Andrei Bogdanov

List of Publications by Citations

81 papers	412 citations	11 h-index	17 g-index
85 ext. papers	478 ext. citations	1.4 avg, IF	3.76 L-index

#	Paper	IF	Citations
81	Advances in the synthesis and application of isoindigo derivatives. *Arkivoc*, **2015**, 2015, 362-392	0.9	29
80	Facile Synthesis of 1,1?-Dialkylisoindigos through Deoxygenation Reaction of Isatins and Tris(diethylamino)phosphine. *Synthesis*, **2010**, 2010, 3268-3270	2.9	26
79	An unusual conformation of 1,1?-dimethyl-isoindigo in crystals. *Journal of Structural Chemistry*, **2012**, 53, 413-416	0.9	20
78	Synthesis and antimicrobial activity evaluation of some novel water-soluble isatin-3-acylhydrazones. *Monatshefte F□ Chemie*, **2018**, 149, 111-117	1.4	19
77	First examples of isatin acylhydrazones with ammonium fragment. *Russian Journal of General Chemistry*, **2016**, 86, 756-757	0.7	17
76	New N-Mannich bases obtained from isatin and piperazine derivatives: the synthesis and evaluation of antimicrobial activity. *Chemistry of Heterocyclic Compounds*, **2016**, 52, 25-30	1.4	16
75	Synthesis and Antimicrobial Study of Novel 1-Benzylated Water-Soluble Isatin-3-hydrazones. *Chemistry and Biodiversity*, **2018**, 15, e1800088	2.5	15
74	Isatin Derivatives Containing Sterically Hindered Phenolic Fragment and Water-Soluble Acyl Hydrazones on Their Basis: Synthesis and Antimicrobial Activity. *Russian Journal of General Chemistry*, **2018**, 88, 57-67	0.7	14
73	Advances in the Synthesis of Isatins: A Survey of the Last Decade. *Synthesis*, **2018**, 50, 1601-1609	2.9	13
72	Isatin derivatives in the reaction with phosphorous hexaethyltriamide. A new approach to the synthesis of isoindigo derivatives. *Russian Journal of General Chemistry*, **2008**, 78, 1977-1979	0.7	13
71	Isatin derivatives in reactions with phosphorus(III-V) compounds. *Chemistry of Heterocyclic Compounds*, **2015**, 51, 421-439	1.4	12
70	Synthesis and antibacterial and antifungal properties of some phosphorus-containing 1,2-dihydroxynaphthalenes. *Pharmaceutical Chemistry Journal*, **2009**, 43, 610-612	0.9	11
69	Synthesis and Biological Evaluation of New Isatin-Based QACs with High Antimicrobial Potency. *ChemistrySelect*, **2019**, 4, 6162-6166	1.8	10
68	Isatin derivatives bearing a fluorine atom. Part 1: Synthesis, hemotoxicity and antimicrobial activity evaluation of fluoro-benzylated water-soluble pyridinium isatin-3-acylhydrazones. *Journal of Fluorine Chemistry*, **2019**, 227, 109345	2.1	9
67	Synthesis and Study of Antimicrobial Activity of Water-Soluble Ammonium Acylhydrazones Based on New 1,□Alkylenebis(isatins). *Russian Journal of General Chemistry*, **2019**, 89, 1368-1376	0.7	8
66	Novel isoindigo derivatives bearing long-chain N-alkyl substituents: Synthesis and self-assemble behavior. *Chemical Physics Letters*, **2014**, 594, 69-73	2.5	8
65	Novel 1-Aminomethylisatins: Peculiarities of the Synthesis and the Reaction with Tris(diethylamino)phosphine. *Journal of Heterocyclic Chemistry*, **2014**, 51, 1027-1030	1.9	8

64	Facile and Convenient Synthesis of Functionalized Aryl-Containing Isoindigo Derivatives via Substituted Indolin-2-one Carbene Dimerization. *Synthetic Communications*, **2012**, 42, 2388-2395	1.7	8
63	A Convenient Deoxygenation-Dimerization-[1+2]-Cycloaddition Synthetic Sequence from Bromoalkylisatins to Indolin-2-onemethanofullerenes Bearing Isoindigo Moiety. *Synthesis*, **2013**, 45, 668-672	2.9	8
62	A convenient synthetic route from isatin N-Mannich bases to nitrogen-containing derivatives of isoindigo. *Monatshefte Fr Chemie*, **2011**, 142, 81-85	1.4	8
61	A catalyst-free and easy nucleophilic addition of certain isatins to sterically hindered 2,6-di-tert-butyl-4-methylenecyclohexa-2,5-dienone. *Arkivoc*, **2013**, 2013, 424-435	0.9	8
60	Synthesis of isatoic anhydride derivatives (microreview). *Chemistry of Heterocyclic Compounds*, **2016**, 52, 90-92	1.4	8
59	1-chloroacetyloxindole(isatin) in reactions with some N-nucleophiles. Unexpetedly easy cleavage of chloroacetyl group. *Russian Journal of General Chemistry*, **2016**, 86, 539-543	0.7	8
58	Solubilization of azo-dye-modified isatin derivative by amphiphilic carboxyresorcinarenes: The effect of macrocycle structure on the supramolecular association. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 553, 368-377	5.1	8
57	An atypical easy reductive cleavage of the conjugated CC bond in 1,1?-disubstituted isoindigos under the action of aqueous hydrazine hydrate. *Tetrahedron Letters*, **2014**, 55, 6615-6618	2	7
56	Features of Reactions of Some 1-Arylaminomethylisatins with Girard Reagent T. *Russian Journal of General Chemistry*, **2018**, 88, 124-126	0.7	6
55	Reaction of 3,6-di(tert-butyl)-1,2-benzoquinone with terminal alkylacetylenes in the presence of phosphorus trichloride. *Russian Chemical Bulletin*, **2009**, 58, 182-190	1.7	6
54	Deoxygenation of Acenaphthenequinone with Hexaethylphosphorous Triamide: An Efficient Method of Synthesis of Biacenaphthylidenedione. *Russian Journal of General Chemistry*, **2005**, 75, 825-826	0.7	6
53	Effect of the substituent on the phosphorus atom on the reaction of aminophosphines with 1-alkylisatins. *Russian Journal of Organic Chemistry*, **2014**, 50, 822-828	0.7	5
52	The Reaction of 1,2-Naphthoquinones with Some P(III) DerivativesA Versatile Synthetic Approach to Potentially Useful Naphthoquinones and Dihydroxynaphthalenes Containing PhosphorusCarbon Bond. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2008**, 183, 571-575	1	5
51	A reaction of 6-bromo-1,2-naphthoquinone with tri(n-butyl)phosphine: A convenient route to phosphorus-containing 1,2-naphthoquinones and 1,2-dihydroxynaphthalenes. *Russian Chemical Bulletin*, **2007**, 56, 555-557	1.7	5
50	Effect of the Cationic Moiety on the Antimicrobial Activity of Sterically Hindered Isatin 3-Hydrazone Derivatives. *Russian Journal of Organic Chemistry*, **2020**, 56, 555-558	0.7	5
49	Opening of 1-acylisatin ring in reactions with primary and secondary amines (microreview). *Chemistry of Heterocyclic Compounds*, **2018**, 54, 686-688	1.4	5
48	Therapeutic nanoreactors for detoxification of xenobiotics: Concepts, challenges and biotechnological trends with special emphasis to organophosphate bioscavenging. *Chemico-Biological Interactions*, **2021**, 346, 109577	5	5
47	Pfitzinger reaction of dialkyl(aryl)(2-methyl-4-oxopent-2-yl)phosphine oxides. *Russian Journal of Organic Chemistry*, **2014**, 50, 518-520	0.7	4

46	Features of the reaction of isatin derivatives with ortho-phenylenediamine. *Russian Journal of General Chemistry*, **2015**, 85, 2413-2415	0.7	3
45	Ammonium-Charged Sterically Hindered Phenols with Antioxidant and Selective Anti-Gram-Positive Bacterial Activity. *Chemistry and Biodiversity*, **2020**, 17, e2000147	2.5	3
44	Nanoscale isoindigo-carriers: self-assembly and tunable properties. *Beilstein Journal of Nanotechnology*, **2017**, 8, 313-324	3	3
43	Synthesis of novel methanofullerenes spiro-coupled with the indolinone fragment and prospects of their use in light-absorbing layers of plastic solar cells. *Russian Chemical Bulletin*, **2011**, 60, 867-872	1.7	3
42	Reactions of 3,5-di(tert-butyl)-1,2-benzoquinone with terminal acetylenes in the presence of phosphorus trichloride. ipso-Substitution of the tert-butyl group. *Russian Chemical Bulletin*, **2007**, 56, 1900-1910	1.7	3
41	Reactions of phenylenedioxytrihalophosphoranes with arylacetylenes. 5. Regiochemistry of the reaction of 2,2,2-trichloro-5-chlorocarbonylbenzo[d]-1,3,2-dioxaphosphole with phenylacetylene. Synthesis and three-dimensional structures of 6-alkylaminocarbonyl-2-oxo-4-phenylbenzo[e]-1,3,2-oxaphosphorinine derivatives. *Russian Chemical*	1.7	3
40	On the Effect of the Nature of Substituents on the Antimicrobial Activity of Water-Soluble Acylhydrazones on the Isatin Scaffold. *Doklady Chemistry*, **2020**, 494, 136-140	0.8	3
39	Novel Azo-Dyes-Modified Isatin Derivatives: Synthesis, UV/VIS Spectroscopic, and Electrochemical Study. *Helvetica Chimica Acta*, **2016**, 99, 597-600	2	3
38	Chemoselective oxidation of 1-alkenylisatins with m-chloroperbenzoic acid. Synthesis of new derivatives of isatoic anhydride. *Russian Journal of General Chemistry*, **2015**, 85, 2030-2036	0.7	2
37	New isatin acylhydrazones containing sterically hindered phenolic fragments. *Russian Journal of General Chemistry*, **2014**, 84, 1860-1862	0.7	2
36	Regiochemistry of the reaction of 3,4,6-triisopropyl-1,2-benzoquinone with phenylacetylene in the presence of phosphorus trichloride. *Russian Journal of Organic Chemistry*, **2012**, 48, 948-952	0.7	2
35	Regiochemistry of the reaction of deoxygenation of 1-tosylisatin with hexaethyltriamidophosphite. *Russian Journal of General Chemistry*, **2011**, 81, 964-965	0.7	2
34	Features of 6-bromo-1,2-naphthoquinone reaction with 1,2-bis(diphenylphosphino)ethane. *Russian Journal of Organic Chemistry*, **2010**, 46, 304-305	0.7	2
33	Enzyme Nanoreactor for Detoxification of Organophosphates.. *ACS Applied Materials & Interfaces*, **2022**,	9.5	2
32	New Ethloroalkyl-substituted isatins and isoindigo. *Russian Journal of Organic Chemistry*, **2017**, 53, 626-627	0.7	1
31	Features of interaction of 1-hydroxymethylisatin with certain P-, S-, and C-electrophiles. *Russian Journal of General Chemistry*, **2015**, 85, 1198-1200	0.7	1
30	Synthesis of new 2-[2-(dialkyl(diaryl)-phosphoryl)-2-methylpropyl]quinoline-4-carboxylic acids. *Chemistry of Heterocyclic Compounds*, **2015**, 51, 717-722	1.4	1
29	Acylation of 1-substituted isoindigos with halocarboxylic acid chlorides. *Russian Journal of Organic Chemistry*, **2015**, 51, 1349-1350	0.7	1

28	Crystal and Molecular Structural Features of Indolin-2-One Derivatives with Sterically Hindered Phenol Moieties. *Journal of Structural Chemistry*, **2018**, 59, 439-448	0.9	1
27	New ω-bromoacylisatins and isoindigos derived therefrom. *Russian Journal of Organic Chemistry*, **2014**, 50, 906-908	0.7	1
26	Chemoselective deoxygenation of 4,5-dinitroacenaphthenequinone with hexaethyltriamidophosphite. *Russian Journal of General Chemistry*, **2013**, 83, 404-405	0.7	1
25	The photoluminescence kinetics of oligothiophene-phenylenesilane crystalline films. *Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta, Fizika)*, **2012**, 67, 409-411	0.7	1
24	Convenient synthesis of ω,ω′-bis(7-bromonaphtho-3,4-quinon-1-yldiphenylphosphonio) derivatives of butane and pentane. *Russian Journal of Organic Chemistry*, **2012**, 48, 1128-1130	0.7	1
23	Reaction of 3,6-di-tert-butyl-4,5-dichloro-1,2-benzoquinone with phenylacetylene in the presence of phosphorus trichloride. *Russian Journal of General Chemistry*, **2006**, 76, 1675-1676	0.7	1
22	Reaction of 4,7-di-tert-butyl-2,2,2-trichloro-1,3,2λ5-benzodioxaphosphole with propargyl chloride. *Russian Journal of General Chemistry*, **2004**, 74, 1289-1290	0.7	1
21	Regioselectivity in the Reaction of Hexaethylphosphorous Triamide with 6-Bromo-1,2-naphthoquinone. Synthesis of (7-Bromo-3,4-dioxo-3,4-dihydronaphthalen-1-yl)tris(diethylamino)phosphonium Bromide. *Russian Journal of Organic Chemistry*, **2005**, 41, 1845-1846	0.7	1
20	Recent advances in the application of isoindigo derivatives in materials chemistry. *Beilstein Journal of Organic Chemistry*, **2021**, 17, 1533-1564	2.5	1
19	Bromination regiochemistry of 4-Phenyl-2,7-dichloro-2H-chryseno-[6,5-e][1,2]phosphinine 2-oxide. *Russian Journal of Organic Chemistry*, **2013**, 49, 1623-1627	0.7	0
18	Reaction of 2,2,2-trichlorobenzo[d]-1,3,2-dioxaphosphole-5-carbonylchloride with phenylacetylene: predominant formation of 2-(2-chloro-2-phenylethenyl)-2,2-dichlorobenzo[d]-1,3,2-dioxaphosphole-5-carbonylchloride. *Russian Chemical Bulletin*, **2006**, 55, 390-392	1.7	0
17	Synthesis and diverse biological activity profile of triethylammonium isatin-3-hydrazones.. *ADMET and DMPK*, **2022**, 10, 163-179	1.3	0
16	Features of the reaction of some symmetrically substituted isoindigos with hydrazine hydrate. *Russian Journal of General Chemistry*, **2017**, 87, 2100-2102	0.7	
15	Synthesis of New (2-Acetamido)phenylglyoxylamides Containing an Acetal Fragment. *Russian Journal of Organic Chemistry*, **2019**, 55, 121-123	0.7	
14	Peculiarities of the reaction of 1-substituted isatins with tris(diethylamino)phosphine in ethanol. *Russian Journal of Organic Chemistry*, **2015**, 51, 441-442	0.7	
13	Condensation of certain selected 1-monoalkylisoindigo with 3,5-di-tert-butyl-4-hydroxybenzyl acetate. *Russian Journal of General Chemistry*, **2015**, 85, 512-513	0.7	
12	Synthesis and spatial structure of P+C(N)C− bipolar ions based of tris(diethylamino)phosphine and some 1,3-diketones. *Russian Journal of General Chemistry*, **2015**, 85, 2042-2047	0.7	
11	Synthesis of First Representatives of Isatin 1,2,3-Thiadiazolylcarbonylhydrazones. *Russian Journal of General Chemistry*, **2020**, 90, 917-920	0.7	

10	Reaction of 1-(4-methylphenyl)-5-phenyl-2,3-dihydro-1H-pyrrole-2,3-dione with tris(diethylamino)phosphine. A new synthesis of 3,3?-bipyrrolylidene-2,2?-dione derivatives. *Russian Journal of Organic Chemistry*, **2014**, 50, 1058-1059	0.7
9	Features of the synthesis of isatins and isoindigo derivatives bearing long-chain haloalkyl substituents. *Monatshefte F Chemie*, **2015**, 146, 365-374	1.4
8	2,2,2-Tribromonaphtho[2,3-d]-1,3,2-Dioxaphosphole: Obtaining and Reaction with Phenylacetylene. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2008**, 183, 650-651	1
7	Reaction of 1,7,7-trimethylbicyclo[2.2.1]heptane-2,3-dione with hexaethyltriamidophosphite in the presence of diethylammonium chloride. Synthesis and the three-dimensional structure of (1,7,7-trimethyl-2-oxobicyclo[2.2.1]hept-3-yloxy)tris(diethylamino)phosphonium chloride. *Russian Chemical Bulletin*, **2006**, 55, 396-398	1.7
6	Effect of Structure of 1-Substituted Isatins on Direction of Their Reactions with Some Acetohydrazide Ammonium Derivatives. *Russian Journal of General Chemistry*, **2020**, 90, 1591-1600	0.7
5	Regiochemistry of Deoxygenation of Nitro-Containing Isatins with Tris(diethylamino)phosphine. *Russian Journal of General Chemistry*, **2018**, 88, 2296-2299	0.7
4	Reaction of 6-Bromo-1,2-naphthoquinone with Tertiary ortho-Anisylphosphines as a Convenient Synthetic Approach to 1,2-Dihydroxynaphthylphosphonium Salts. *Russian Journal of General Chemistry*, **2018**, 88, 2233-2236	0.7
3	Synthesis and Antimicrobial Activity of Some New Isatins Containing Benzotriazole Fragment. *Russian Journal of General Chemistry*, **2018**, 88, 1748-1750	0.7
2	Synthesis of Triazolylisatins Glycoconjugates and Some Ammonium Hydrazones on Their Basis. *Russian Journal of General Chemistry*, **2021**, 91, 1282-1291	0.7
1	Synthesis and Antimicrobial, Antiplatelet, and Anticoagulant Activities of New Isatin Deivatives Containing a Hetero-Fused Imidazole Fragment. *Russian Journal of Organic Chemistry*, **2022**, 58, 327-334	0.7