D Ashok

List of Publications by Year
in descending order

91 papers	917 citations	516215 16 h-index	580395 25 g-index
92 all docs	92 docs citations	92 times ranked	866 citing authors

#	Article	IF	Citations
1	A Facile Synthesis of 2-Benzoyl-6-Hydroxy-3-Methyl-5-(2-Substituted-2,3-Dihydro-1H-1,5-Benzodiazepin-4-YL) Benzo[b]Furans. Synthetic Communications, 2000, 30, 1825-1836.	1.1	89
2	Dimers of coumarin-1,2,3-triazole hybrids bearing alkyl spacer: Design, microwave-assisted synthesis, molecular docking and evaluation as antimycobacterial and antimicrobial agents. Journal of Molecular Structure, 2018, 1157, 312-321.	1.8	44
3	Microwave-assisted synthesis, biological evaluation and molecular docking studies of new coumarin-based 1,2,3-triazoles. RSC Advances, 2020, 10, 11615-11623.	1.7	44
4	Facile synthesis, characterization and enhanced catalytic reduction of 4-nitrophenol using NaBH4 by undoped and Sm3+, Gd3+, Hf3+ doped La2O3 nanoparticles. Nano Convergence, 2019, 6, 12.	6.3	42
5	Microwave-assisted synthesis of novel 1,2,3-triazole derivatives and their antimicrobial activity. Medicinal Chemistry Research, 2014, 23, 3005-3018.	1.1	40
6	1,2,3-Triazole-fused spirochromenes as potential anti-tubercular agents: synthesis and biological evaluation. RSC Advances, 2018, 8, 16997-17007.	1.7	36
7	Conventional and microwave-assisted synthesis of new indole-tethered benzimidazole-based 1,2,3-triazoles and evaluation of their antimycobacterial, antioxidant and antimicrobial activities. Molecular Diversity, 2018, 22, 769-778.	2.1	31
8	Microwave-assisted synthesis and biological evaluation of carbazole-based chalcones, aurones and flavones. Medicinal Chemistry Research, 2016, 25, 909-922.	1.1	28
9	Microwave-assisted synthesis, antioxidant and antimicrobial evaluation of 2-indolinone-based bis-1,2,3-triazole derivatives. Molecular Diversity, 2018, 22, 57-70.	2.1	26
10	Solvent-free microwave-assisted synthesis ofE-(1)-(6-benzoyl-3,5-dimethylfuro[3â€²,2â€²:4,5]benzo[b]furan-2-yl)-3-(aryl)-2-propen-1-ones and their antibacterial activity. Green Chemistry Letters and Reviews, 2012, 5, 121-125.	2.1	23
11	Microwave-assisted synthesis and in vitro antiproliferative activity of some novel 1,2,3-triazole-based pyrazole aldehydes and their benzimidazole derivatives. Medicinal Chemistry Research, 2020, 29, 699-706.	1.1	23
12	Synthesis, biological evaluation and molecular docking of spirofurochromanone derivatives as anti-inflammatory and antioxidant agents. RSC Advances, 2017, 7, 25710-25724.	1.7	20
13	Microwave-assisted synthesis, molecular docking and antimicrobial activity of novel 2-(3-aryl,1-phenyl-1H-pyrazol-4-yl)-8H-pyrano[2,3-f]chromen-4-ones. Medicinal Chemistry Research, 2016, 25, 501-514.	1.1	18
14	Design, synthesis, molecular-docking and antimycobacterial evaluation of some novel 1,2,3-triazolyl xanthenones. MedChemComm, 2017, 8, 559-570.	3.5	18
15	Ultrasound- and microwave-assisted synthesis of (E)-1-aryl-3-[2-(piperidin-1-yl)quinolin-3-yl]prop-2-en-1-ones and (E)-1-aryl-3-[2-(pyrrolidin-1-yl)quinolin-3-yl]prop-2-en-1-ones, and their antimicrobial activity. Russian Journal of General Chemistry, 2014, 84, 1237-1242.	0.3	17
16	Design and synthesis of new 1,2,3-triazole-pyrazole hybrids as antimicrobial agents. Russian Journal of General Chemistry, 2017, 87, 2454-2461.	0.3	17
17	Microwave-assisted synthesis of some new 1,2,3-triazole derivatives and their antimicrobial activity. Journal of Chemical Sciences, 2020, 132, 1.	0.7	16
18	Microwave assisted synthesis of <scp>Nâ€substituted</scp> acridineâ€1,8â€dione derivatives: Evaluation of antimicrobial activity. Journal of Heterocyclic Chemistry, 2022, 59, 1180-1190.	1.4	15

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19	A Facile Synthesis of 2-Benzoyl-3-methyl-6-phenyl-5-(substituted Styryl)-7H-furo [3,2-g] [1] Benzopyran-7-ones and Their Antifeedant Activity.. Synthetic Communications, 1997, 27, 3181-3189.	1.1	13
20	Microwave-assisted synthesis of 2-(4,5-dihydro-5-(tetrazolo[1,5-a]quinoline-4-yl)-1H-pyrazol-3-yl)-substituted phenols. Heterocyclic Communications, 2013, 19, .	0.6	13
21	Microwave-assisted synthesis, molecular docking, and biological evaluation of 2-arylidene-2H-furo[2,3-f]chromen-3(7H)-ones as antioxidant and antimicrobial agents. Medicinal Chemistry Research, 2017, 26, 1735-1746.	1.1	13
22	Facile ionic liquid-mediated, microwave assisted green synthesis, and antioxidant studies of novel indolin-2-one annulated spirochromanone conjugates. Russian Journal of General Chemistry, 2015, 85, 708-717.	0.3	12
23	Microwave-assisted synthesis of 10-aryl-4-methyl-2-oxo-8-phenyl-2,8-dihydropyrano[2,3-f]chromene-9-carbaldehydes by Suzuki coupling and their antimicrobial activity. Chemistry of Heterocyclic Compounds, 2015, 51, 462-466.	0.6	11
24	Microwave-assisted synthesis of substituted 4-chloro-8-methyl-2-phenyl-1,5-dioxa-2H-phenanthren-6-ones and their antimicrobial activity. Medicinal Chemistry Research, 2015, 24, 1487-1495.	1.1	11
25	Microwave assisted synthesis, biological evaluation, and molecular docking of novel chroman scaffolds incorporating spirochromanone framework. Medicinal Chemistry Research, 2016, 25, 2882-2894.	1.1	11
26	One pot multicomponent microwave and ultrasound assisted synthesis and antimicrobial activity of 2-(2-ethoxy-5-substituted-indol-3-ylidene)-1-aryl-ethanones. Russian Journal of General Chemistry, 2015, 85, 2141-2148.	0.3	10
27	Design, Synthesis, and Biological Activity of New Bis-1,2,3-triazole Derivatives Bearing Thiophene-Chalcone Moiety. Russian Journal of General Chemistry, 2019, 89, 1859-1866.	0.3	10
28	Novel pyrano [3,2-b]xanthen-7(2H)-ones: Synthesis, antimicrobial, antioxidant and molecular docking studies. Journal of Molecular Structure, 2019, 1177, 215-228.	1.8	10
29	Microwave assisted synthesis of some new coumarin-pyrazoline hybrids and their antimicrobial activity. Journal of the Serbian Chemical Society, 2015, 80, 305-313.	0.4	9
30	Microwave-assisted synthesis and evaluation of indole based benzofuran scaffolds as antimicrobial and antioxidant agents. Russian Journal of Bioorganic Chemistry, 2016, 42, 560-566.	0.3	9
31	One pot multicomponent synthesis of 3â€²,5-diaryl-1â€²-phenyl-3,4-dihydro-1â€²H,2H-3,4â€²-bipyrazoles and their antimicrobial activity. Russian Journal of General Chemistry, 2014, 84, 2248-2256.	0.3	8
32	Synthesis of pyrazolylfuro[2,3-f]chromenes and evaluation of their antimicrobial activity. Chemistry of Heterocyclic Compounds, 2016, 52, 928-933.	0.6	8
33	Microwave-assisted one-pot synthesis of some new flavonols by modified Algarâ€“Flynnâ€“Oyamada reaction and their antimicrobial activity. Chemistry of Heterocyclic Compounds, 2016, 52, 172-176.	0.6	8
34	Synthesis of novel 2,4,6-trisubstituted pyrimidine derivatives and their in vitro antimicrobial activity. Russian Journal of General Chemistry, 2016, 86, 1396-1404.	0.3	8
35	Synthesis and Anticancer Activity of 1,2,4-Oxadiazole Fused Benzofuran Derivatives. Russian Journal of General Chemistry, 2018, 88, 1219-1223.	0.3	8
36	Microwave assisted synthesis of substituted (Z)-2-{[1-phenyl-3-(thiophen-2-yl)-1H-pyrazol-4-yl]methylene}benzofuran-3(2H)-ones and their antimicrobial activity. Russian Journal of General Chemistry, 2016, 86, 1753-1757.	0.3	7

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37	Synthesis, characterisation, and antibacterial activity of some novel vanillin related hydrazone derivatives bearing 1,2,3-triazole ring. Russian Journal of General Chemistry, 2017, 87, 1288-1294.	0.3	7
38	Synthesis and Antimicrobial Activity of (Z)-3-{[3-Oxobenzofuran-2(3H)-ylidene]methyl}-4H-chromen-4-one Derivatives. Russian Journal of General Chemistry, 2018, 88, 566-572.	0.3	7
39	Solvent-free microwave assisted synthesis of (E)-1-{3-[2-(9-Ethyl-9H-carbazol-3-yl)vinyl]benzofuran-2-yl}-2,2-dimethylpropan-1-ones and their antimicrobial activity. Russian Journal of General Chemistry, 2014, 84, 2211-2217.	0.3	6
40	Microwave assisted synthesis of (E)-1-(2-((1-benzyl-1H-1,2,3-triazol-4-yl)methoxy)phenyl)-3-(9-ethyl-9H-carbazol-3-yl)prop-2-en-1-ones and their antimicrobial activity. Russian Journal of Bioorganic Chemistry, 2016, 42, 323-331.	0.3	6
41	Solvent-free microwave assisted synthesis of morpholineâ€“piperidineâ€“pyrrolidine annulated quinoline-naphthyl based chalcones and their antimicrobial activity. Russian Journal of General Chemistry, 2016, 86, 1120-1125.	0.3	6
42	Microwave-assisted one-pot synthesis of pyrazolyl-substituted benzochroman-4-one derivatives and evaluation of their anticancer activity. Chemistry of Heterocyclic Compounds, 2016, 52, 15-20.	0.6	6
43	Microwave assisted synthesis of 1-(arylthio)naphthalen-2-ols and their antimicrobial activity. Russian Journal of General Chemistry, 2017, 87, 2930-2932.	0.3	6
44	Microwave-Assisted Synthesis and Antimicrobial Activity of 3-(Arylsulfanyl)-4-hydroxy-2H-chromen-2-ones. Russian Journal of General Chemistry, 2018, 88, 2149-2153.	0.3	6
45	Microwave-Assisted Synthesis of Novel Spirochromanoneâ€“Aurone Hybrids and Their Antimicrobial Activity. Russian Journal of General Chemistry, 2018, 88, 1015-1019.	0.3	6
46	Microwave-assisted synthesis and biological evaluation of thiazole-substituted dibenzofurans. Heterocyclic Communications, 2018, 24, 171-176.	0.6	6
47	Microwave assisted synthesis of <scp>4â€²methyl</scp>â€²arylpyrano[2,3â€²f]chromenâ€²2(<scp>8H</scp>)â€²one derivatives, evaluation of antiproliferative, and antimicrobial activities. Journal of Heterocyclic Chemistry, 2020, 57, 3943-3950.	1.4	6
48	Iodine mediated synthesis of some new imidazo[1,2â€²a]pyridine derivatives and evaluation of their antimicrobial activity. Journal of Heterocyclic Chemistry, 2020, 57, 2528-2534.	1.4	6
49	A Facile Synthesis of 2-Benzoyl-6-Hydroxy-3-Methyl-5-(2'-Substituted-2',3'-Dihydro-1,5-Benzothiazepn-) Tj ETQq1 1 0.784314 rgBT /Ov	1.1	5
50	A Facile Synthesis of 2-Benzoyl-6-hydroxy-3-methyl-5-(4â€²,5â€²-dihydro-5â€²-aryl Pyrazol-3â€²-yl) Benzofurans. Synthetic Communications, 1999, 29, 2365-2375.	1.1	5
51	Synthesis of Z-di/tetra/hexa/ydrodinaphtho[2,1-b:1â€²,2â€²-d][1,6]dioxacycloalkenes via microwave-accelerated ring closing metathesis and their antimicrobial activity. Russian Journal of General Chemistry, 2015, 85, 1152-1155.	0.3	5
52	Solvent-free microwave-assisted synthesis and biological evaluation of 2,2-dimethylchroman-4-one based benzofurans. Heterocyclic Communications, 2016, 22, .	0.6	5
53	Synthesis and Antimicrobial Evaluation of Novel Pyrazole-Annulated Oxygen-Containing Macrocycles. Chemistry of Heterocyclic Compounds, 2016, 52, 609-614.	0.6	5
54	One-pot synthesis of spirochromanone-based 3-hydroxy-4H-chromen-4-ones by a modified Algarâ€“Flynnâ€“Oyamada reaction and evaluation of their antimicrobial activity. Chemistry of Heterocyclic Compounds, 2017, 53, 1187-1191.	0.6	5

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55	Microwave Assisted Synthesis and Biological Activity of Novel Bis{2-[2-(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742	0.3	5
56	Stereoselective total synthesis of (â˜)-pyrenophorol. Chemical Papers, 2018, 72, 971-977.	1.0	5
57	Microwave assisted synthesis of 2-(2-(tetrazolo[1,5-a]quinolin-4-yl)-2,3-dihydro-1h-benzo[b][1,4]diazepin-4-yl) substituted phenols and evaluation of their antimicrobial activity. Journal of the Serbian Chemical Society, 2016, 81, 851-858.	0.4	5
58	Microwave Assisted Synthesis of Flavonoid Based 1,2,3-Triazole and Isoxazole Derivatives, Their Antibacterial, Antioxidant, and Anticancer Activities. Russian Journal of General Chemistry, 2022, 92, 718-724.	0.3	5
59	Synthesis and anticancer activity evaluation of (E)-3-{[5-(aryl)-1,3,4-oxadiazol-2-yl]methyl}-5-(3,4,5-trimethoxybenzylidene)thiazolidine-2,4-diones. Russian Journal of General Chemistry, 2016, 86, 681-685.	0.3	4
60	Solvent-free microwave-assisted synthesis and biological evaluation of aurones and flavanones based on 2,2-dimethylchroman-4-one. Chemistry of Heterocyclic Compounds, 2016, 52, 453-459.	0.6	4
61	Synthesis, Antioxidant, and Antimicrobial Activities of Novel Bis-Aroylbenzofuran Fused 1,2,3-Triazoles Bearing Alkane Spacers. Russian Journal of General Chemistry, 2018, 88, 2410-2419.	0.3	4
62	One-pot three-component condensation for the synthesis of 2,4,6-triarylpyridines and evaluation of their antimicrobial activity. Journal of Chemical Sciences, 2021, 133, 1.	0.7	4
63	Microwave-Assisted Synthesis of Substituted 2-(2H-Chromen-3-yl)-5-phenyl-1H-imidazole Based Coumarin Derivatives and Their Antimicrobial Activity. Russian Journal of General Chemistry, 2021, 91, 711-716.	0.3	4
64	An Efficient Procedure for the Preparation of 3â€²-Acetyl-2â€²,3â€²-dihydrobenzothiazoles by Ring Contraction of 2â€²,3â€²-Dihydro-1,5-Benzothiazepines Under Acetylating Conditions. Synthetic Communications, 2000, 30, 253-264.	1.1	3
65	Green synthesis of new naphthospiro chromanone scaffolds and their antimicrobial activity. Russian Journal of General Chemistry, 2014, 84, 1622-1628.	0.3	3
66	Microwave-assisted synthesis of 8-aryl-10-chloro-4-methyl-2-oxo-2,8-dihydropyrano[2,3-f]chromene-9-carbaldehydes and their antimicrobial activity. Russian Journal of General Chemistry, 2014, 84, 2234-2239.	0.3	3
67	Microwave assisted synthesis of novel methylenebis{2-[(1-benzyl/cyclohexyl-1H-1,2,3-triazol-4-yl)methoxy]chalcones} and their antibacterial activity. Russian Journal of General Chemistry, 2014, 84, 1608-1614.	0.3	3
68	One-pot synthesis of bis(4,5-diphenylimidazol-2-yl-phenyl)glycols and evaluation of their antimicrobial activity. Russian Journal of General Chemistry, 2015, 85, 673-678.	0.3	3
69	Green synthesis and antibacterial evaluation of some new 1-aryl-3-(1-aryl-1H-[1,2,3]triazol-4-yl)-propenones. Russian Journal of General Chemistry, 2016, 86, 1419-1423.	0.3	3
70	Microwave-assisted synthesis of bis(N-substituted thiazol-2-amine) derivatives and their biological activities. Heterocyclic Communications, 2017, 23, .	0.6	3
71	Microwave-assisted synthesis of novel benzodifuran-based bis(N-(het)arylthiazol-2-amine) derivatives and their antibacterial and antimycobacterial activities. Chemistry of Heterocyclic Compounds, 2018, 54, 658-663.	0.6	3
72	A FACILE SYNTHESIS OF 2-BENZOYL-3-METHYL-6-SUBSTITUTED ARYL-5H-FURO [3,2-g] [1] BENZOPYRAN-5-ONES. Synthetic Communications, 2001, 31, 1893-1899.	1.1	2

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73	Green synthesis of (2E,2â€²E)-1,1â€²-(4,6-dihydroxy-1,3-phenylene)bis-3-(3-aryl-1-phenyl-1H-pyrazol-4-yl)-prop-2-en-1-ones. Russian Journal of General Chemistry, 2015, 85, 752-755.	0.3	2
74	Microwave-assisted synthesis of 1-{2-[(1-benzyl-1H-1,2,3-triazol-4-yl)methoxy]phenyl}-3-(3-aryl-1-phenyl-1H-pyrazol-4-yl)prop-2-en-1-ones and their antimicrobial activity. Russian Journal of General Chemistry, 2016, 86, 907-914.	0.3	2
75	Simple and efficient route for the synthesis of functionalized 2,3,7,8-tetrahydro-4H,6H-pyrano[3,2-g]chromene-4,6-diones. Chemistry of Heterocyclic Compounds, 2017, 53, 511-517.	0.6	2
76	Synthesis of 8â€²,11â€²-dihydrospiro[cyclohexane-1,2â€²-oxepino[2,3-h] chromen]-4â€²(3â€²H)-ones with ring closing metathesis as a key step. RSC Advances, 2018, 8, 38673-38680.	1.7	2
77	Microwave Assisted Synthesis of 5-[4-(3-Phenyl-4,5-dihydro-1H-pyrazol-5-yl)phenyl]-1H-tetrazole Derivatives and Their Antimicrobial Activity. Russian Journal of General Chemistry, 2019, 89, 1905-1910.	0.3	2
78	One-pot synthesis of carbazole based 3-hydroxy-4H-chromen-4-ones by modified Algar-Flynn-Oyamada reaction and their antimicrobial activity. Journal of the Serbian Chemical Society, 2015, 80, 1361-1366.	0.4	2
79	Microwave-assisted synthesis and antimicrobial evaluation of 6-[3-aryl-1-phenyl-4â€™,5â€™-dihydro[4,5â€™-bi-1H-pyrazol]-3â€™-yl]-2H-chromen-5-ols. Journal of the Serbian Chemical Society, 2019, 84, 237-244.	0.4	2
80	Microwave-assisted synthesis and evaluation of their antiproliferative, antimicrobial, activities and DNA Binding studies of (3-Methyl-7H-furo[2,3-f]chromen-2-yl)(aryl)methanones. Medicinal Chemistry Research, 2022, 31, 993-1002.	1.1	2
81	5-dihydro-1H-pyrazol-3-yl]-phenyl}-3-(aryl)-propenones and their Antibacterial Activity. E-Journal of Chemistry, 2009, 6, 323-331.	0.4	1
82	Microwave assisted one-pot synthesis of linear and angular furo chromanone scaffolds and their in vitro antimicrobial activity. Russian Journal of General Chemistry, 2017, 87, 850-856.	0.3	1
83	Solvent-free microwave assisted synthesis of substituted (E)-phenyl{3-(2-[1-phenyl-3-(thiophen-2-yl)-1H-pyrazol-4-yl]vinyl)benzofuran-2-yl}methanones and their antimicrobial activity. Russian Journal of General Chemistry, 2017, 87, 857-862.	0.3	1
84	Green Synthesis of Spiropyranone 3-Aryl-4-Methylcoumarin Derivatives using Carbonyldiimidazole. Asian Journal of Chemistry, 2019, 32, 205-208.	0.1	1
85	A new library of 1,2,3â€triazole based benzofuran scaffolds: Synthesis and biological evaluation as potential antimicrobial agents. Journal of Heterocyclic Chemistry, 0, , .	1.4	1
86	Recycling of undesired isomers of key intermediate for aprepitant. Green Chemistry Letters and Reviews, 2009, 2, 243-247.	2.1	0
87	Microwave assisted selective synthesis of (E)-1-(4-Chloro-7-hydroxy-2-aryl-2H-chromen-6-yl)-3-arylprop-2-en-1-ones and their antimicrobial activity. Russian Journal of General Chemistry, 2016, 86, 930-933.	0.3	0
88	Synthesis of Biaryl Derivatives of Spirofurochromanone in Water and Their Anticancer Activity. Russian Journal of General Chemistry, 2019, 89, 2129-2135.	0.3	0
89	Microwave-assisted synthesis of 2,8-di(alkyl/aryl)-4,6-dichloro-2H,8H-pyrano[3,2-g] chromene-3,7-dicarbaldehydes and their antimicrobial activity. Journal of the Serbian Chemical Society, 2019, 84, 355-364.	0.4	0
90	Synthesis of spiro chromanone sandwiched 15,16,18 membered (Z)-dioxo cycloalkenes by ring closing metathesis and homodimers of 8-allyl-7-((6-bromoalkyl) oxy) spirochroman-4-ones by cross metathesis. Synthetic Communications, 2022, 52, 745-754.	1.1	0

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91	Î² â€Cyclodextrin Catalysed Synthesis, characterisation and Bacterial Evaluation of spirochromanone linked 1,2,3â€triazole and spirochromanone conjugates containing bis 1,2,3â€triazoles. Journal of Heterocyclic Chemistry, 0, , .	1.4	0