Francesca Marini

List of Publications by Citations

99 papers	2,417 citations	28 h-index	42 g-index
148 ext. papers	2,832 ext. citations	3.4 avg, IF	4.42 L-index

#	Paper	IF	Citations
99	Design and Synthesis of DiselenoBisBenzamides (DISeBAs) as Nucleocapsid Protein 7 (NCp7) Inhibitors with anti-HIV Activity. *Journal of Medicinal Chemistry*, **2015**, 58, 9601-14	8.3	124
98	Asymmetric azidoselenenylation of alkenes: a key step for the synthesis of enantiomerically enriched nitrogen-containing compounds. *Angewandte Chemie - International Edition*, **2003**, 42, 3131-3	16.4	106
97	Preparation of a new chiral non-racemic sulfur-containing diselenide and applications in asymmetric synthesis. *Chemistry - A European Journal*, **2002**, 8, 1118-24	4.8	88
96	Organocatalytic asymmetric alpha-selenenylation of aldehydes. *Angewandte Chemie - International Edition*, **2007**, 46, 6882-5	16.4	87
95	New nitrogen containing chiral diselenides: synthesis and asymmetric addition reactions to olefins. *Tetrahedron: Asymmetry*, **2000**, 11, 4645-4650		64
94	Selenium Catalyzed Oxidation of Aldehydes: Green Synthesis of Carboxylic Acids and Esters. *Molecules*, **2015**, 20, 10496-510	4.8	57
93	A New Stereoselective Synthesis of Cyclopropanes Containing Quaternary Stereocentres via Organocatalytic Michael Addition to Vinyl Selenones. *Advanced Synthesis and Catalysis*, **2009**, 351, 1801-1806	5.6	57
92	Asymmetric synthesis of □alkyl □selenocarbonyl compounds catalyzed by bifunctional organocatalysts. *Organic Letters*, **2011**, 13, 3052-5	6.2	51
91	Efficient asymmetric selenomethoxylation and selenohydroxylation of alkenes with a new sulfur containing chiral diselenide. *Tetrahedron Letters*, **2000**, 41, 3241-3245	2	49
90	A highly enantioselective one-pot synthesis of spirolactones by an organocatalyzed Michael addition/cyclization sequence. *Angewandte Chemie - International Edition*, **2011**, 50, 9382-5	16.4	47
89	Efficient asymmetric selenocyclizations of alkenyl oximes into cyclic nitrones and 1,2-oxazines promoted by sulfur containing diselenides. *Tetrahedron: Asymmetry*, **2001**, 12, 3297-3304		45
88	A new vinyl selenone-based domino approach to spirocyclopropyl oxindoles endowed with anti-HIV RT activity. *Organic and Biomolecular Chemistry*, **2016**, 14, 2015-24	3.9	44
87	Ring-closure reactions of alkenyl oximes induced by persulfate anion oxidation of diphenyl diselenide. Formation of 1,2-oxazines and cyclic nitrones. *Journal of the Chemical Society Perkin Transactions 1*, **1993**, 1989		42
86	Asymmetric selenomethoxylation of alkenes with camphorselenenyl sulfate. *Tetrahedron Letters*, **1998**, 39, 2809-2812	2	41
85	Asymmetric oxyselenenylation□deselenenylation reactions of alkenes induced by camphor diselenide and ammonium persulfate. A convenient one-pot synthesis of enantiomerically enriched allylic alcohols and ethers. *Tetrahedron: Asymmetry*, **1999**, 10, 747-757		41
84	Elimination reactions of terminal .beta.-oxy selenoxides. Synthesis of aryl and vinyl enol ethers and of furans, oxazoles, and thiazoles. *Journal of Organic Chemistry*, **1993**, 58, 1349-1354	4.2	40
83	Enantioselective Organocatalytic Michael Addition of □Substituted Cyanoacetates to □Unsaturated Selenones. *Advanced Synthesis and Catalysis*, **2009**, 351, 103-106	5.6	39

82	One-pot synthesis of aziridines from vinyl selenones and variously functionalized primary amines. *Tetrahedron*, **2010**, 66, 6851-6857	2.4	39
81	Ring-closure reactions through intramolecular displacement of the phenylselenonyl group by nitrogen nucleophiles: a new stereospecific synthesis of N-tosyl and N-benzoyl-1,3-oxazolidin-2-ones from beta-hydroxyalkyl phenyl selenides. *Chemistry - A European Journal*, **2004**, 10, 1752-64	4.8	38
80	Intramolecular Nonbonding Interactions between Selenium and Sulfur Spectroscopic Evidence and Importance in Asymmetric Synthesis. *European Journal of Organic Chemistry*, **2006**, 2006, 4867-4873	3.2	36
79	A chiral electrophilic selenium reagent to promote the kinetic resolution of racemic allylic alcohols. *Organic Letters*, **2004**, 6, 4751-3	6.2	36
78	A sulfur-containing diselenide as an efficient chiral reagent in asymmetric selenocyclization reactions. *Tetrahedron: Asymmetry*, **2001**, 12, 1493-1502		36
77	Synthesis of enantiomerically enriched hydroxy selenides by catalytic asymmetric ring opening of meso-epoxides with (phenylseleno)silanes. *Tetrahedron*, **2008**, 64, 3337-3342	2.4	35
76	Synthesis of Substituted Se-Phenyl Selenocarboxylates from Terminal Alkynes. *European Journal of Organic Chemistry*, **2004**, 2004, 3447-3458	3.2	35
75	Optically active isoxazolidines and 1,3-amino alcohols by asymmetric selenocyclization reactions of O-allyl oximes. *Tetrahedron: Asymmetry*, **2001**, 12, 3053-3059		35
74	Stereocontrolled synthesis of substituted N-arenesulfonyl azetidines from gamma-(phenylseleno)alkyl arylsulfonamides. *Organic and Biomolecular Chemistry*, **2007**, 5, 3510-9	3.9	32
73	Enantioselective synthesis of heterocyclic compounds mediated by organoselenium reagents. *Arkivoc*, **2006**, 2006, 186-206	0.9	32
72	Synthesis of enantiomerically pure 1,4-dioxanes from alkenes promoted by organoselenium reagents. *Tetrahedron: Asymmetry*, **2003**, 14, 1095-1102		29
71	Asymmetric synthesis of thioamido selenides. A simple synthetic route to enantiopure thiazolines. *Tetrahedron: Asymmetry*, **2002**, 13, 429-435		28
70	Asymmetric Amidoselenenylation of Alkenes Promoted by Camphorselenenyl Sulfate: A Useful Synthetic Route to Enantiopure Oxazolines. *European Journal of Organic Chemistry*, **2000**, 2000, 3451-3457	2.7	28
69	Electrophilic Azido Selenenylation of Alkenes. A Simple Synthetic Route to Racemic Taxol Side Chain. *Synthetic Communications*, **1998**, 28, 2167-2179	1.7	28
68	Selenium promoted synthesis of enantiopure pyrrolidines starting from chiral aminoalcohols. *Tetrahedron: Asymmetry*, **2007**, 18, 2758-2767		27
67	Synthesis of enantiomerically pure substituted tetrahydrofurans from epoxides and phenylselenium reagents. *Tetrahedron: Asymmetry*, **2004**, 15, 405-412		27
66	Selenium-Catalyzed Oxacyclization of Alkenoic Acids and Alkenols. *Asian Journal of Organic Chemistry*, **2017**, 6, 988-992	3	26
65	Organocatalytic Asymmetric Selenenylation of Aldehydes. *Angewandte Chemie*, **2007**, 119, 7006-7009	3.6	26

64	Oxidation of Diphenyl Diselenide with 2,3-Dichloro-5,6-dicyanobenzoquinone (DDQ). A New Method for the Electrophilic Phenylselenenylation of Alkenes under Mild Conditions. *Synlett*, **2001**, 2001, 1767-1771	2.2	26
63	Stereoselective organoselenium-induced cyclization of N-allyl acethydrazides to 1,3,4-oxadiazines or N-acetyl pyrazolidines. *Tetrahedron*, **1996**, 52, 11841-11848	2.4	26
62	N-hydroxy -lactams or cyclic N-hydroxy imidates from the organoselenium-induced cyclization of -unsaturated hydroxamic acids. *Journal of the Chemical Society Chemical Communications*, **1994**, 221-222		26
61	Vinyl selenones: annulation agents for the synthesis of six-membered benzo-1,4-heterocyclic compounds. *Tetrahedron*, **2013**, 69, 481-486	2.4	25
60	Organocatalytic Michael addition of indanone carboxylates to vinyl selenone for the asymmetric synthesis of polycyclic pyrrolidines. *Tetrahedron*, **2012**, 68, 10536-10541	2.4	25
59	Selenium-promoted synthesis of enantiomerically pure substituted morpholines starting from alkenes and chiral aminoalcohols. *Tetrahedron: Asymmetry*, **2003**, 14, 2651-2657		24
58	Synthesis of enantiomerically pure perhydrofuro[3,4-b]pyrans and perhydrofuro[3,4-b]furans. *Tetrahedron: Asymmetry*, **2004**, 15, 1949-1955		23
57	Asymmetric Azidoselenenylation of Alkenes: A Key Step for the Synthesis of Enantiomerically Enriched Nitrogen-Containing Compounds. *Angewandte Chemie*, **2003**, 115, 3239-3241	3.6	23
56	Advances in Electrophilic Organochalcogen Reagents. *Current Organic Chemistry*, **2015**, 20, 122-135	1.7	23
55	Selenium Promoted Conversion of -Substituted -Unsaturated Ketones into 2,3,5-Trisubstituted Furans. *Synlett*, **1994**, 1994, 373-374	2.2	22
54	Selenium-promoted conversion of .beta.-diketones and .beta.-keto esters into .alpha.,.alpha.-dimethoxy .beta.-diketones and .alpha.,.alpha.-dimethoxy .beta.-keto esters. *Journal of Organic Chemistry*, **1991**, 56, 5207-5210	4.2	21
53	Direct chromatographic enantioresolution of fully constrained -amino acids: exploring the use of high-molecular weight chiral selectors. *Amino Acids*, **2014**, 46, 1235-42	3.5	20
52	Intramolecular addition of carbon radicals to aldehydes: synthesis of enantiopure tetrahydrofuran-3-ols. *Tetrahedron*, **2007**, 63, 5482-5489	2.4	20
51	Synthesis of -lactams via a domino Michael addition/cyclization reaction of vinyl selenone with substituted amides. *Tetrahedron Letters*, **2013**, 54, 6755-6757	2	19
50	A Recyclable Biphasic System for Stereoselective and Easily Handled Hydrochalcogenations. *European Journal of Organic Chemistry*, **2014**, 2014, 5968-5975	3.2	18
49	Organocatalytic Asymmetric Synthesis and Use of Organoselenium Compounds. *Synlett*, **2012**, 24, 11-19	2.2	18
48	Synthesis of enantiomerically pure -azidoselenides starting from natural terpenes. *Tetrahedron*, **2007**, 63, 12373-12378	2.4	18
47	Organoselenium mediated asymmetric cyclizations. Synthesis of enantiomerically pure 1,6-dioxaspiro[4.4]nonanes. *Tetrahedron: Asymmetry*, **2006**, 17, 2768-2774		18

46	One-Pot Conversion of Alkenes into Oxazolines and Oxazolidin-2-Ones Promoted by Diphenyl Diselenide. *Synthetic Communications*, **1997**, 27, 4131-4140	1.7	17
45	1,4,2-Dioxazines or N-acyl isoxazolidines from organoselenium-induced cyclisation of O-allyl hydroxamic acids. *Journal of the Chemical Society Chemical Communications*, **1995**, 237		17
44	Phenylselenenyl sulfate induced cyclization of allylhydrazines. Synthesis of pyrazole derivatives. *Tetrahedron*, **1997**, 53, 4441-4446	2.4	16
43	Pyrrolidinamine, piperidinamine and tetrahydropyridazine derivatives from selenium promoted cyclization of alkenyl phenylhydrazones. *Tetrahedron*, **1997**, 53, 7311-7318	2.4	16
42	Factors controlling the selenium-induced cyclizations of alkenyl hydrazines to pyridazine or pyrrolidinamine derivatives. *Tetrahedron*, **1997**, 53, 10591-10602	2.4	16
41	Asymmetric Selenohydroxylation of Alkenes with Camphorselenenyl Sulfate. *European Journal of Organic Chemistry*, **1998**, 1998, 2275-2277	3.2	16
40	Asymmetric Syntheses Promoted by Organoselenium Reagents. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2005**, 180, 729-740	1	16
39	Electrophilic phenylselenenylation of thiophenes. Synthesis of poly(phenylseleno)thiophenes.. *Tetrahedron*, **1994**, 50, 10549-10554	2.4	16
38	A Highly Enantioselective One-Pot Synthesis of Spirolactones by an Organocatalyzed Michael Addition/Cyclization Sequence. *Angewandte Chemie*, **2011**, 123, 9554-9557	3.6	15
37	Short Synthesis of (R)- and (S)-4-Amino-3-Hydroxybutyric Acid (GABOB). *Synthesis*, **2005**, 2005, 579-582	2.9	14
36	Electrophilic 2-Thienylselenenylation of Thiophene. Preparation of Oligo(seleno-2,5-thienylenes). *Tetrahedron*, **2000**, 56, 3255-3260	2.4	14
35	Oxone-Mediated Oxidation of Vinyl Selenides in Water. *European Journal of Organic Chemistry*, **2018**, 2018, 3914-3919	3.2	13
34	Synthesis of enantiomerically pure perhydrofuro[2,3-b]furans. *Tetrahedron: Asymmetry*, **2005**, 16, 2429-2435		13
33	Conjugated Additions of Selenium Containing Enolates to Enones Enantioselective Synthesis of Oxo-Seleno Esters and Their Facile Transformations. *European Journal of Organic Chemistry*, **2005**, 2005, 543-551	3.2	13
32	A New Synthesis of Phenylseleno and Lactones from Terminal Alkynes. *Synlett*, **2003**, 2003, 0655-0658	2.2	12
31	Asymmetric aldol reactions from titanium enolates of seleno ketones and esters. *Tetrahedron: Asymmetry*, **2004**, 15, 783-791		12
30	Selenium Promoted Stereospecific One-Pot Conversion Of Cinnamyl Derivatives Into Oxazoleses. A Simple Synthetic Route To Racemic Taxol Side Chain. *Synthetic Communications*, **1999**, 29, 1773-1778	1.7	12
29	Electrostatic attraction-repulsion model with Cinchona alkaloid-based zwitterionic chiral stationary phases exemplified for zwitterionic analytes. *Analytica Chimica Acta*, **2019**, 1078, 212-220	6.6	10

28	Synthesis of □and □Lactones from Alkynols. *Synlett*, **2006**, 2006, 0587-0590	2.2	10
27	Sweet Selenium: Synthesis and Properties of Selenium-Containing Sugars and Derivatives. *Pharmaceuticals*, **2020**, 13,	5.2	10
26	Solvent-free, uncatalyzed asymmetric "ene" reactions of N-tert-butylsulfinyl-3,3,3-trifluoroacetaldimines: a general approach to enantiomerically pure □(trifluoromethyl)tryptamines. *Organic and Biomolecular Chemistry*, **2017**, 15, 3930-3937	3.9	9
25	Synthesis of Spirooxindole Oxetanes Through a Domino Reaction of 3-Hydroxyoxindoles and Phenyl Vinyl Selenone. *European Journal of Organic Chemistry*, **2019**, 2019, 5396-5401	3.2	9
24	Continuous Bioinspired Oxidation of Sulfides. *Molecules*, **2020**, 25,	4.8	9
23	□On-water□thiolysis of epoxides promoted by PhSZnBr. *Journal of Sulfur Chemistry*, **2013**, 34, 671-676	2.3	9
22	A simple synthesis of (R)-3-aminooctanoic acid (D-BAOA) from (S)-1-octyn-3-ol. *Tetrahedron Letters*, **2007**, 48, 4343-4345	2	9
21	A New Synthesis of □Phenylseleno Esters and Acids from Terminal Alkynes. *Synlett*, **2001**, 2001, 0706-0708	2.2	9
20	Seleno-Functionalization of Quercetin Improves the Non-Covalent Inhibition of M and Its Antiviral Activity in Cells against SARS-CoV-2. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	9
19	A domino approach to pyrazino- indoles and pyrroles using vinyl selenones. *Tetrahedron*, **2018**, 74, 7156-7163	2.4	9
18	Recent advances in the chemistry of vinylchalcogenides. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2016**, 191, 235-244	1	8
17	Synthesis of selenoxides by oxidation of selenides with superoxide radical anions and 2-nitrobenzenesulfonyl chloride. *Tetrahedron Letters*, **2005**, 46, 5165-5168	2	8
16	Fast and easy conversion of ortho amidoaryldiselenides into the corresponding ebselen-like derivatives driven by theoretical investigations. *New Journal of Chemistry*, **2020**, 44, 9444-9451	3.6	7
15	Synthesis of Selenium-Substituted Pyrroles and Pyrazol-3-ones. *Synlett*, **2009**, 2009, 1118-1122	2.2	7
14	Selenium Catalyzed Conversion of d-Phenyl-g-alkenyl Oximes into 2-Phenylpyridines. *Heterocycles*, **1996**, 43, 2679	0.8	6
13	Synthesis of Thiol Esters Using PhSZnBr as Sulfenylating Agent: A DFT-Guided Optimization of Reaction Conditions. *European Journal of Organic Chemistry*, **2016**, 2016, 2999-3005	3.2	6
12	Synthesis of oxazino[4,3-a]indoles by domino addition-cyclization reactions of (1H-indol-2-yl)methanols and vinyl selenones in the presence of 18-crown-6. *Tetrahedron*, **2016**, 72, 7059-7064	2.4	6
11	Zinc Chalcogenolates As Green Reagents. *Current Green Chemistry*, **2016**, 3, 68-75	1.3	5

10	Tellurium-promoted stereoselective hydrodebromination of 1,1-dibromoalkenes: synthesis of (E)-bromoalkenes. *RSC Advances*, **2016**, 6, 103657-103661	3.7	4
9	Kinetic Resolution of Allylic Alcohols Promoted by Electrophilic Selenium Reagents. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2005**, 180, 1071-1075	1	4
8	Reaction of Acyl Chlorides withIn SituFormed Zinc Selenolates: Synthesis of SelenoestersversusRing-Opening Reaction of Tetrahydrofuran. *Journal of Chemistry*, **2016**, 2016, 1-8	2.3	4
7	Glycerol as Precursor of Organoselanyl and Organotellanyl Alkynes. *Molecules*, **2017**, 22,	4.8	3
6	A three-component [3 + 2]-cycloaddition/elimination cascade for the synthesis of spirooxindole-pyrrolizines. *Organic and Biomolecular Chemistry*, **2021**, 19, 667-676	3.9	3
5	Modern Synthetic Strategies with Organoselenium Reagents: A Focus on Vinyl Selenones. *Molecules*, **2021**, 26,	4.8	2
4	Condensation of 2-aminomethylaniline with aldehydes and ketones for the fast one-pot synthesis of a library of 1,2,3,4-tetrahydroquinazolines under flow conditions. *Chemistry of Heterocyclic Compounds*, **2018**, 54, 478-481	1.4	1
3	A Chiral Electrophilic Selenium Reagent to Promote the Kinetic Resolution of Racemic Allylic Alcohols.. *ChemInform*, **2005**, 36, no		1
2	Synthesis of Pyrrolidinols by Radical Additions to Carbonyls Groups. *Proceedings (mdpi)*, **2019**, 41, 20	0.3	
1	Synthesis of organochalcogens: use of nonconventional solvents/reaction media **2022**, 147-192		