Olga N Kataeva

List of Publications by Year
in descending order

71	1,133	393982	454577
papers	citations	19 h-index	30 g-index

71	71	71	1413
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrochemical Ortho Functionalization of 2-Phenylpyridine with Perfluorocarboxylic Acids Catalyzed by Palladium in Higher Oxidation States. Organometallics, 2013, 32, 4785-4792.	1.1	85
2	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.	1.4	66
3	Ironâ€Catalyzed Oxidative Câˆ'C and Nâˆ'N Coupling of Diarylamines and Synthesis of Spiroacridines. Angewandte Chemie - International Edition, 2017, 56, 549-553.	7.2	64
4	Single Crystal Growth and Characterization of Superconducting LiFeAs. Crystal Growth and Design, 2010, 10, 4428-4432.	1.4	54
5	Electrochemical properties of diphosphonate-bridged palladacycles and their reactivity in arene phosphonation. Journal of Solid State Electrochemistry, 2015, 19, 2665-2672.	1.2	50
6	Iridium double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:m : A combined structural and specific heat study. Physical Review B, 2017, 95, .	1.1	49
7	Crystal Growth, Dynamic and Charge Transfer Properties of New Coronene Charge Transfer Complexes. Crystal Growth and Design, 2016, 16, 331-338.	1.4	45
8	Zn and Co redox active coordination polymers as efficient electrocatalysts. Dalton Transactions, 2019, 48, 3601-3609.	1.6	41
9	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.	1.5	38
10	Synthesis and structure of ferrocenylphosphinic acids. Journal of Organometallic Chemistry, 2014, 766, 40-48.	0.8	36
11	Reversible Water-Induced Structural and Magnetic Transformations and Selective Water Adsorption Properties of Poly(manganese 1,1â€²-ferrocenediyl-bis(H-phosphinate)). Crystal Growth and Design, 2016, 16, 5084-5090.	1.4	34
12	Redox trends in cyclometalated palladium(<scp>ii</scp>) complexes. Dalton Transactions, 2017, 46, 165-177.	1.6	34
13	Synthesis of 1,1â€²â€•and 2,2â€²â€Bicarbazole Alkaloids by Iron(III)â€Catalyzed Oxidative Coupling of 2â€•and 1â€Hydroxycarbazoles. Chemistry - A European Journal, 2018, 24, 458-470.	1.7	34
14	Ironâ€Catalyzed Wackerâ€type Oxidation of Olefins at Room Temperature with 1,3â€Diketones or Neocuproine as Ligands**. Angewandte Chemie - International Edition, 2021, 60, 14083-14090.	7.2	29
15	Ironâ€Catalyzed Oxidative Câˆ'C and Nâˆ'N Coupling of Diarylamines and Synthesis of Spiroacridines. Angewandte Chemie, 2017, 129, 564-568.	1.6	28
16	Reversible enantiofaciale Differenzierung eines einzelnen heterocyclischen Substrates durch supramolekulare Rezeptoren. Angewandte Chemie, 2003, 115, 2724-2727.	1.6	27
17	Synthesis of isomeric (E)-[4-(dimethylamino)phenyl]-vinylquinoxalines â€“ precursors for a new class of nonlinear optical chromophores. Chemistry of Heterocyclic Compounds, 2017, 53, 504-510.	0.6	23
18	Ironâ€Catalyzed Oxidative Câˆ'C Crossâ€Coupling Reaction of Tertiary Anilines with Hydroxyarenes by Using Air as Sole Oxidant**. Chemistry - A European Journal, 2020, 26, 2499-2508.	1.7	23

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19	Synthesis and Stereoselective Interconversion of Chiral 1â€Azaâ€3,6â€diphosphacycloheptanes. European Journal of Inorganic Chemistry, 2012, 2012, 1857-1866.	1.0	21
20	Crystal structure of phosphonium carboxylate complexes. The role of the metal coordination geometry, ligand conformation and hydrogen bonding. CrystEngComm, 2014, 16, 9010-9024.	1.3	18
21	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.	1.6	18
22	A new surfactantâ€“copper(<scp>ii</scp>) 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.	1.3	15
23	Electrochemically Driven and Acid-Driven Pyridine-Directed ortho-Phosphorylation of C(sp²)â€“H Bonds. Organometallics, 2020, 39, 2446-2454.	1.1	14
24	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.	1.7	13
25	Synthesis of Euchrestifoline Using Ironâ€•and Palladiumâ€Catalyzed Câ€“H Bond Activations. European Journal of Organic Chemistry, 2018, 2018, 4272-4276.	1.2	13
26	Synthesis and Activity against Mycobacterium tuberculosis of Olivacine and Oxygenated Derivatives. Molecules, 2018, 23, 1402.	1.7	12
27	Iron-Catalyzed Synthesis, Structure, and Photophysical Properties of Tetraarylnaphthidines. Molecules, 2020, 25, 1608.	1.7	12
28	Ironâ€Catalyzed Wackerâ€type Oxidation of Olefins at Room Temperature with 1,3â€Diketones or Neocuproine as Ligands**. Angewandte Chemie, 2021, 133, 14202-14209.	1.6	12
29	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.	1.6	11
30	Understanding Intermolecular Interactions in a Tetraceneâ€“F4TCNQ Cocrystal via Its Electron Density Distribution and Topology. Crystal Growth and Design, 2021, 21, 471-481.	1.4	11
31	Enhancing the reactivity of 1,2-diphospholes in cycloaddition reactions. Beilstein Journal of Organic Chemistry, 2015, 11, 169-173.	1.3	10
32	Triphenylphosphine in reactions with ï‰-haloalkylcarboxylic acids. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1637-1639.	0.8	10
33	First Total Synthesis of the Cytotoxic Carbazole Alkaloid Excavatineâ€A and Regioselective Annulation to Pyrano[2,3â€a]carbazoles and [1,4]Oxazepino[2,3,4â€jk]carbazoles. European Journal of Organic Chemistry, 2017, 2017, 3288-3300.	1.2	10
34	Electron Transfer and Unusual Chemical Transformations of F4â€TCNQ in a Reaction with Mnâ€Phthalocyanine. European Journal of Inorganic Chemistry, 2018, 2018, 3344-3353.	1.0	10
35	First coordination polymers on the bases of chiral thiophosphorylated thioureas. Inorganic Chemistry Communication, 2016, 66, 11-14.	1.8	9
36	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.	1.6	9

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37	First examples of the cocrystallization of diastereomers of chiral phosphorus compounds. Structural Chemistry, 2008, 19, 873-878.	1.0	8
38	Synthesis and crystal structure of some phosphite, thiophosphite, and amidophosphite copper(I) halide complexes. Heteroatom Chemistry, 2008, 19, 483-489.	0.4	8
39	Single Crystal Growth of the CeCu₂Si₂ Intermetallic Compound by a Vertical Floating Zone Method. Crystal Growth and Design, 2011, 11, 431-435.	1.4	8
40	Synthesis, structure, and biological activity of dicarboxylate phosphabetaines. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1633-1636.	0.8	8
41	New Charge Transfer Cocrystals of F₂TCNQ with Polycyclic Aromatic Hydrocarbons: Acceptorâ€“Acceptor Interactions and Their Contribution to Supramolecular Arrangement and Charge Transfer. Crystal Growth and Design, 2022, 22, 751-762.	1.4	8
42	Synthesis of Tetranuclear Palladium(II) Complexes and Their Catalytic Activity for Crossâ€Coupling Reactions. Chemistry - A European Journal, 2017, 23, 17576-17583.	1.7	7
43	Oneâ€Electron Reduction of Acenaphtheneâ€1,2â€Diimine Nickel(II) Complexes. Chemistry - an Asian Journal, 2019, 14, 2979-2987.	1.7	7
44	Sterically Hindered Phosphonium Salts: Structure, Properties and Palladium Nanoparticle Stabilization. Nanomaterials, 2020, 10, 2457.	1.9	7
45	Transformation of copper(I) thiophosphite complexes into copper(I) clusters bridged by diisopropyldisulfides and diethyldisulfides. Heteroatom Chemistry, 2006, 17, 542-546.	0.4	6
46	Charge-Transfer Complexes of Linear Acenes with a New Acceptor Perfluoroanthraquinone. The Interplay of Charge-Transfer and FÂ·Â·Â·F Interactions. Crystal Growth and Design, 2019, 19, 5123-5131.	1.4	6
47	Supramolecular architecture of diammonium ferrocene-1,1â€²-diyldi(methylphosphinate). Journal of Organometallic Chemistry, 2019, 904, 121004.	0.8	6
48	Co-Ligand Induced Chiral Recognition of N-Thiophosphorylated Thioureas in Crystalline Ni(II) Complexes. Crystal Growth and Design, 2019, 19, 4044-4056.	1.4	6
49	Electrochemical Properties and Structure of Multi-Ferrocenyl Phosphorus Thioesters. Molecules, 2020, 25, 939.	1.7	6
50	Stereoselective Synthesis of Î±-Aminophosphonic Acids Using the Betti Base as Chiral Auxiliary. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 712-717.	0.8	5
51	Chiral Thiophosphorylated Thioureas: Synthesis, Structure, and Cyclization Reaction. Heteroatom Chemistry, 2014, 25, 636-643.	0.4	5
52	First Total Synthesis of 7-Isovaleryloxy-8-methoxygirinimbine. Synthesis, 2018, 50, 2516-2522.	1.2	5
53	Diastereoselective Synthesis of Enantiopure Cyclic Î±-Aminophosphonic Acids. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 2647-2648.	0.8	4
54	The reaction of phosphorylation of trans-aconitic acid by tertiary phosphines. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 319-320.	0.8	4

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55	Synthesis, structure and electrochemical properties of 3,4,5-triaryl-1,2-diphosphaferrocenes. Inorganic Chemistry Frontiers, 2022, 9, 2608-2616.	3.0	4
56	Chiral Sâ€stannyl dithiophosphates and dithiophosphonates on the basis of monoterpenols. Applied Organometallic Chemistry, 2018, 32, e4320.	1.7	3
57	An unusual donorâ€“acceptor system Mn^{II}Pc-TCNQ/F₄-TCNQ and the properties of the mixed single crystals of metal phthalocyanines with organic acceptor molecules. Dalton Transactions, 2019, 48, 17252-17257.	1.6	3
58	Chirality Control in Crystalline Ni(II) Complexes of Thiophosphorylated Thioureas. Crystals, 2019, 9, 606.	1.0	3
59	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.	1.4	3
60	Zwitterionic form of Ugi amine H-phosphinic acid: Structure and electrochemical properties. Electrochemistry Communications, 2021, 126, 107019.	2.3	3
61	Competitive Hydrogen Bonding and Unprecedented Polymorphism in Selected Chiral Phosphorylated Thioureas. Crystal Growth and Design, 2021, 21, 5460-5471.	1.4	3
62	Synthesis of Polycyclic Hexacoordinated Phosphorus Derivatives from Salicylaldehyde Diimines. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 775-777.	0.8	2
63	Synthesis and membrane-transport properties of phosphorylated diamines, azapodands and their derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 560-564.	0.8	2
64	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.	1.4	2
65	Novel type of isoprenoid membrane anchors: an investigation of binding properties with dipalmitoylphosphatidylcholine vesicles. Journal of Physical Organic Chemistry, 2017, 30, e3618.	0.9	1
66	First Total Synthesis and Investigation of the X-ray Crystal Structure of the Pyrano[3,2-a]carbazole Alkaloid ClausenalansineÂA. Synthesis, 2021, 53, 359-364.	1.2	1
67	Supramolecular chirality in the crystals of mononuclear and polymeric cobalt(ii) complexes with enantiopure and racemic N-thiophosphorylated thioureas. CrystEngComm, 2021, 23, 2081-2090.	1.3	1
68	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.	0.8	0
69	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.	0.8	0
70	Synthesis and complexation of N,N-Bis(O-diethylhydroxyphosphorylmethyl)-N-butylamine. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 317-318.	0.8	0
71	The unusual reaction of alkylation of dicarboxylate phosphabetaines in alcohol media. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 580-584.	0.8	0