

Andrei Bogdanov

List of Publications by Year in Descending Order

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

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	Synthesis and diverse biological activity profile of triethylammonium isatin-3-hydrazones.. <i>ADMET and DMPK</i> , 2022 , 10, 163-179	1.3	0
80	Synthesis and Antimicrobial, Antiplatelet, and Anticoagulant Activities of New Isatin Deivatives Containing a Hetero-Fused Imidazole Fragment. <i>Russian Journal of Organic Chemistry</i> , 2022 , 58, 327-334 ^{0.7}		
79	Enzyme Nanoreactor for Detoxification of Organophosphates.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	2
78	Synthesis of Triazolyisatins Glycoconjugates and Some Ammonium Hydrazones on Their Basis. <i>Russian Journal of General Chemistry</i> , 2021 , 91, 1282-1291	0.7	
77	Recent advances in the application of isoindigo derivatives in materials chemistry. <i>Beilstein Journal of Organic Chemistry</i> , 2021 , 17, 1533-1564	2.5	1
76	Therapeutic nanoreactors for detoxification of xenobiotics: Concepts, challenges and biotechnological trends with special emphasis to organophosphate bioscavenging. <i>Chemico-Biological Interactions</i> , 2021 , 346, 109577	5	5
75	Synthesis of First Representatives of Isatin 1,2,3-Thiadiazolylcarbonylhydrazones. <i>Russian Journal of General Chemistry</i> , 2020 , 90, 917-920	0.7	
74	Ammonium-Charged Sterically Hindered Phenols with Antioxidant and Selective Anti-Gram-Positive Bacterial Activity. <i>Chemistry and Biodiversity</i> , 2020 , 17, e2000147	2.5	3
73	Effect of Structure of 1-Substituted Isatins on Direction of Their Reactions with Some Acetohydrazide Ammonium Derivatives. <i>Russian Journal of General Chemistry</i> , 2020 , 90, 1591-1600	0.7	
72	On the Effect of the Nature of Substituents on the Antimicrobial Activity of Water-Soluble Acylhydrazones on the Isatin Scaffold. <i>Doklady Chemistry</i> , 2020 , 494, 136-140	0.8	3
71	Effect of the Cationic Moiety on the Antimicrobial Activity of Sterically Hindered Isatin 3-Hydrazone Derivatives. <i>Russian Journal of Organic Chemistry</i> , 2020 , 56, 555-558	0.7	5
70	Synthesis and Biological Evaluation of New Isatin-Based QACs with High Antimicrobial Potency. <i>ChemistrySelect</i> , 2019 , 4, 6162-6166	1.8	10
69	Synthesis of New (2-Acetamido)phenylglyoxylamides Containing an Acetal Fragment. <i>Russian Journal of Organic Chemistry</i> , 2019 , 55, 121-123	0.7	
68	Synthesis and Study of Antimicrobial Activity of Water-Soluble Ammonium Acylhydrazones Based on New 1,Alkylenebis(isatins). <i>Russian Journal of General Chemistry</i> , 2019 , 89, 1368-1376	0.7	8
67	Isatin derivatives bearing a fluorine atom. Part 1: Synthesis, hemotoxicity and antimicrobial activity evaluation of fluoro-benzylated water-soluble pyridinium isatin-3-acylhydrazones. <i>Journal of Fluorine Chemistry</i> , 2019 , 227, 109345	2.1	9
66	Isatin Derivatives Containing Sterically Hindered Phenolic Fragment and Water-Soluble Acyl Hydrazones on Their Basis: Synthesis and Antimicrobial Activity. <i>Russian Journal of General Chemistry</i> , 2018 , 88, 57-67	0.7	14
65	Features of Reactions of Some 1-Arylaminomethylisatins with Girard's Reagent T. <i>Russian Journal of General Chemistry</i> , 2018 , 88, 124-126	0.7	6

64	Synthesis and antimicrobial activity evaluation of some novel water-soluble isatin-3-acylhydrazones. <i>Monatshefte Für Chemie</i> , 2018 , 149, 111-117	1.4	19
63	Synthesis and Antimicrobial Study of Novel 1-Benzylated Water-Soluble Isatin-3-hydrazones. <i>Chemistry and Biodiversity</i> , 2018 , 15, e1800088	2.5	15
62	Advances in the Synthesis of Isatins: A Survey of the Last Decade. <i>Synthesis</i> , 2018 , 50, 1601-1609	2.9	13
61	Crystal and Molecular Structural Features of Indolin-2-One Derivatives with Sterically Hindered Phenol Moieties. <i>Journal of Structural Chemistry</i> , 2018 , 59, 439-448	0.9	1
60	Regiochemistry of Deoxygenation of Nitro-Containing Isatins with Tris(diethylamino)phosphine. <i>Russian Journal of General Chemistry</i> , 2018 , 88, 2296-2299	0.7	
59	Reaction of 6-Bromo-1,2-naphthoquinone with Tertiary ortho-Anisylphosphines as a Convenient Synthetic Approach to 1,2-Dihydroxynaphthylphosphonium Salts. <i>Russian Journal of General Chemistry</i> , 2018 , 88, 2233-2236	0.7	
58	Synthesis and Antimicrobial Activity of Some New Isatins Containing Benzotriazole Fragment. <i>Russian Journal of General Chemistry</i> , 2018 , 88, 1748-1750	0.7	
57	Opening of 1-acylisatin ring in reactions with primary and secondary amines (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2018 , 54, 686-688	1.4	5
56	Solubilization of azo-dye-modified isatin derivative by amphiphilic carboxyresorcinarenes: The effect of macrocycle structure on the supramolecular association. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 553, 368-377	5.1	8
55	New Chloroalkyl-substituted isatins and isoindigo. <i>Russian Journal of Organic Chemistry</i> , 2017 , 53, 626-627	1.7	1
54	Features of the reaction of some symmetrically substituted isoindigos with hydrazine hydrate. <i>Russian Journal of General Chemistry</i> , 2017 , 87, 2100-2102	0.7	
53	Nanoscale isoindigo-carriers: self-assembly and tunable properties. <i>Beilstein Journal of Nanotechnology</i> , 2017 , 8, 313-324	3	3
52	New N-Mannich bases obtained from isatin and piperazine derivatives: the synthesis and evaluation of antimicrobial activity. <i>Chemistry of Heterocyclic Compounds</i> , 2016 , 52, 25-30	1.4	16
51	Novel Azo-Dyes-Modified Isatin Derivatives: Synthesis, UV/VIS Spectroscopic, and Electrochemical Study. <i>Helvetica Chimica Acta</i> , 2016 , 99, 597-600	2	3
50	Synthesis of isatoic anhydride derivatives (microreview). <i>Chemistry of Heterocyclic Compounds</i> , 2016 , 52, 90-92	1.4	8
49	1-chloroacetyloxindole(isatin) in reactions with some N-nucleophiles. Unexpectedly easy cleavage of chloroacetyl group. <i>Russian Journal of General Chemistry</i> , 2016 , 86, 539-543	0.7	8
48	First examples of isatin acylhydrazones with ammonium fragment. <i>Russian Journal of General Chemistry</i> , 2016 , 86, 756-757	0.7	17
47	Isatin derivatives in reactions with phosphorus(III-V) compounds. <i>Chemistry of Heterocyclic Compounds</i> , 2015 , 51, 421-439	1.4	12

46	Features of interaction of 1-hydroxymethylisatin with certain P-, S-, and C-electrophiles. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 1198-1200	0.7	1
45	Peculiarities of the reaction of 1-substituted isatins with tris(diethylamino)phosphine in ethanol. <i>Russian Journal of Organic Chemistry</i> , 2015 , 51, 441-442	0.7	
44	Condensation of certain selected 1-monoalkylisoindigo with 3,5-di-tert-butyl-4-hydroxybenzyl acetate. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 512-513	0.7	
43	Synthesis of new 2-[2-(dialkyl(diaryl)-phosphoryl)-2-methylpropyl]quinoline-4-carboxylic acids. <i>Chemistry of Heterocyclic Compounds</i> , 2015 , 51, 717-722	1.4	1
42	Acylation of 1-substituted isoindigos with halocarboxylic acid chlorides. <i>Russian Journal of Organic Chemistry</i> , 2015 , 51, 1349-1350	0.7	1
41	Chemoselective oxidation of 1-alkenylisatins with m-chloroperbenzoic acid. Synthesis of new derivatives of isatoic anhydride. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 2030-2036	0.7	2
40	Synthesis and spatial structure of P ⁺ D(N)D ⁻ bipolar ions based of tris(diethylamino)phosphine and some 1,3-diketones. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 2042-2047	0.7	
39	Features of the reaction of isatin derivatives with ortho-phenylenediamine. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 2413-2415	0.7	3
38	Features of the synthesis of isatins and isoindigo derivatives bearing long-chain haloalkyl substituents. <i>Monatshefte Für Chemie</i> , 2015 , 146, 365-374	1.4	
37	Advances in the synthesis and application of isoindigo derivatives. <i>Arkivoc</i> , 2015 , 2015, 362-392	0.9	29
36	Novel isoindigo derivatives bearing long-chain N-alkyl substituents: Synthesis and self-assemble behavior. <i>Chemical Physics Letters</i> , 2014 , 594, 69-73	2.5	8
35	Pfitzinger reaction of dialkyl(aryl)(2-methyl-4-oxopent-2-yl)phosphine oxides. <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 518-520	0.7	4
34	An atypical easy reductive cleavage of the conjugated CC bond in 1,1?-disubstituted isoindigos under the action of aqueous hydrazine hydrate. <i>Tetrahedron Letters</i> , 2014 , 55, 6615-6618	2	7
33	New ?bromoacylisatins and isoindigos derived therefrom. <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 906-908	0.7	1
32	New isatin acylhydrazones containing sterically hindered phenolic fragments. <i>Russian Journal of General Chemistry</i> , 2014 , 84, 1860-1862	0.7	2
31	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. <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 1058-1059	0.7	
30	Effect of the substituent on the phosphorus atom on the reaction of aminophosphines with 1-alkylisatins. <i>Russian Journal of Organic Chemistry</i> , 2014 , 50, 822-828	0.7	5
29	Novel 1-Aminomethylisatins: Peculiarities of the Synthesis and the Reaction with Tris(diethylamino)phosphine. <i>Journal of Heterocyclic Chemistry</i> , 2014 , 51, 1027-1030	1.9	8

28	Chemoselective deoxygenation of 4,5-dinitroacenaphthenequinone with hexaethyltriamidophosphite. <i>Russian Journal of General Chemistry</i> , 2013 , 83, 404-405	0.7	1
27	Bromination regiochemistry of 4-Phenyl-2,7-dichloro-2H-chryseno-[6,5-e][1,2]phosphinine 2-oxide. <i>Russian Journal of Organic Chemistry</i> , 2013 , 49, 1623-1627	0.7	0
26	A Convenient Deoxygenation-Dimerization-[1+2]-Cycloaddition Synthetic Sequence from β -Bromoalkylisatins to Indolin-2-onemethanofullerenes Bearing Isoindigo Moiety. <i>Synthesis</i> , 2013 , 45, 668-672	2.9	8
25	A catalyst-free and easy nucleophilic addition of certain isatins to sterically hindered 2,6-di-tert-butyl-4-methylenecyclohexa-2,5-dienone. <i>Arkivoc</i> , 2013 , 2013, 424-435	0.9	8
24	An unusual conformation of 1,1'-dimethyl-isoindigo in crystals. <i>Journal of Structural Chemistry</i> , 2012 , 53, 413-416	0.9	20
23	The photoluminescence kinetics of oligothiophene-phenylenesilane crystalline films. <i>Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta, Fizika)</i> , 2012 , 67, 409-411	0.7	1
22	Regiochemistry of the reaction of 3,4,6-triisopropyl-1,2-benzoquinone with phenylacetylene in the presence of phosphorus trichloride. <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 948-952	0.7	2
21	Convenient synthesis of β - and β -bis(7-bromonaphtho-3,4-quinon-1-yl)diphenylphosphonio derivatives of butane and pentane. <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 1128-1130	0.7	1
20	Facile and Convenient Synthesis of Functionalized Aryl-Containing Isoindigo Derivatives via Substituted Indolin-2-one Carbene Dimerization. <i>Synthetic Communications</i> , 2012 , 42, 2388-2395	1.7	8
19	Regiochemistry of the reaction of deoxygenation of 1-tosylisatin with hexaethyltriamidophosphite. <i>Russian Journal of General Chemistry</i> , 2011 , 81, 964-965	0.7	2
18	Synthesis of novel methanofullerenes spiro-coupled with the indolinone fragment and prospects of their use in light-absorbing layers of plastic solar cells. <i>Russian Chemical Bulletin</i> , 2011 , 60, 867-872	1.7	3
17	A convenient synthetic route from isatin N-Mannich bases to nitrogen-containing derivatives of isoindigo. <i>Monatshefte für Chemie</i> , 2011 , 142, 81-85	1.4	8
16	Facile Synthesis of 1,1'-Dialkylisoindigos through Deoxygenation Reaction of Isatins and Tris(diethylamino)phosphine. <i>Synthesis</i> , 2010 , 2010, 3268-3270	2.9	26
15	Features of 6-bromo-1,2-naphthoquinone reaction with 1,2-bis(diphenylphosphino)ethane. <i>Russian Journal of Organic Chemistry</i> , 2010 , 46, 304-305	0.7	2
14	Synthesis and antibacterial and antifungal properties of some phosphorus-containing 1,2-dihydroxynaphthalenes. <i>Pharmaceutical Chemistry Journal</i> , 2009 , 43, 610-612	0.9	11
13	Reaction of 3,6-di(tert-butyl)-1,2-benzoquinone with terminal alkylacetylenes in the presence of phosphorus trichloride. <i>Russian Chemical Bulletin</i> , 2009 , 58, 182-190	1.7	6
12	The Reaction of 1,2-Naphthoquinones with Some P(III) Derivatives: A Versatile Synthetic Approach to Potentially Useful Naphthoquinones and Dihydroxynaphthalenes Containing Phosphorus-Carbon Bond. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 183, 571-575	1	5
11	2,2,2-Tribromonaphtho[2,3-d]-1,3,2-Dioxaphosphole: Obtaining and Reaction with Phenylacetylene. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 183, 650-651	1	

10	Isatin derivatives in the reaction with phosphorous hexaethyltriamide. A new approach to the synthesis of isoindigo derivatives. <i>Russian Journal of General Chemistry</i> , 2008 , 78, 1977-1979	0.7	13
9	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. <i>Russian Chemical Bulletin</i> , 2007 , 56, 555-557	1.7	5
8	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. <i>Russian Chemical Bulletin</i> , 2007 , 56, 1900-1910	1.7	3
7	Reaction of 3,6-di-tert-butyl-4,5-dichloro-1,2-benzoquinone with phenylacetylene in the presence of phosphorus trichloride. <i>Russian Journal of General Chemistry</i> , 2006 , 76, 1675-1676	0.7	1
6	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. <i>Russian Chemical Bulletin</i> , 2006 , 55, 390-392	1.7	0
5	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. <i>Russian Chemical Bulletin</i> , 2006 , 55, 386-388	1.7	
4	Deoxygenation of Acenaphthenequinone with Hexaethylphosphorous Triamide: An Efficient Method of Synthesis of Biacenaphthylidenedione. <i>Russian Journal of General Chemistry</i> , 2005 , 75, 825-826	0.7	6
3	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. <i>Russian Chemical Bulletin</i> , 2005 , 54, 1615-1617	0.7	1
2	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]-1,2-oxaphosphorinine derivatives. <i>Russian Chemical Bulletin</i> , 2005 , 54, 1615-1617	1.7	3
1	Reaction of 4,7-di-tert-butyl-2,2,2-trichloro-1,3,2-benzodioxaphosphole with propargyl chloride. <i>Russian Journal of General Chemistry</i> , 2004 , 74, 1289-1290	0.7	1