

# Olga N Kataeva

## 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.

70  
papers

828  
citations

17  
h-index

26  
g-index

71  
ext. papers

997  
ext. citations

3.4  
avg, IF

4.17  
L-index

#	Paper	IF	Citations
70	Self-Assembling Metallocomplexes of the Amphiphilic 1,4-Diazabicyclo[2.2.2]octane Derivative as a Platform for the Development of Nonplatinum Anticancer Drugs.. <i>ACS Omega</i> , <b>2022</b> , 7, 3073-3082	3.9	2
69	New Charge Transfer Cocrystals of F2TCNQ with Polycyclic Aromatic Hydrocarbons: Acceptor-Acceptor Interactions and Their Contribution to Supramolecular Arrangement and Charge Transfer. <i>Crystal Growth and Design</i> , <b>2022</b> , 22, 751-762	3.5	3
68	Zwitterionic form of Ugi amine H-phosphinic acid: Structure and electrochemical properties. <i>Electrochemistry Communications</i> , <b>2021</b> , 126, 107019	5.1	1
67	Iron-Catalyzed Wacker-type Oxidation of Olefins at Room Temperature with 1,3-Diketones or Neocuproine as Ligands*. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 14083-14090	16.4	9
66	Iron-Catalyzed Wacker-type Oxidation of Olefins at Room Temperature with 1,3-Diketones or Neocuproine as Ligands**. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 14202-14209	3.6	3
65	First Total Synthesis and Investigation of the X-ray Crystal Structure of the Pyrano[3,2-a]carbazole Alkaloid Clausenalansine[A. <i>Synthesis</i> , <b>2021</b> , 53, 359-364	2.9	1
64	Understanding Intermolecular Interactions in a Tetracene-B4TCNQ Cocrystal via Its Electron Density Distribution and Topology. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 471-481	3.5	6
63	First example of Ugi's amine as a platform for the construction of chiral coordination polymers: synthesis and properties. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 2791-2794	3.6	2
62	Supramolecular chirality in the crystals of mononuclear and polymeric cobalt(II) complexes with enantiopure and racemic N-thiophosphorylated thioureas. <i>CrystEngComm</i> , <b>2021</b> , 23, 2081-2090	3.3	1
61	Competitive Hydrogen Bonding and Unprecedented Polymorphism in Selected Chiral Phosphorylated Thioureas. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 5460-5471	3.5	1
60	Iron-Catalyzed Synthesis, Structure, and Photophysical Properties of Tetraaryl naphthidines. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7
59	Electrochemically Driven and Acid-Driven Pyridine-Directed ortho-Phosphorylation of C(sp <sup>2</sup> )-H Bonds. <i>Organometallics</i> , <b>2020</b> , 39, 2446-2454	3.8	5
58	Electrochemical Properties and Structure of Multi-Ferrocenyl Phosphorus Thioesters. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
57	Synthesis of the first chiral polynuclear copper(I) complex based on (R)-1-(1-phenyl)ethyl-3-(O,O-diethylthiophosphoryl)thiourea and its characterization in the solid state and solution. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 3224-3231	3.6	1
56	Iron-Catalyzed Oxidative C-C Cross-Coupling Reaction of Tertiary Anilines with Hydroxyarenes by Using Air as Sole Oxidant. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 2499-2508	4.8	13
55	Synthesis, structure, and electrochemical properties of 4,5-diaryl-1,2,3-triphosphaferrocenes and the first example of multi(phosphaferrocene). <i>Dalton Transactions</i> , <b>2020</b> , 49, 17252-17262	4.3	3
54	Sterically Hindered Phosphonium Salts: Structure, Properties and Palladium Nanoparticle Stabilization. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	5

53	Zn and Co redox active coordination polymers as efficient electrocatalysts. <i>Dalton Transactions</i> , <b>2019</b> , 48, 3601-3609	4.3	29
52	Co-Ligand Induced Chiral Recognition of N-Thiophosphorylated Thioureas in Crystalline Ni(II) Complexes. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 4044-4056	3.5	6
51	One-Electron Reduction of Acenaphthene-1,2-Diimine Nickel(II) Complexes. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 2979-2987	4.5	4
50	Charge-Transfer Complexes of Linear Acenes with a New Acceptor Perfluoroanthraquinone. The Interplay of Charge-Transfer and F $\cdots$ F Interactions. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 5123-5131	3.5	5
49	Supramolecular architecture of diammonium ferrocene-1,1'-diyl-di(methylphosphinate). <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 904, 121004	2.3	2
48	Synthesis and complexation of N,N-Bis(O-diethylhydroxyphosphorylmethyl)-N-butylamine. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2019</b> , 194, 317-318	1	
47	Excellent supercapacitor and sensor performance of robust cobalt phosphinate ferrocenyl organic framework materials achieved by intrinsic redox and structure properties. <i>Dalton Transactions</i> , <b>2019</b> , 48, 16986-16992	4.3	14
46	An unusual donor-acceptor system MnPc-TCNQ/F-TCNQ and the properties of the mixed single crystals of metal phthalocyanines with organic acceptor molecules. <i>Dalton Transactions</i> , <b>2019</b> , 48, 17252-17257	4.3	17
45	Chirality Control in Crystalline Ni(II) Complexes of Thiophosphorylated Thioureas. <i>Crystals</i> , <b>2019</b> , 9, 606	2.3	2
44	The reaction of phosphorylation of trans-aconitic acid by tertiary phosphines. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2019</b> , 194, 319-320	1	4
43	Synthesis and membrane-transport properties of phosphorylated diamines, azapodands and their derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2019</b> , 194, 560-564	1	1
42	The unusual reaction of alkylation of dicarboxylate phosphobetaines in alcohol media. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2019</b> , 194, 580-584	1	
41	First Total Synthesis of 7-Isovaleryloxy-8-methoxygirinimbine. <i>Synthesis</i> , <b>2018</b> , 50, 2516-2522	2.9	4
40	A new surfactant-copper(ii) complex based on 1,4-diazabicyclo[2.2.2]octane amphiphile. Crystal structure determination, self-assembly and functional activity. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 12688-12699	3.6	12
39	Chiral S-stannyl dithiophosphates and dithiophosphonates on the basis of monoterpenols. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4320	3.1	1
38	Synthesis of 1,1F and 2,2FBicarbazole Alkaloids by Iron(III)-Catalyzed Oxidative Coupling of 2- and 1-Hydroxycarbazoles. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 458-470	4.8	26
37	Synthesis and Activity against of Olivacine and Oxygenated Derivatives. <i>Molecules</i> , <b>2018</b> , 23,	4.8	6
36	Synthesis of Euchrestifoline Using Iron- and Palladium-Catalyzed C-H Bond Activations. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 4272-4276	3.2	6

35	Enantioselective Total Synthesis and Assignment of the Absolute Configuration of the Furo[3,2-a]carbazole Alkaloid Furoclausine-B. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 15136-15143	4.2	7
34	Electron Transfer and Unusual Chemical Transformations of F4-TCNQ in a Reaction with Mn-Phthalocyanine. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 3344-3353	2.3	9
33	Isolation and structure elucidation of natural products of three soft corals and a sponge from the coast of Madagascar. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 2593-2608	3.9	26
32	First Total Synthesis of the Cytotoxic Carbazole Alkaloid Excavatine-A and Regioselective Annulation to Pyrano[2,3-a]carbazoles and [1,4]Oxazepino[2,3,4-jk]carbazoles. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 3288-3300	3.2	6
31	Iron-Catalyzed Oxidative C-C and N-N Coupling of Diarylamines and Synthesis of Spiroacridines. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 549-553	16.4	42
30	Iridium double perovskite Sr <sub>2</sub> YrO <sub>6</sub> : A combined structural and specific heat study. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	39
29	Iron-Catalyzed Oxidative C-C and N-N Coupling of Diarylamines and Synthesis of Spiroacridines. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 564-568	3.6	20
28	Synthesis of Tetranuclear Palladium(II) Complexes and Their Catalytic Activity for Cross-Coupling Reactions. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 17576-17583	4.8	7
27	Synthesis of isomeric (E)-[4-(dimethylamino)phenyl]-vinylquinoxalines [precursors for a new class of nonlinear optical chromophores. <i>Chemistry of Heterocyclic Compounds</i> , <b>2017</b> , 53, 504-510	1.4	19
26	Novel type of isoprenoid membrane anchors: an investigation of binding properties with dipalmitoylphosphatidylcholine vesicles. <i>Journal of Physical Organic Chemistry</i> , <b>2017</b> , 30, e3618	2.1	1
25	Synthesis, structure, and biological activity of dicarboxylate phosphobetaines. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2016</b> , 191, 1633-1636	1	7
24	Crystal Growth, Dynamic and Charge Transfer Properties of New Coronene Charge Transfer Complexes. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 331-338	3.5	41
23	First coordination polymers on the bases of chiral thiophosphorylated thioureas. <i>Inorganic Chemistry Communication</i> , <b>2016</b> , 66, 11-14	3.1	9
22	Redox trends in cyclometalated palladium(II) complexes. <i>Dalton Transactions</i> , <b>2016</b> , 46, 165-177	4.3	24
21	Triphenylphosphine in reactions with haloalkylcarboxylic acids. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2016</b> , 191, 1637-1639	1	7
20	Reversible Water-Induced Structural and Magnetic Transformations and Selective Water Adsorption Properties of Poly(manganese 1,1'-ferrocenediyl-bis(H-phosphinate)). <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 5084-5090	3.5	29
19	Electrochemical properties of diphosphonate-bridged palladacycles and their reactivity in arene phosphonation. <i>Journal of Solid State Electrochemistry</i> , <b>2015</b> , 19, 2665-2672	2.6	43
18	Enhancing the reactivity of 1,2-diphospholes in cycloaddition reactions. <i>Beilstein Journal of Organic Chemistry</i> , <b>2015</b> , 11, 169-73	2.5	7

17	Crystal structure of phosphonium carboxylate complexes. The role of the metal coordination geometry, ligand conformation and hydrogen bonding. <i>CrystEngComm</i> , <b>2014</b> , 16, 9010-9024	3.3	11
16	Crystal Growth, Structure, and Transport Properties of the Charge-Transfer Salt Picene/2,3,5,6-Tetrafluoro-7,7,8,8-tetracyanoquinodimethane. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 1338-1346	3.5	54
15	Chiral Thiophosphorylated Thioureas: Synthesis, Structure, and Cyclization Reaction. <i>Heteroatom Chemistry</i> , <b>2014</b> , 25, 636-643	1.2	5
14	Synthesis and structure of ferrocenylphosphinic acids. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 766, 40-48	2.3	31
13	Electrochemical Ortho Functionalization of 2-Phenylpyridine with Perfluorocarboxylic Acids Catalyzed by Palladium in Higher Oxidation States. <i>Organometallics</i> , <b>2013</b> , 32, 4785-4792	3.8	69
12	Synthesis and Stereoselective Interconversion of Chiral 1-Aza-3,6-diphosphacycloheptanes. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 1857-1866	2.3	20
11	Single Crystal Growth of the CeCu <sub>2</sub> Si <sub>2</sub> Intermetallic Compound by a Vertical Floating Zone Method. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 431-435	3.5	6
10	Stereoselective Synthesis of $\beta$ -Aminophosphonic Acids Using the Betti Base as Chiral Auxiliary. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2011</b> , 186, 712-717	1	5
9	Synthesis of Polycyclic Hexacoordinated Phosphorus Derivatives from Salicylaldehyde Diimines. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2011</b> , 186, 775-777	1	1
8	Single Crystal Growth and Characterization of Superconducting LiFeAs. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 4428-4432	3.5	46
7	Diastereoselective Synthesis of Enantiopure Cyclic $\beta$ -Aminophosphonic Acids. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2008</b> , 183, 2647-2648	1	3
6	Development of the Synthesis Methods of Polyheterophosphacyclanes with Endocyclic P-C Bond on the Basis of Functionalized Alkylphosphonates (-Phosphinates). <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2008</b> , 183, 449-451	1	
5	Phosphonylation of 1,3-Diaryl-2,3-dihydro-1H-naphth[1,2-e][1,3]oxazine by Dialkyl and Diaryl Phosphonates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2008</b> , 183, 2645-2646	1	
4	First examples of the cocrystallization of diastereomers of chiral phosphorus compounds. <i>Structural Chemistry</i> , <b>2008</b> , 19, 873-878	1.8	7
3	Synthesis and crystal structure of some phosphite, thiophosphite, and amidophosphite copper(I) halide complexes. <i>Heteroatom Chemistry</i> , <b>2008</b> , 19, 483-489	1.2	4
2	Transformation of copper(I) thiophosphite complexes into copper(I) clusters bridged by diisopropyldisulfides and diethyldisulfides. <i>Heteroatom Chemistry</i> , <b>2006</b> , 17, 542-546	1.2	6
1	Reversible enantiofaciale Differenzierung eines einzelnen heterocyclischen Substrates durch supramolekulare Rezeptoren. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 2724-2727	3.6	26