

Shobith Rangappa

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6627702/shobith-rangappa-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

144
papers

3,083
citations

34
h-index

49
g-index

161
ext. papers

3,763
ext. citations

4.2
avg, IF

5.07
L-index

#	Paper	IF	Citations
144	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, 34296-307	5.4	111
143	Modulating autophagy in cancer therapy: Advancements and challenges for cancer cell death sensitization. <i>Biochemical Pharmacology</i> , 2018 , 147, 170-182	6	108
142	Endophytic Fungi-Alternative Sources of Cytotoxic Compounds: A Review. <i>Frontiers in Pharmacology</i> , 2018 , 9, 309	5.6	105
141	Synthesis of new bioactive venlafaxine analogs: novel thiazolidin-4-ones as antimicrobials. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 2290-9	3.4	102
140	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, 531-8	6.8	93
139	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	3.7	84
138	Solution-phase synthesis of novel delta2-isoxazoline libraries via 1,3-dipolar cycloaddition and their antifungal properties. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 4539-44	3.4	83
137	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, 6157-65	3.4	74
136	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, 2623-8	3.4	65
135	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	5.6	60
134	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	5.4	54
133	Brusatol suppresses STAT3-driven metastasis by downregulating epithelial-mesenchymal transition in hepatocellular carcinoma. <i>Journal of Advanced Research</i> , 2020 , 26, 83-94	13	54
132	Involvement of chondroitin sulfate E in the liver tumor focal formation of murine osteosarcoma cells. <i>Glycobiology</i> , 2009 , 19, 735-42	5.8	53
131	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	5.3	52
130	Novel synthetic coumarins that targets NF- κ B in Hepatocellular carcinoma. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 893-7	2.9	52
129	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	5.4	51
128	Unconjugated Bilirubin exerts Pro-Apoptotic Effect on Platelets via p38-MAPK activation. <i>Scientific Reports</i> , 2015 , 5, 15045	4.9	48

127	Targeting STAT3 signaling pathway in cancer by agents derived from Mother Nature. <i>Seminars in Cancer Biology</i> , 2020 , 80, 157-157	12.7	47
126	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	3.7	46
125	Targeting Heparanase in Cancer: Inhibition by Synthetic, Chemically Modified, and Natural Compounds. <i>IScience</i> , 2019 , 15, 360-390	6.1	45
124	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, 231-43	9.9	44
123	Methotrexate Promotes Platelet Apoptosis via JNK-Mediated Mitochondrial Damage: Alleviation by N-Acetylcysteine and N-Acetylcysteine Amide. <i>PLoS ONE</i> , 2015 , 10, e0127558	3.7	42
122	Microwave-assisted synthesis of N-alkylated benzotriazole derivatives: antimicrobial studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 999-1004	2.9	42
121	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 β by abrogating NF- κ B activation cascade. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017 , 22, 145-157	5.4	41
120	Biologicals, platelet apoptosis and human diseases: An outlook. <i>Critical Reviews in Oncology/Hematology</i> , 2015 , 93, 149-58	7	39
119	Brusatol, a Nrf2 Inhibitor Targets STAT3 Signaling Cascade in Head and Neck Squamous Cell Carcinoma. <i>Biomolecules</i> , 2019 , 9,	5.9	38
118	Identification of Novel Class of Triazolo-Thiadiazoles as Potent Inhibitors of Human Heparanase and their Anticancer Activity. <i>BMC Cancer</i> , 2017 , 17, 235	4.8	38
117	Novel delta2-isoxazolines as group II phospholipase A2 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 3679-81	2.9	37
116	Bad phosphorylation as a target of inhibition in oncology. <i>Cancer Letters</i> , 2018 , 415, 177-186	9.9	37
115	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, 9381-7	3.9	36
114	Novel synthetic bisbenzimidazole that targets angiogenesis in Ehrlich ascites carcinoma bearing mice. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 2589-93	2.9	35
113	The IB Kinase Inhibitor ACHP Targets the STAT3 Signaling Pathway in Human Non-Small Cell Lung Carcinoma Cells. <i>Biomolecules</i> , 2019 , 9,	5.9	35
112	Novel Adamantanyl-Based Thiadiazolyl Pyrazoles Targeting EGFR in Triple-Negative Breast Cancer. <i>ACS Omega</i> , 2016 , 1, 1412-1424	3.9	34
111	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	11.5	34
110	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	3.9	34

109	Conformational studies on five octasaccharides isolated from chondroitin sulfate using NMR spectroscopy and molecular modeling. <i>Biochemistry</i> , 2007 , 46, 1167-75	3.2	33
108	Vitexin abrogates invasion and survival of hepatocellular carcinoma cells through targeting STAT3 signaling pathway. <i>Biochimie</i> , 2020 , 175, 58-68	4.6	33
107	Development of Novel Triazolo-Thiadiazoles from Heterogeneous "Green" Catalysis as Protein Tyrosine Phosphatase 1B Inhibitors. <i>Scientific Reports</i> , 2015 , 5, 14195	4.9	32
106	Synthesis and characterization of novel oxazines and demonstration that they specifically target cyclooxygenase 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 2931-6	2.9	32
105	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, 1221-9	4.4	32
104	Anti-cancer activity of novel dibenzo[b,f]azepine tethered isoxazoline derivatives. <i>BMC Chemical Biology</i> , 2012 , 12, 5		30
103	Simple and an efficient method for the synthesis of 1-[2-dimethylamino-1-(4-methoxy-phenyl)-ethyl]-cyclohexanol hydrochloride: (+/-) venlafaxine racemic mixtures. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 3279-81	2.9	30
102	Novel Synthetic Oxazines Target NF- κ B in Colon Cancer In Vitro and Inflammatory Bowel Disease In Vivo. <i>PLoS ONE</i> , 2016 , 11, e0163209	3.7	30
101	Adamantyl-tethered-biphenylic compounds induce apoptosis in cancer cells by targeting Bcl homologs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 1056-1060	2.9	29
100	A new ibuprofen derivative inhibits platelet aggregation and ROS mediated platelet apoptosis. <i>PLoS ONE</i> , 2014 , 9, e107182	3.7	29
99	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, 4928-34	3.4	29
98	Synthesis of novel isoxazolidine derivatives and studies for their antifungal properties. <i>European Journal of Medicinal Chemistry</i> , 2003 , 38, 613-9	6.8	29
97	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, 1616-26	7	27
96	Microwave-assisted synthesis, characterization and cytotoxic studies of novel estrogen receptor β ligands towards human breast cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 1804-1807	2.9	27
95	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, 36895-904	5.4	27
94	Synthesis and in vitro evaluation of hydrazinyl phthalazines against malaria parasite, Plasmodium falciparum. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 3300-3306	2.9	25
93	Synthesis, biological evaluation and in silico and in vitro mode-of-action analysis of novel dihydropyrimidones targeting PPAR- α . <i>RSC Advances</i> , 2014 , 4, 45143-45146	3.7	24
92	A One Pot Synthesis of Novel Bioactive Tri-Substitute-Condensed-Imidazopyridines that Targets Snake Venom Phospholipase A2. <i>PLoS ONE</i> , 2015 , 10, e0131896	3.7	24

91	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	2.1	24
90	Anti-tumor activity of a novel HS-mimetic-vascular endothelial growth factor binding small molecule. <i>PLoS ONE</i> , 2012 , 7, e39444	3.7	23
89	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, 343-50	4.3	22
88	N-Substituted Pyrido-1,4-Oxazin-3-Ones Induce Apoptosis of Hepatocellular Carcinoma Cells by Targeting NF-B Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1125	5.6	22
87	Novel oxolane derivative DMTD mitigates high glucose-induced erythrocyte apoptosis by regulating oxidative stress. <i>Toxicology and Applied Pharmacology</i> , 2017 , 334, 167-179	4.6	20
86	Roles of glycosaminoglycans and glycanmimetics in tumor progression and metastasis. <i>Glycoconjugate Journal</i> , 2014 , 31, 461-7	3	20
85	Synthesis and characterization of novel 1,2-oxazine-based small molecules that targets acetylcholinesterase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 3618-21	2.9	19
84	Novel apigenin based small molecule that targets snake venom metalloproteases. <i>PLoS ONE</i> , 2014 , 9, e106364	3.7	18
83	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, 1262-70	6.8	18
82	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, 137-51	4.2	17
81	A Nano-MgO and Ionic Liquid-Catalyzed 'Green' Synthesis Protocol for the Development of Adamantyl-Imidazolo-Thiadiazoles as Anti-Tuberculosis Agents Targeting Sterol 14 β -Demethylase (CYP51). <i>PLoS ONE</i> , 2015 , 10, e0139798	3.7	17
80	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, 292-9	3.1	17
79	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	6	17
78	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, 2775-80	2.9	16
77	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, 269-76	1.8	15
76	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	3.7	15
75	Novel benzoxazine-based aglycones block glucose uptake in vivo by inhibiting glycosidases. <i>PLoS ONE</i> , 2014 , 9, e102759	3.7	14
74	Release of HER2 repression of trefoil factor 3 (TFF3) expression mediates trastuzumab resistance in HER2+/ER+ mammary carcinoma. <i>Oncotarget</i> , 2017 , 8, 74188-74208	3.3	14

73	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	11.2	14
72	A trisubstituted pyrazole derivative reduces DMBA-induced mammary tumor growth in rats by inhibiting estrogen receptor- β expression. <i>Molecular and Cellular Biochemistry</i> , 2018 , 449, 137-144	4.2	13
71	Stabilization of Cyclin-Dependent Kinase 4 by Methionyl-tRNA Synthetase in p16-Negative Cancer. <i>ACS Pharmacology and Translational Science</i> , 2018 , 1, 21-31	5.9	12
70	Cheminformatics-based drug design approach for identification of inhibitors targeting the characteristic residues of MMP-13 hemopexin domain. <i>PLoS ONE</i> , 2010 , 5, e12494	3.7	11
69	Determination of iduronic acid and glucuronic acid in sulfated chondroitin/dermatan hybrid chains by (1)H-nuclear magnetic resonance spectroscopy. <i>Glycoconjugate Journal</i> , 2008 , 25, 603-10	3	11
68	Synthesis and crystal structure of 5-allyl-5Hdibenzo[b,f]azepine. <i>Journal of Chemical Crystallography</i> , 2005 , 35, 171-175	0.5	10
67	Brucein D modulates MAPK signaling cascade to exert multi-faceted anti-neoplastic actions against breast cancer cells. <i>Biochimie</i> , 2021 , 182, 140-151	4.6	10
66	Benzimidazole analogues as efficient arsenals in war against methicillin-resistance staphylococcus aureus (MRSA) and its SAR studies. <i>Bioorganic Chemistry</i> , 2021 , 115, 105175	5.1	10
65	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	1.8	9
64	Novel 1,3,4-oxadiazole Targets STAT3 Signaling to Induce Antitumor Effect in Lung Cancer. <i>Biomedicines</i> , 2020 , 8,	4.8	8
63	Crocetin imparts antiproliferative activity via inhibiting STAT3 signaling in hepatocellular carcinoma. <i>IUBMB Life</i> , 2021 , 73, 1348-1362	4.7	8
62	Inhibition of TFF3 Enhances Sensitivity-and Overcomes Acquired Resistance-to Doxorubicin in Estrogen Receptor-Positive Mammary Carcinoma. <i>Cancers</i> , 2019 , 11,	6.6	7
61	Synthesis and Biological Evaluation of Novel Thiazol-2yl-amine Derivatives as Potential Anticancer Agents. <i>Letters in Organic Chemistry</i> , 2018 , 15, 270-281	0.6	7
60	Bacteria as a treasure house of secondary metabolites with anticancer potential. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	7
59	Synthesis, characterization and in vitro evaluation of novel enantiomerically-pure sulphonamide antimalarials. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 10681-90	3.9	6
58	Cyclization of Activated Methylene Isocyanides with Methyl N(N),N?(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	0.7	6
57	Triazole-Pyridine Dicarbonitrile Targets Phosphodiesterase 4 to Induce Cytotoxicity in Lung Carcinoma Cells. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1900234	2.5	6
56	A novel small-molecule inhibitor of trefoil factor 3 (TFF3) potentiates MEK1/2 inhibition in lung adenocarcinoma. <i>Oncogenesis</i> , 2019 , 8, 65	6.6	6

55	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,	6.3	6
54	Identification of a novel 1,2 oxazine that can induce apoptosis by targeting NF- κ B in hepatocellular carcinoma cells. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020 , 25, e00438	5.3	5
53	Synthesis and biological evaluation of tetrahydropyridinepyrazoles (TFPs) as inhibitors of STAT3 phosphorylation. <i>MedChemComm</i> , 2014 , 5, 32	5	5
52	Synthesis, characterization and in vitro anti-tumor activities of novel 9-ethyl-9H-purine derivatives. <i>Investigational New Drugs</i> , 2010 , 28, 754-65	4.3	5
51	β -ISOXAZOLINE DERIVATIVES AS ANTIMICROBIALS. <i>Heterocyclic Communications</i> , 2006 , 12,	1.7	5
50	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,	6.6	5
49	A modified flavonoid accelerates oligodendrocyte maturation and functional remyelination. <i>Glia</i> , 2020 , 68, 263-279	9	5
48	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	3.7	4
47	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	1.8	4
46	3-Formylchromone Counteracts STAT3 Signaling Pathway by Elevating SHP-2 Expression in Hepatocellular Carcinoma.. <i>Biology</i> , 2021 , 11,	4.9	4
45	Exploring the newer oxadiazoles as real inhibitors of human SIRT2 in hepatocellular cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127330	2.9	3
44	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	3.6	3
43	Preparation and use of combustion-derived Bi ₂ O ₃ for the synthesis of heterocycles with anti-cancer properties by Suzuki-coupling reactions. <i>RSC Advances</i> , 2014 ,	3.7	3
42	Synthesis of Coumarin-benzotriazole Hybrids and Evaluation of their Anti-tubercular Activity. <i>Letters in Organic Chemistry</i> , 2017 , 15,	0.6	3
41	Crystal Structure of a Bioactive Intermediate: 1-Benzhydrylpiperazine. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X41-X42		3
40	A facile route for the synthesis of novel β -lactams. <i>Journal of Heterocyclic Chemistry</i> , 2003 , 40, 607-609	1.9	3
39	Synthesis and molecular structure analysis of venlafaxine intermediate and its analog. <i>Journal of Chemical Crystallography</i> , 2005 , 35, 957-963	0.5	3
38	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	5.9	3

37	Novel Biphenyl Amines Inhibit Oestrogen Receptor (ER)- β in ER-Positive Mammary Carcinoma Cells. <i>Molecules</i> , 2021 , 26,	4.8	3
36	Sulfated Ceria Catalyzed Synthesis of Imidazopyridines and Their Implementation as DNA Minor Groove Binders. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1800435	2.5	2
35	Synthesis of CC, CN coupled novel substituted dibutyl benzothiazepinone derivatives and evaluation of their thrombin inhibitory activity. <i>Bioorganic Chemistry</i> , 2019 , 87, 142-154	5.1	2
34	SYNTHESIS OF NOVEL ISOXAZOLIDINES VIA 1,3-DIPOLAR CYCLOADDITION OF NITRONES TO OLEFINS. <i>Heterocyclic Communications</i> , 2003 , 9,	1.7	2
33	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
32	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		2
31	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> , 2022 , 1-13	3.6	2
30	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	1.9	2
29	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	1.7	2
28	Papaverine, a Phosphodiesterase 10A Inhibitor, Ameliorates Quinolinic Acid-Induced Synaptotoxicity in Human Cortical Neurons. <i>Neurotoxicity Research</i> , 2021 , 39, 1238-1250	4.3	2
27	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	3.9	2
26	New Heparanase-Inhibiting Triazolo-Thiadiazoles Attenuate Primary Tumor Growth and Metastasis. <i>Cancers</i> , 2021 , 13,	6.6	2
25	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	2.9	2
24	Crystal and Molecular Structure Analysis of 1,2,4-Triazolo-N-amino-thiols. <i>Molecular Crystals and Liquid Crystals</i> , 2006 , 457, 215-223	0.5	1
23	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		1
22	Crystal Structure of 2-Ethoxy-N-[4-(pyrimidin-2-ylsulfamoyl)-phenyl]-benzamide. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X235-X236		1
21	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		1
20	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	1

19	Development of a New Arylation Reaction Catalyzed by Polymer Bound 1,3-(Bisbenzimidazolyl) Benzene Co(II) Complex and Generation of Bioactive Adamanate Amines. <i>Catalysts</i> , 2020 , 10, 1315	4	1
18	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	0.4	1
17	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	2.1	1
16	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	9.8	1
15	Leelamine Exerts Antineoplastic Effects in Association with Modulating Mitogen-Activated Protein Kinase Signaling Cascade.. <i>Nutrition and Cancer</i> , 2022 , 1-13	2.8	1
14	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	0
13	Identification of β -aminopyrrolidine containing peptides as β -amyloid aggregation inhibitors for Alzheimer's disease.. <i>Journal of Peptide Science</i> , 2022 , e3386	2.1	0
12	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	2.2	0
11	N-[4-Cyano-3-(trifluoro-meth-yl)phen-yl]-2-eth-oxy-benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o1533		
10	N-[4-Cyano-3-(trifluoro-meth-yl)phen-yl]-2-meth-oxy-benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 67, o198		
9	(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		
8	Synthesis and Crystal Structure of 3,4,5-Trimethoxybenzaldehyde oxime monohydrate. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2006 , 22, X161-X162		
7	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		
6	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		
5	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		
4	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	
3	Synthesis and crystal structure of 1-ethyl-3-(phenyl)-1,2,3-triazolium perchlorate. <i>Open Chemistry</i> , 2003 , 1, 477-490	1.6	
2	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		

- 1 Anti-proliferative activity and characterization data on oxadiazole derivatives. *Data in Brief*, **2020**, 31, 105979 1.2