

Anatolii Morkovnik

List of Publications by Year in descending order

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108
papers

403
citations

1039880

9
h-index

1058333

14
g-index

121
all docs

121
docs citations

121
times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	A benzimidazole derivative as an effective antitumor agent in terms of syngeneic lung tumors and melanoma treatment. South Russian Journal of Cancer, 2022, 3, 15-21.	0.1	0
2	New type of recyclization in 3,4-dihydroisoquinolines in the synthesis of \hat{I}^2 -(o-indazolylaryl)ethylamines and their 7-azaindazolyl analogues. Mendeleev Communications, 2022, 32, 265-267.	0.6	2
3	Pharmacological Properties of 2-Aminobenzimidazole Halides and Imidazo[1,2-a]Benzimidazole Derivatives. Russian Journal of Bioorganic Chemistry, 2022, 48, 281-291.	0.3	1
4	New Azepine-Furan Spirocyclic Structures in the Reaction of 4-Aroyl-1,2-dihydrobenzo[d]azepines and 2-Aroyl-4,5-dihydrophenanthreno[1,2-d]azepine with Formaldehyde. Russian Journal of General Chemistry, 2021, 91, 792-798.	0.3	3
5	Searching for new anxiolytic agents among derivatives of 11-dialkylaminoethyl-2,3,4,5-tetrahydrodiazepino[1,2-a]benzimidazole. European Journal of Pharmaceutical Sciences, 2021, 161, 105792.	1.9	8
6	Synthesis, structure, and properties of 2-[(4,6-di-tert-butyl-2,3-dihydroxyphenyl)thio]acetic acid amides. Russian Chemical Bulletin, 2021, 70, 1368-1376.	0.4	2
7	1-Allyl- and 1-(2-Bromopropyl)-2-amino-3-carboxy(carbalkoxy)methylbenzimidazolium Quaternary Salts in the Synthesis of Imidazo[1,2-a]benzimidazole Derivatives. Russian Journal of General Chemistry, 2021, 91, 1271-1281.	0.3	0
8	PHARMACOKINETIC PROPERTIES OF A NEW KAPPA-OPIOID ANALGESIC RU-1205 COMPOUND AT A SINGLE PERORAL ADMINISTRATION. Farmatsiya I Farmakologiya, 2021, 9, 149-160.	0.2	1
9	Nitration of 2,3-dihydroimidazo[1,2-a]benzimidazole and its N 9-substituted derivatives. Mendeleev Communications, 2021, 31, 555-557.	0.6	4
10	Systems with annulated thioxo azepinone moiety: an access through heterocyclic carbodithioate ring expansion. Mendeleev Communications, 2021, 31, 545-547.	0.6	2
11	Synthesis, Analysis, and Acute Toxicity of 9-(2-diethylaminoethyl)-2-phenylimidazo[1,2- \hat{I}^{\pm}]benzimidazole Dinitrate. Pharmaceutical Chemistry Journal, 2021, 55, 544.	0.3	1
12	Thiourea assisted recyclization of 1-(chloromethyl)dihydroisoquinolines: a convenient route to \hat{I}^2 -(o-thiazolylaryl)ethylamines. Mendeleev Communications, 2021, 31, 125-127.	0.6	5
13	Synthesis and Pharmacological Evaluation of Novel 2,3,4,5-tetrahydro[1,3]diazepino[1,2-a]benzimidazole Derivatives as Promising Anxiolytic and Analgesic Agents. Molecules, 2021, 26, 6049.	1.7	4
14	2-Acylcycloalkanones in Organic Synthesis. Russian Journal of Organic Chemistry, 2020, 56, 949-973.	0.3	1
15	New Synthesis of peri-Fused Tetrahydro[1,3]diazepino[1,2-a]benzimidazoles from 1-Aroylmethyl-2-[(4-hydroxybutyl)amino]benzimidazoles. Russian Journal of Organic Chemistry, 2020, 56, 1728-1732.	0.3	0
16	A general method for the synthesis of heterocyclic dithiocarboxylate betaines: Potential precursors of NHC based on a novel type of functionalization of the methyl group. Tetrahedron Letters, 2020, 61, 152228.	0.7	1
17	Synthesis and Transformations of 9-Substituted Imidazo[1,2-a]benzimidazole-2-carbaldehydes. Russian Journal of Organic Chemistry, 2020, 56, 1160-1165.	0.3	0
18	New route to bioactive 2-(hetero)arylethylamines via nucleophilic ring opening in fused 7-acyl-2,3-dihydroazepines. Mendeleev Communications, 2020, 30, 28-30.	0.6	9

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19	Anxiolytic Activity of 1H-2,3,4,5-Tetrahydro[1,3]Diazepino[1,2-a]Benzimidazole and 2-Mercaptobenzimidazole Derivatives. Russian Journal of Bioorganic Chemistry, 2020, 46, 107-114.	0.3	6
20	New Structural Modifications of Cotarnine Alkaloid Derivatives: Cotarnone and Dihydrocotarnine. Russian Journal of General Chemistry, 2020, 90, 238-243.	0.3	3
21	2-Amino- and 2-hydroxymethylbenzimidazolium bromides as protein tyrosine phosphatase 1B' (PTP1B') inhibitors and other targets associated with diabetes mellitus. Russian Chemical Bulletin, 2020, 69, 774-780.	0.4	5
22	Structural Modification of Pyridoxal. Synthesis and Evaluation of Anti-Infective Activity of New 4-Chloro- and 4-Alkyl(dialkyl)aminomethyl-2-hetaryl(hetaroyl)furo[2,3-c]pyridines. Russian Journal of General Chemistry, 2020, 90, 2242-2247.	0.3	2
23	Towards multi-target antidiabetic agents: Discovery of biphenyl-benzimidazole conjugates as AMPK activators. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2443-2447.	1.0	33
24	The novel structural modification of pyridoxal via its cyclization into 2-acyl- and 2-heteroaryl-furo[2,3-c]pyridines. Mendeleev Communications, 2019, 29, 116-118.	0.6	1
25	Uncommon condensations of 1,2,3-triketone 2-oximes with o-phenylenediamine. Mendeleev Communications, 2019, 29, 111-113.	0.6	1
26	Synthesis and Pharmacological Activity of C(2)-Substituted Benzimidazoles. Pharmaceutical Chemistry Journal, 2019, 53, 201-206.	0.3	1
27	Pyridine-azepine Structural Modification of 3,4-Dihydro-nor-isoharmine. Russian Journal of Organic Chemistry, 2019, 55, 74-82.	0.3	4
28	Antithrombotic Activity of a Novel Diazepino[1,2-â±] Benzimidazole Derivative on Arterial Thrombosis Model in Rats without Concomitant Pathology and in Rats with Experimental Myocardial Infarction. Bulletin of Experimental Biology and Medicine, 2019, 166, 747-750.	0.3	0
29	Synthesis of 9-Substituted Imidazo[1,2-a]benzimidazoles Containing a 5-Nitrofuran-2-yl Fragment. Russian Journal of Organic Chemistry, 2019, 55, 1547-1553.	0.3	0
30	1,3-Di(2-hydroxy-2-propylamino)propan-2-ol derivatives. Mendeleev Communications, 2018, 28, 320-322.	0.6	6
31	Novel derivatives of 3,5-di-tert-butylpyrocatechol with pharmacophore substituents. Russian Chemical Bulletin, 2019, 68, 2290-2297.	0.4	3
32	Recyclization of glaucine as a new route to litebamine derivatives. Mendeleev Communications, 2018, 28, 58-60.	0.6	8
33	Reaction of 2-methyl-3,4-dihydro-1H-carbolin-2-ium iodide with acylmethyl halides controlled by electronic effects: a new route to 1,2-dihydroazepino[4,5-b]indoles. Mendeleev Communications, 2018, 28, 83-85.	0.6	7
34	Synthesis of New 1,4-Diarylimidazoles and 1-Aryl-4-(5-Nitrofuran-2-yl)imidazoles and Study of Their Anti-Infective Activity. Russian Journal of Bioorganic Chemistry, 2018, 44, 795-800.	0.3	1
35	Synthesis of phenanthro[1,2-d]azepine derivatives containing a new heterocyclic system from the aporphine alkaloid glaucine. Mendeleev Communications, 2018, 28, 320-322.	0.6	6
36	Novel reactions of ninhydrin oxime with mercaptoalkanoic acids. Mendeleev Communications, 2018, 28, 300-302.	0.6	7

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37	Synthesis of 9-Substituted 2-Alkyl(aryl)imidazo-[1,2-a]benzimidazole-3-carbonitriles. Russian Journal of Organic Chemistry, 2018, 54, 1378-1382.	0.3	0
38	Synthesis and Pharmacological Activity of Trifluoromethyl-Containing Imidazo[1,2-A]Benzimidazoles. Pharmaceutical Chemistry Journal, 2018, 52, 385-391.	0.3	3
39	Synthesis and Anti-Infective Activity of 2-Heteroaryl(Acyl)-9,10,12,13-Tetramethoxy-3-Methyl-4,5-Dihydro-3H-Phenanthro[1,2-d]Azepines. Russian Journal of Bioorganic Chemistry, 2018, 44, 461-468.	0.3	0
40	PROTECTIVE ACTIVITY OF NOVEL BENZIMIDAZOLE DERIVATIVES AT EXPERIMENTAL INFLUENZA INFECTION. Russian Journal of Infection and Immunity, 2018, 8, 195-200.	0.2	1
41	One-pot synthesis of 4-heteroaryl-1,2-dihydro-3-benzazepines from 3,4-dihydroisoquinolinium salts or pseudo bases. Tetrahedron Letters, 2017, 58, 1233-1236.	0.7	10
42	Hypoglycemic potential of cyclic guanidine derivatives. Pure and Applied Chemistry, 2017, 89, 1007-1016.	0.9	10
43	Antithrombotic Activity of DAB-15, a Novel Diazepinobenzimidazole Compound. Bulletin of Experimental Biology and Medicine, 2017, 162, 636-639.	0.3	2
44	peri-cyclization of 11-arylmethyl-2,3,4,5-tetrahydro[1,3]-diazepinobenzimidazoles into 2-aryl-3,4,5,6-tetrahydro-2a,6a,10b-triazabenz[a]cyclopenta[cd]azulenium bromides. Russian Journal of Organic Chemistry, 2017, 53, 1253-1257.	0.3	3
45	Recyclization of 9-bromocotarnine under the action of haloacylhetarenes. Synthesis and biological activity of the 4-heteroaryl-9-bromo-1,2-dihydro-6-methoxy-7,8-methylenedioxy-3-benzazepines. Russian Journal of Bioorganic Chemistry, 2017, 43, 583-588.	0.3	4
46	Synthesis of 9-bromocotarnine and its recyclization into 4-acyl-9-bromo-7,8-methylenedioxy-1,2-dihydro-3-benzazepines with anti-infective activity. Russian Journal of Bioorganic Chemistry, 2017, 43, 311-316.	0.3	7
47	Ɖyclization of 1-amino-2-hydrazinobenzimidazole treated with carbon disulfide. Synthesis of 9-amino-2,9-dihydro-3-Ɖ-[1,2,4]triazolo[4,3-Ɖ°]benzimidazole-3-thione and its derivatives. Russian Journal of Organic Chemistry, 2017, 53, 746-752.	0.3	1
48	Synthesis and pharmacological activity of 2-(biphenyl-4-yl)imidazo[1,2-a]benzimidazoles. Russian Chemical Bulletin, 2017, 66, 1905-1912.	0.4	11
49	Synthesis of new 1-alkyl-, 1-benzyl-, and 1-aryloxyethyl-substituted 4,5-dichloroimidazoles and their antimicrobial, protistocidal, and fungistatic properties. Russian Journal of Bioorganic Chemistry, 2016, 42, 551-559.	0.3	1
50	Unusual 1,2-acyl Rearrangement Accompanying Ring Expansion Reaction of Alkaloid Cotarnine under the Action of 1,2-dihydro-3-acyl-1,2,4-triazolo[4,3-Ɖ°]benzimidazole-3-thione and its derivatives. ChemistrySelect, 2016, 1, 2560-2564.	0.3	12
51	Unexpected domino reaction of 3-alkyl-1,2,4-triazolo[1,5-a]benzimidazoles with butylmagnesium bromide leading to benzimidazolyl guanidines. Mendeleev Communications, 2016, 26, 320-322.	0.6	3
52	Tautomeric and non-tautomeric N -substituted 2-iminobenzimidazolines as new lead compounds for the design of anti-influenza drugs: An in vitro study. Bioorganic and Medicinal Chemistry, 2016, 24, 5796-5803.	1.4	6
53	Prototropic equilibrium in 1(11)H-2,3,4,5-tetrahydro[1,3]diazepino[1,2-a]benzimidazole, synthesis and pharmacological properties of its N-substituted derivatives. Russian Chemical Bulletin, 2015, 64, 2622-2631.	0.4	10
54	Synthesis and Antimicrobial and Protistocidal Activity of 1-(2-Aryloxyethyl- and) 2-(2-Halobenzyl)imidazo[1,2-a]benzimidazoles. Russian Journal of Bioorganic Chemistry, 2015, 49, 91-95.	0.3	2

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55	A facile, one pot method for the synthesis of 4-acyl-1,2-dihydro-3-benzazepines, based on the ring expansion of natural and synthetic 3,4-dihydroisoquinoline pseudo bases. <i>Tetrahedron Letters</i> , 2015, 56, 6988-6993.	0.7	25
56	4-substituted 2-chloromethyl[1,2,4]triazolo[1,5-a]benzimidazoles and their transformations. <i>Russian Journal of Organic Chemistry</i> , 2015, 51, 1474-1480.	0.3	1
57	Synthesis and Cyclization of 2-Amino- and 2-Methyl-Substituted 1,3-Diaminobenzimidazolium Salts. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 50, 1575-1585.	0.6	3
58	Synthesis, Antimicrobial, and Protistocidal Activity of 3-Aryloxyethyl(Benzyl)-1-Carbamoylmethyl-2-Iminobenzimidazoline Hydrochlorides. <i>Pharmaceutical Chemistry Journal</i> , 2015, 48, 661-664.	0.3	3
59	An efficient, one-pot synthesis of N-isatinylmethylthioacetic acid and its derivatives as potential anticancer agents. <i>Tetrahedron Letters</i> , 2014, 55, 6495-6499.	0.7	1
60	1-Acylmethylbenzimidazole-2-sulfonic acids and their cyclization by N-nucleophiles. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 716-724.	0.3	4
61	1-Amino-2-hydrazinobenzimidazole and its reactions with some carbonyl compounds. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 729-735.	0.3	4
62	2-aryl(hetaryl)-4H-[1,2,4]triazolo[1,5-a]benzimidazoles. <i>Russian Journal of Organic Chemistry</i> , 2013, 49, 895-903.	0.3	3
63	Electron transfer in the peroxytrifluoroacetic acid-assisted sulfoxidation and oxidative destruction of benzhydryl sulfides. <i>Russian Chemical Bulletin</i> , 2013, 62, 1164-1175.	0.4	2
64	Synthesis of 6 \hat{a} ™ H-spiro(indene-2,2 \hat{a} ™-[1,3]oxathiane)-1,3,5 \hat{a} ™-triones. <i>Mendeleev Communications</i> , 2013, 23, 352-353.	0.6	6
65	Low-barrier concerted electrophilic aromatic substitution under the action of sulfur trioxide. <i>Doklady Chemistry</i> , 2013, 450, 122-126.	0.2	4
66	Regioselectivity of N-substitution in bis-alkylation of 1,2,4-triazolo[1,5-a]benzimidazole-2-thione. <i>Russian Chemical Bulletin</i> , 2012, 61, 1161-1168.	0.4	3
67	Reactions of Bunte salts with carbocations of isobenzofuranone and isoindolone. <i>Tetrahedron Letters</i> , 2011, 52, 5444-5447.	0.7	9
68	Synthesis of N-unsubstituted 2-arylpyrazolo[1,5-a]benzimidazoles from 1-benzylideneamino-2-methylbenzimidazole and the role of acylotropic and acylotropic-prototropic isomerization. <i>Russian Chemical Bulletin</i> , 2011, 60, 548-556.	0.4	2
69	Copper complexes with N-aminotriazolethione azomethines: Structures and magnetochemical properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2010, 36, 189-197.	0.3	1
70	New synthetic route to modafinil drug including desulfobenzhydrylation of sodium carbamoylmethyl thiosulfate: experimental and quantum chemical studies. <i>Russian Chemical Bulletin</i> , 2010, 59, 91-101.	0.4	10
71	Tautomerism of quinazolin-4-ones with 2,3-annulated hydrogenated 1,3-diazaheterocycles. Synchronous and asynchronous double proton transfer in cyclic hydrogen-bonded associates. <i>Russian Chemical Bulletin</i> , 2009, 58, 883-895.	0.4	1
72	4-(1-Alkylbenzimidazol-2-ylazo)-2-pyrazolin-5-ones: specific features of prototropic tautomerism. <i>Russian Chemical Bulletin</i> , 2008, 57, 1496-1507.	0.4	6

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73	Structure and tautomerism of 2-benzimidazolylthioureas. Mendeleev Communications, 2007, 17, 224-226.	0.6	5
74	Mechanism of the reaction of neutral and anionic N-nucleophiles with $\hat{\pm}$ -halocarbonyl compounds. Russian Chemical Bulletin, 2007, 56, 1194-1209.	0.4	5
75	Synthesis of 1(11)H-2,3,4,5-tetrahydro[1,3]diazepino[1,2-a]benzimidazole starting from benzimidazole-2-sulfonic acid. Intramolecular cyclization of 2-($\hat{\pm}$ -chlorobutylamino)benzimidazole. Russian Chemical Bulletin, 2007, 56, 2315-2322.	0.4	7
76	Tautomerism of 1,2,4-triazino[2,3-a]benzimidazol-5(4)H-3-ones. Russian Chemical Bulletin, 2006, 55, 492-501.	0.4	2
77	N-alkylation of 2,3-dihydroimidazo[2,1-b]quinazolin-1(10)H-5-one. On the cryptoanionic mechanism of N-substitution. Russian Chemical Bulletin, 2006, 55, 907-919.	0.4	2
78	Synthesis and some conversions of N-substituted benzimidazole-2-sulfonic acids. Chemistry of Heterocyclic Compounds, 2006, 42, 463-468.	0.6	9
79	Synthesis of 4-and 5-substituted 2-methyl-and 2-(2-carboxyethyl)-1,2,4-triazino-[2,3-a]benzimidazol-4(5)H-3-ones. Chemistry of Heterocyclic Compounds, 2006, 42, 648-656.	0.6	2
80	Title is missing!. Russian Chemical Bulletin, 2003, 52, 1031-1032.	0.4	1
81	Formation of an Organolithium Derivative of 2-($\hat{\pm}$ -Aminobenzyl)-1-methylbenzimidazole in the Reaction of 2-Benzoyl-1-methylbenzimidazole Oxime with Lithium Naphthalenide.. ChemInform, 2003, 34, no.	0.1	0
82	Synthesis of O,C-Dilithium Derivatives of 2-($\hat{\pm}$ -Hydroxyalkyl)-1-methylbenzimidazoles. Chemistry of Heterocyclic Compounds, 2001, 37, 1302-1303.	0.6	2
83	On products of reaction of imidazole with benzoyl chloride under conditions of the Regel-Buchel reaction. Russian Chemical Bulletin, 1998, 47, 1550-1552.	0.4	2
84	Steric control in the ion radical nitration of 5-triphenylmethylbenzimidazolines using a silver/nitrite system. Mendeleev Communications, 1997, 7, 175.	0.6	1
85	Electron transfer as the initiating stage of dehydrogenation of benzimidazolines by the triphenylmethyl cation. Chemistry of Heterocyclic Compounds, 1995, 31, 563-566.	0.6	0
86	One-electron oxidation and triphenylmethylation of benzimidazolines by the triphenylmethyl cation. Chemistry of Heterocyclic Compounds, 1995, 31, 847-852.	0.6	1
87	A New Class of Benzoin Condensation Catalysts: N,N $\hat{\epsilon}$ -Disubstituted o-Phenylenediamines. Mendeleev Communications, 1995, 5, 11-12.	0.6	3
88	PMR study of the degenerate electron transfer between 1,2,3-trimethyl-2-phenylbenzimidazoline and its cation radical. Theoretical and Experimental Chemistry, 1991, 26, 618-623.	0.2	0
89	Evolution of hydrogen in the reaction of hydroheteroaromatic compounds with dehydrogenating agents. Chemistry of Heterocyclic Compounds, 1988, 24, 168-173.	0.6	0
90	The Oxidation-reduction Stage in the Nitration Reaction. Russian Chemical Reviews, 1988, 57, 144-160.	2.5	18

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91	Investigation of the reaction of 1,2,3-trimethyl-2-phenylbenzimidazoline with dehydrogenating reagents by EPR spectroscopy. Chemistry of Heterocyclic Compounds, 1987, 23, 525-529.	0.6	2
92	Stable biradical in the benzimidazoline series, containing two cation-radical fragments with strong exchange interactions. Chemistry of Heterocyclic Compounds, 1987, 23, 1144-1145.	0.6	1
93	Role of nitronium cations as an electron acceptor in reaction of 2,7-dinitrodibenzo-1,4-dioxin with nitric acid. Chemistry of Heterocyclic Compounds, 1985, 21, 233-233.	0.6	0
94	One-electron oxidation of 1,3,5-triaryl-2-pyrazolines by antimony pentachloride. Chemistry of Heterocyclic Compounds, 1985, 21, 461-464.	0.6	3
95	Anomalous PMR spectra of 1,2,3-trimethyl-2-phenylbenzimidazoline in aprotic solvents. Chemistry of Heterocyclic Compounds, 1985, 21, 1397-1398.	0.6	3
96	Formation of disproportionation products from benzimidazole pseudobases. The first instance of pseudobase disproportionation in the absence of alkali. Chemistry of Heterocyclic Compounds, 1985, 21, 1398-1399.	0.6	8
97	Redox step in the nitration of N-methylphenoxazine with tetranitromethane. Chemistry of Heterocyclic Compounds, 1983, 19, 111-111.	0.6	0
98	Cation-radical oxidation step in the nitration of phenothiazine with nitric acid. Chemistry of Heterocyclic Compounds, 1981, 17, 904-906.	0.6	2
99	Heterocyclic cation radicals (review). Chemistry of Heterocyclic Compounds, 1980, 16, 777-794.	0.6	2
100	Mechanism of the oxidative dehydrogenation of 1,3,5-triphenyl-2-pyrazoline. Chemistry of Heterocyclic Compounds, 1979, 15, 115-116.	0.6	2
101	Sodium borohydride as an electron donor in the reaction with an organic cation. Chemistry of Heterocyclic Compounds, 1979, 15, 1158-1158.	0.6	0
102	Perchlorate of the phenoxazine cation radical. Chemistry of Heterocyclic Compounds, 1979, 15, 1371-1371.	0.6	0
103	The 1,3-dimethyl-2-phenylbenzimidazoline cation radical and its decomposition. Chemistry of Heterocyclic Compounds, 1979, 15, 1372-1372.	0.6	0
104	Azaindole derivatives. Chemistry of Heterocyclic Compounds, 1977, 13, 1221-1224.	0.6	0
105	Organolithium and organosodium compounds of 1,2-dialkylbenzimidazoles. Chemistry of Heterocyclic Compounds, 1976, 12, 1399-1399.	0.6	1
106	Reactions of N-substituted diazoles and their halo derivatives with naphthyllithium and naphthylsodium. Chemistry of Heterocyclic Compounds, 1975, 11, 343-346.	0.6	7
107	Debenzylation of N-benzylazoles. Chemistry of Heterocyclic Compounds, 1974, 10, 496-496.	0.6	0
108	Synthesis of halogenoazoles. Chemistry of Heterocyclic Compounds, 1973, 9, 1025-1027.	0.6	2