

# Guoxiong Hua

## List of Publications by Year in descending order

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52  
papers

928  
citations

394390

19  
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477281

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55  
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55  
docs citations

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times ranked

715  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation and Reactivity of Phosphorus–Selenium Rings. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1368-1377.	13.8	94
2	Synthesis of Primary Arylselenoamides by Reaction of Aryl Nitriles with Woollins' Reagent. <i>Organic Letters</i> , 2006, 8, 5251-5254.	4.6	53
3	Facile Synthesis and Structure of Novel 2,5-Disubstituted 1,3,4-Selenadiazoles. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1612-1618.	2.4	49
4	Synthesis and Structure of Eight-, Nine-, and Ten-Membered Rings with P–Se–P Linkages. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2857-2859.	13.8	42
5	Synthesis of novel 2,5-diarylselenophenes from selenation of 1,4-diarylbutane-1,4-diones or methanol/arylacetylenes. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1655.	2.8	42
6	Stereoselective synthesis of olefins by a reductive coupling reaction. <i>Dalton Transactions</i> , 2007, , 1477.	3.3	37
7	Novel heterocyclic selenazadiphospholaminediselenides, zwitterionic carbamidoyl(phenyl)-phosphinodiselenoic acids and selenoureas derived from cyanamides. <i>Tetrahedron</i> , 2009, 65, 6074-6082.	1.9	34
8	Morphological Evolution of PbSe Crystals via the CVD Route. <i>Chemistry of Materials</i> , 2010, 22, 4619-4624.	6.7	34
9	Synthesis and coordination chemistry of aminophosphine derivatives of adenine. <i>Dalton Transactions</i> , 2003, , 3250-3257.	3.3	33
10	Synthesis and X-ray structures of new phosphorus–selenium heterocycles with an E–P(Se)–E (E, E = N, O, S, Se, Te). <i>Tetrahedron Letters</i> , 2007, 38, 2811-2814.	2.8	30
11	Unexpected four- and eight-membered organo P–Se heterocycles. <i>Chemical Communications</i> , 2007, , 1465-1467.	4.1	27
12	Synthesis of Novel Vinylic P–Se Heterocycles from Selenation of Alkynes by [PhP(Se)( $\frac{1}{4}$ -Se)] <sub>2</sub> . <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 891-897.	2.0	27
13	Novel Five- to Ten-Membered Organoselenium Heterocycles from the Selenation of Aromatic Diols. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2607-2615.	2.4	27
14	<sup>77</sup> Se Solid-State NMR of Inorganic and Organoselenium Systems: A Combined Experimental and Computational Study. <i>Journal of Physical Chemistry C</i> , 2011, 115, 10859-10872.	3.1	25
15	Selenation/Thionation of $\alpha$ -Amino Acids: Formation and X-ray Structures of Diselenopiperazine and Dithiopiperazine and Related Compounds. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3067-3073.	2.4	25
16	Formation of new organoselenium heterocycles and ring reduction of 10-membered heterocycles into seven-membered heterocycles. <i>Polyhedron</i> , 2011, 30, 805-808.	2.2	24
17	Symmetrical spiro-phosphoroheterocycles from the selenation of carbohydrazides. <i>Tetrahedron Letters</i> , 2011, 52, 3311-3314.	1.4	24
18	Octaselenocyclododecane. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4123-4126.	13.8	23

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19	An efficient route for the synthesis of phosphorus-selenium macro-heterocycles. <i>Chemical Communications</i> , 2013, 49, 2619-2621.	4.1	22
20	[1,2,5]Selenadiazolo[3,4- <i>b</i> ]pyrazines: Synthesis from 3,4-Diamino-1,2,5-selenadiazole and Generation of Persistent Radical Anions. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5585-5593.	2.4	18
21	Syntheses and Coordination Chemistry of Aminomethylphosphine Derivatives of Adenine. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2426-2437.	2.0	16
22	2,4-Diaryl-1,3-Chalcogen Azoles Bearing Pentafluorosulfanyl SF <sub>5</sub> Groups: A Synthetic and Structural Study. <i>Journal of Organic Chemistry</i> , 2014, 79, 3876-3886.	3.2	16
23	Novel non-aqueous Fe(III)/Fe(II) redox couple for the catalytic oxidation of hydrogen sulfide to sulfur by air. <i>Dalton Transactions</i> , 2006, , 1147-1156.	3.3	14
24	Synthesis and Single Crystal Structures of Substituted-1,3-Selenazol-2-amines. <i>Molecules</i> , 2017, 22, 46.	3.8	12
25	One-Pot Approach to Organo-Phosphorus-Chalcogen Macrocycles Incorporating Double OP(S)SC <sub>n</sub> or OP(Se)SeC <sub>n</sub> Scaffolds: A Synthetic and Structural Study. <i>Chemistry - A European Journal</i> , 2016, 22, 7782-7791.	3.3	11
26	Organo Phosphorus-Selenium Heterocycles Derived from Haloalkanols and Alkenes. <i>Synlett</i> , 2012, 23, 2453-2458.	1.8	10
27	One-Pot Three-Component Condensation Synthesis and Structural Features of Organophosphorus-Sulfur Macrocycles. <i>Journal of Organic Chemistry</i> , 2016, 81, 4210-4225.	3.2	10
28	Single crystal X-ray structural features of aromatic compounds having a pentafluorosulfanyl (SF <sub>5</sub> ) functional group. <i>Structural Chemistry</i> , 2017, 28, 723-733.	2.0	8
29	Diverse Derivatives of Selenoureas: A Synthetic and Single Crystal Structural Study. <i>Molecules</i> , 2018, 23, 2143.	3.8	8
30	Novel Five- and Six-Membered Rings of Phosphorus-Selenium Heterocycles from Selenation of Amido-Schiff Bases. <i>ACS Omega</i> , 2020, 5, 11737-11744.	3.5	8
31	From phenylalkylcyanamides to heterocyclic selenazadiphospholaminediselenides and carbamidoyl(phenyl)phosphinodiselenoic acids. <i>Dalton Transactions</i> , 2008, , 5563.	3.3	7
32	A Synthetic and Structural Study of Arylselenoamides and 2,4-Diaryl-1,3- Selenazoles. <i>Synlett</i> , 2014, 25, 2189-2195.	1.8	7
33	Synthesis and Selenation of Tandem Multicomponent Condensation Adducts. <i>Synlett</i> , 2015, 26, 839-845.	1.8	7
34	Reactivity of Woollins' Reagent toward 2-Enaminoimines (Schiff Bases): A Facile Approach to Synthesize New Selenium-Phosphorus-Nitrogen Heterocycles. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4682-4689.	2.0	7
35	New insight into the chemistry of selenoureas: synthesis and single crystal structural study of diverse derivatives. <i>New Journal of Chemistry</i> , 2019, 43, 7035-7043.	2.8	7
36	Improvement of the Fe-NTA Sulfur Recovery System by the Addition of a Hydroxyl Radical Scavenger. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007, 182, 181-198.	1.6	6

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37	Ammonium Phenylphosphonamidodiselenoates and Phenylphosphonamidodi-selenoic Diamides from the Selenation of Primary and Secondary Amines. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1800-1806.	1.2	6
38	Small Organophosphorus-Selenium Heterocycles from the Selenation of Conjugated Ketones and Enals. <i>Synlett</i> , 2012, 23, 1170-1174.	1.8	5
39	Fluorinated Phosphorus-Selenium Heteroatom Compounds: Phenylphosphonofluorodiselenoic Salts, Adducts, and Esters. <i>Inorganic Chemistry</i> , 2013, 52, 8214-8217.	4.0	4
40	Novel Fluorinated Phosphorus-Sulfur Heteroatom Compounds: Synthesis and Characterization of Ferrocenyl- and Aryl-Phosphonofluorodithioic Salts, Adducts, and Esters. <i>Molecules</i> , 2015, 20, 12175-12197.	3.8	4
41	Synthesis and characterization of novel organic heteroatom compounds from reaction of Woollins' reagent with various organic substrates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 341-346.	1.6	4
42	1,5,6-Triphenyl-8-oxa-7-selena-6-phosphabicyclo[3.2.1]octane-6-selone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o184-o184.	0.2	4
43	Phosphorus-Sulfur Heterocycles Incorporating an O-P(S)-O or O-P(S)-S-S-P(S)-O Scaffold: One-Pot Synthesis and Crystal Structure Study. <i>Molecules</i> , 2017, 22, 1687.	3.8	3
44	Application of One-Pot Three-Component Condensation Reaction for the Synthesis of New Organophosphorus-Sulfur Macrocycles. <i>Synlett</i> , 2018, 29, 1496-1501.	1.8	3
45	Efficient Synthesis of 2,4-Bis(phenyl)-1,3-diselenadiphosphetane-2,4-diselenide (Woollins™ Reagent). <i>ACS Omega</i> , 2021, 6, 31226-31228.	3.5	3
46	1,2-Bis(2-bromobenzyl)diselane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2579-o2579.	0.2	2
47	Organophosphorus-Selenium Heteroatom Derivatives from Selenation of Primary/Secondary Amines and Haloalkanes/Dihaloalkanes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7402-7410.	2.4	2
48	Thionylimido Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1795-1798.	1.2	2
49	Synthesis and Single Crystal Structures of N-Substituted Benzamides and Their Chemoselective Selenation/Reduction Derivatives. <i>Molecules</i> , 2021, 26, 2367.	3.8	2
50	Synthesis and Structural Study of Novel Selenation Derivatives of N,N-Dialkylcyanamides. <i>ChemistrySelect</i> , 2016, 1, 6810-6817.	1.5	1
51	Organophosphorus-selenium/tellurium reagents: from synthesis to applications. <i>Physical Sciences Reviews</i> , 2019, 4, .	0.8	1
52	Organo Phosphorus-Sulfur-Nitrogen Heterocycles from Thionation of Schiff Bases. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021, 647, 239-244.	1.2	0