolyl-6-(4'-methyl-biphenyl-2-yl)-[1,2,4]triazolo[3,4-b][1,3,4]thiadiazole. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006, 22, X221-X222.	0.1	1
135	Crystal Structure of 2-Ethoxy-N-[4-(pyrimidin-2-yl)sulfamoyl]-phenyl]-benzamide. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006, 22, X235-X236.	0.1	1
136	Synthesis and crystal structure studies of (2RS)-3-[(2RS)-2-(1-hydroxycyclohexyl)-2-(4-methoxyphenyl)ethyl]-2-(pyridin-3-yl)thiazolidin-4-one. <i>Journal of Chemical Research</i> , 2006, 2006, 312-314.	0.6	1
137	Crystal and Molecular Structure Analysis of 1,2,4-Triazolo-N-amino-thiols. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 457, 215-223.	0.4	1
138	Investigation of NPB Analogs That Target Phosphorylation of BAD-Ser99 in Human Mammary Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11002.	1.8	1
139	Synthesis and crystal structure of 1-ethyl-3-(phenyl)-1,2,3-triazolium perchlorate. <i>Open Chemistry</i> , 2003, 1, 477-490.	1.0	0
140	Synthesis of Novel Isoxazolidine Derivatives and Studies for Their Antifungal Properties.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
141	Synthesis and X-ray crystal structure studies of 1-ethyl-3-(2-chlorophenyl)-1,2,3-triazolium perchlorate. <i>Journal of Chemical Crystallography</i> , 2004, 34, 141-145.	0.5	0
142	Novel Î²-Isoxazolines as Group II Phospholipase A2 Inhibitors.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
143	2-(Biphenyl-4-yl)-3-(4-methoxyphenyl)-1,3-thiazolidin-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o2315-o2317.	0.2	0
144	Synthesis and Crystal Structure of 3,4,5-Trimethoxybenzaldehyde oxime monohydrate. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006, 22, X161-X162.	0.1	0

#	ARTICLE	IF	CITATIONS
145	Crystal Structure of a Bioactive 4-Bromomethyl-biphenyl-2-carboxylic Acid tert-Butyl Ester. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006, 22, x179-x180.	0.1	0
146	Synthesis and Crystal Structure of 5-Ethyl-2-[2-(4-nitrophenoxy)ethyl]-pyridine. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006, 22, X263-X264.	0.1	0
147	Crystal Structure of Bioactive Venlafaxine Analog: 3-(2-(1-Hydroxycyclohexyl)-2-(4-methoxyphenyl)ethyl)-2-(4-hydroxyphenyl)-thiazolidin-4-one. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006, 22, X99-X100.	0.1	0
148	(2-Ethoxyphenyl)[4-(6-fluorobenzo[d]isoxazol-3-yl)piperidin-1-yl]methanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o642-o643.	0.2	0
149	N-[4-Cyano-3-(trifluoromethyl)phenyl]-2-ethoxybenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o1533-o1533.	0.2	0
150	N-[4-Cyano-3-(trifluoromethyl)phenyl]-2-methoxybenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o198-o198.	0.2	0
151	Anti-proliferative activity and characterization data on oxadiazole derivatives. <i>Data in Brief</i> , 2020, 31, 105979.	0.5	0