Olga N Kataeva

List of Publications by Citations

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	Electrochemical Ortho Functionalization of 2-Phenylpyridine with Perfluorocarboxylic Acids Catalyzed by Palladium in Higher Oxidation States. *Organometallics*, **2013**, 32, 4785-4792	3.8	69
69	Crystal Growth, Structure, and Transport Properties of the Charge-Transfer Salt Picene/2,3,5,6-Tetrafluoro-7,7,8,8-tetracyanoquinodimethane. *Crystal Growth and Design*, **2014**, 14, 1338-1346	3.5	54
68	Single Crystal Growth and Characterization of Superconducting LiFeAs. *Crystal Growth and Design*, **2010**, 10, 4428-4432	3.5	46
67	Electrochemical properties of diphosphonate-bridged palladacycles and their reactivity in arene phosphonation. *Journal of Solid State Electrochemistry*, **2015**, 19, 2665-2672	2.6	43
66	Iron-Catalyzed Oxidative C-C and N-N Coupling of Diarylamines and Synthesis of Spiroacridines. *Angewandte Chemie - International Edition*, **2017**, 56, 549-553	16.4	42
65	Crystal Growth, Dynamic and Charge Transfer Properties of New Coronene Charge Transfer Complexes. *Crystal Growth and Design*, **2016**, 16, 331-338	3.5	41
64	Iridium double perovskite Sr2YIrO6: A combined structural and specific heat study. *Physical Review B*, **2017**, 95,	3.3	39
63	Synthesis and structure of ferrocenylphosphinic acids. *Journal of Organometallic Chemistry*, **2014**, 766, 40-48	2.3	31
62	Zn and Co redox active coordination polymers as efficient electrocatalysts. *Dalton Transactions*, **2019**, 48, 3601-3609	4.3	29
61	Reversible Water-Induced Structural and Magnetic Transformations and Selective Water Adsorption Properties of Poly(manganese 1,1?-ferrocenediyl-bis(H-phosphinate)). *Crystal Growth and Design*, **2016**, 16, 5084-5090	3.5	29
60	Isolation and structure elucidation of natural products of three soft corals and a sponge from the coast of Madagascar. *Organic and Biomolecular Chemistry*, **2017**, 15, 2593-2608	3.9	26
59	Synthesis of 1,1Ŧ and 2,2Ŧ-Bicarbazole Alkaloids by Iron(III)-Catalyzed Oxidative Coupling of 2- and 1-Hydroxycarbazoles. *Chemistry - A European Journal*, **2018**, 24, 458-470	4.8	26
58	Reversible enantiofaciale Differenzierung eines einzelnen heterocyclischen Substrates durch supramolekulare Rezeptoren. *Angewandte Chemie*, **2003**, 115, 2724-2727	3.6	26
57	Redox trends in cyclometalated palladium(ii) complexes. *Dalton Transactions*, **2016**, 46, 165-177	4.3	24
56	Iron-Catalyzed Oxidative C□□ and N□□ Coupling of Diarylamines and Synthesis of Spiroacridines. *Angewandte Chemie*, **2017**, 129, 564-568	3.6	20
55	Synthesis and Stereoselective Interconversion of Chiral 1-Aza-3,6-diphosphacycloheptanes. *European Journal of Inorganic Chemistry*, **2012**, 2012, 1857-1866	2.3	20
54	Synthesis of isomeric (E)-[4-(dimethylamino)phenyl]-vinylquinoxalines □precursors for a new class of nonlinear optical chromophores. *Chemistry of Heterocyclic Compounds*, **2017**, 53, 504-510	1.4	19

53	Excellent supercapacitor and sensor performance of robust cobalt phosphinate ferrocenyl organic framework materials achieved by intrinsic redox and structure properties. *Dalton Transactions*, **2019**, 48, 16986-16992	4.3	14
52	Iron-Catalyzed Oxidative C-C Cross-Coupling Reaction of Tertiary Anilines with Hydroxyarenes by Using Air as Sole Oxidant. *Chemistry - A European Journal*, **2020**, 26, 2499-2508	4.8	13
51	A new surfactant-copper(ii) complex based on 1,4-diazabicyclo[2.2.2]octane amphiphile. Crystal structure determination, self-assembly and functional activity. *Physical Chemistry Chemical Physics*, **2018**, 20, 12688-12699	3.6	12
50	Crystal structure of phosphonium carboxylate complexes. The role of the metal coordination geometry, ligand conformation and hydrogen bonding. *CrystEngComm*, **2014**, 16, 9010-9024	3.3	11
49	First coordination polymers on the bases of chiral thiophosphorylated thioureas. *Inorganic Chemistry Communication*, **2016**, 66, 11-14	3.1	9
48	Iron-Catalyzed Wacker-type Oxidation of Olefins at Room Temperature with 1,3-Diketones or Neocuproine as Ligands*. *Angewandte Chemie - International Edition*, **2021**, 60, 14083-14090	16.4	9
47	Electron Transfer and Unusual Chemical Transformations of F4-TCNQ in a Reaction with Mn-Phthalocyanine. *European Journal of Inorganic Chemistry*, **2018**, 2018, 3344-3353	2.3	9
46	Iron-Catalyzed Synthesis, Structure, and Photophysical Properties of Tetraarylnaphthidines. *Molecules*, **2020**, 25,	4.8	7
45	Synthesis, structure, and biological activity of dicarboxylate phosphabetaines. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2016**, 191, 1633-1636	1	7
44	Synthesis of Tetranuclear Palladium(II) Complexes and Their Catalytic Activity for Cross-Coupling Reactions. *Chemistry - A European Journal*, **2017**, 23, 17576-17583	4.8	7
43	Enhancing the reactivity of 1,2-diphospholes in cycloaddition reactions. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 169-73	2.5	7
42	First examples of the cocrystallization of diastereomers of chiral phosphorus compounds. *Structural Chemistry*, **2008**, 19, 873-878	1.8	7
41	Triphenylphosphine in reactions with ω-haloalkylcarboxylic acids. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2016**, 191, 1637-1639	1	7
40	Enantioselective Total Synthesis and Assignment of the Absolute Configuration of the Furo[3,2-a]carbazole Alkaloid Furoclausine-B. *Journal of Organic Chemistry*, **2018**, 83, 15136-15143	4.2	7
39	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. *European Journal of Organic Chemistry*, **2017**, 2017, 3288-3300	3.2	6
38	Co-Ligand Induced Chiral Recognition of N-Thiophosphorylated Thioureas in Crystalline Ni(II) Complexes. *Crystal Growth and Design*, **2019**, 19, 4044-4056	3.5	6
37	Synthesis and Activity against of Olivacine and Oxygenated Derivatives. *Molecules*, **2018**, 23,	4.8	6
36	Synthesis of Euchrestifoline Using Iron- and Palladium-Catalyzed C–H Bond Activations. *European Journal of Organic Chemistry*, **2018**, 2018, 4272-4276	3.2	6

35	Single Crystal Growth of the CeCu2Si2 Intermetallic Compound by a Vertical Floating Zone Method. *Crystal Growth and Design*, **2011**, 11, 431-435	3.5	6
34	Transformation of copper(I) thiophosphite complexes into copper(I) clusters bridged by diisopropyldisulfides and diethyldisulfides. *Heteroatom Chemistry*, **2006**, 17, 542-546	1.2	6
33	Understanding Intermolecular Interactions in a Tetracene–4TCNQ Cocrystal via Its Electron Density Distribution and Topology. *Crystal Growth and Design*, **2021**, 21, 471-481	3.5	6
32	Electrochemically Driven and Acid-Driven Pyridine-Directed ortho-Phosphorylation of C(sp2)–H Bonds. *Organometallics*, **2020**, 39, 2446-2454	3.8	5
31	Charge-Transfer Complexes of Linear Acenes with a New Acceptor Perfluoroanthraquinone. The Interplay of Charge-Transfer and F···F Interactions. *Crystal Growth and Design*, **2019**, 19, 5123-5131	3.5	5
30	Chiral Thiophosphorylated Thioureas: Synthesis, Structure, and Cyclization Reaction. *Heteroatom Chemistry*, **2014**, 25, 636-643	1.2	5
29	Stereoselective Synthesis of α-Aminophosphonic Acids Using the Betti Base as Chiral Auxiliary. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2011**, 186, 712-717	1	5
28	Sterically Hindered Phosphonium Salts: Structure, Properties and Palladium Nanoparticle Stabilization. *Nanomaterials*, **2020**, 10,	5.4	5
27	Electrochemical Properties and Structure of Multi-Ferrocenyl Phosphorus Thioesters. *Molecules*, **2020**, 25,	4.8	4
26	First Total Synthesis of 7-Isovaleryloxy-8-methoxygirinimbine. *Synthesis*, **2018**, 50, 2516-2522	2.9	4
25	One-Electron Reduction of Acenaphthene-1,2-Diimine Nickel(II) Complexes. *Chemistry - an Asian Journal*, **2019**, 14, 2979-2987	4.5	4
24	Synthesis and crystal structure of some phosphite, thiophosphite, and amidophosphite copper(I) halide complexes. *Heteroatom Chemistry*, **2008**, 19, 483-489	1.2	4
23	The reaction of phosphorylation of trans-aconitic acid by tertiary phosphines. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2019**, 194, 319-320	1	4
22	Diastereoselective Synthesis of Enantiopure Cyclic α-Aminophosphonic Acids. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2008**, 183, 2647-2648	1	3
21	Synthesis, structure, and electrochemical properties of 4,5-diaryl-1,2,3-triphosphaferrocenes and the first example of multi(phosphaferrocene). *Dalton Transactions*, **2020**, 49, 17252-17262	4.3	3
20	Iron-Catalyzed Wacker-type Oxidation of Olefins at Room Temperature with 1,3-Diketones or Neocuproine as Ligands**. *Angewandte Chemie*, **2021**, 133, 14202-14209	3.6	3
19	New Charge Transfer Cocrystals of F2TCNQ with Polycyclic Aromatic Hydrocarbons: Acceptor–Acceptor Interactions and Their Contribution to Supramolecular Arrangement and Charge Transfer. *Crystal Growth and Design*, **2022**, 22, 751-762	3.5	3
18	Supramolecular architecture of diammonium ferrocene-1,1?-diyldi(methylphosphinate). *Journal of Organometallic Chemistry*, **2019**, 904, 121004	2.3	2

17	Self-Assembling Metallocomplexes of the Amphiphilic 1,4-Diazabicyclo[2.2.2]octane Derivative as a Platform for the Development of Nonplatinum Anticancer Drugs.. *ACS Omega*, **2022**, 7, 3073-3082	3.9	2
16	Chirality Control in Crystalline Ni(II) Complexes of Thiophosphorylated Thioureas. *Crystals*, **2019**, 9, 606	2.3	2
15	First example of Ugi's amine as a platform for the construction of chiral coordination polymers: synthesis and properties. *New Journal of Chemistry*, **2021**, 45, 2791-2794	3.6	2
14	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. *New Journal of Chemistry*, **2020**, 44, 3224-3231	3.6	1
13	Chiral S-stannyl dithiophosphates and dithiophosphonates on the basis of monoterpenols. *Applied Organometallic Chemistry*, **2018**, 32, e4320	3.1	1
12	Novel type of isoprenoid membrane anchors: an investigation of binding properties with dipalmitoylphosphatidylcholine vesicles. *Journal of Physical Organic Chemistry*, **2017**, 30, e3618	2.1	1
11	Synthesis of Polycyclic Hexacoordinated Phosphorus Derivatives from Salicylaldehyde Diimines. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2011**, 186, 775-777	1	1
10	Zwitterionic form of Ugi amine H-phosphinic acid: Structure and electrochemical properties. *Electrochemistry Communications*, **2021**, 126, 107019	5.1	1
9	Synthesis and membrane-transport properties of phosphorylated diamines, azapodands and their derivatives. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2019**, 194, 560-564	1	1
8	First Total Synthesis and Investigation of the X-ray Crystal Structure of the Pyrano[3,2-a]carbazole Alkaloid Clausenalansine A. *Synthesis*, **2021**, 53, 359-364	2.9	1
7	Supramolecular chirality in the crystals of mononuclear and polymeric cobalt(II) complexes with enantiopure and racemic N-thiophosphorylated thioureas. *CrystEngComm*, **2021**, 23, 2081-2090	3.3	1
6	Competitive Hydrogen Bonding and Unprecedented Polymorphism in Selected Chiral Phosphorylated Thioureas. *Crystal Growth and Design*, **2021**, 21, 5460-5471	3.5	1
5	Development of the Synthesis Methods of Polyheterophosphacyclanes with Endocyclic P-C Bond on the Basis of Functionalized Alkylphosphonates (-Phosphinates). *Phosphorus, Sulfur and Silicon and the Related Elements*, **2008**, 183, 449-451	1	
4	Phosphonylation of 1,3-Diaryl-2,3-dihydro1H-naphth[1,2-e][1,3]oxazine by Dialkyl and Diaryl Phosphonates. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2008**, 183, 2645-2646	1	
3	Synthesis and complexation of N,N-Bis(O-diethylhydroxyphosphorylmethyl)-N-butylamine. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2019**, 194, 317-318	1	
2	An unusual donor-acceptor system MnPc-TCNQ/F-TCNQ and the properties of the mixed single crystals of metal phthalocyanines with organic acceptor molecules. *Dalton Transactions*, **2019**, 48, 17252-17257	4.3	
1	The unusual reaction of alkylation of dicarboxylate phosphabetaines in alcohol media. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2019**, 194, 580-584	1	