

# Francesca Marini

## 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.

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	Synthesis of organochalcogens: use of nonconventional solvents/reaction media <b>2022</b> , 147-192		
98	Modern Synthetic Strategies with Organoselenium Reagents: A Focus on Vinyl Selenones. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
97	Seleno-Functionalization of Quercetin Improves the Non-Covalent Inhibition of M and Its Antiviral Activity in Cells against SARS-CoV-2. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	9
96	A three-component [3 + 2]-cycloaddition/elimination cascade for the synthesis of spirooxindole-pyrrolizines. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 667-676	3.9	3
95	Fast and easy conversion of ortho amidoaryldiselenides into the corresponding ebselen-like derivatives driven by theoretical investigations. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 9444-9451	3.6	7
94	Continuous Bioinspired Oxidation of Sulfides. <i>Molecules</i> , <b>2020</b> , 25,	4.8	9
93	Sweet Selenium: Synthesis and Properties of Selenium-Containing Sugars and Derivatives. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	10
92	Electrostatic attraction-repulsion model with Cinchona alkaloid-based zwitterionic chiral stationary phases exemplified for zwitterionic analytes. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1078, 212-220	6.6	10
91	Synthesis of Spirooxindole Oxetanes Through a Domino Reaction of 3-Hydroxyoxindoles and Phenyl Vinyl Selenone. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 5396-5401	3.2	9
90	Synthesis of Pyrrolidinols by Radical Additions to Carbonyls Groups. <i>Proceedings (mdpi)</i> , <b>2019</b> , 41, 20	0.3	
89	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. <i>Chemistry of Heterocyclic Compounds</i> , <b>2018</b> , 54, 478-481	1.4	1
88	Oxone-Mediated Oxidation of Vinyl Selenides in Water. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 3914-3919	3.2	13
87	A domino approach to pyrazino- indoles and pyrroles using vinyl selenones. <i>Tetrahedron</i> , <b>2018</b> , 74, 7156-7163	7.163	9
86	Solvent-free, uncatalyzed asymmetric "ene" reactions of N-tert-butylsulfinyl-3,3,3-trifluoroacetaldimines: a general approach to enantiomerically pure $\alpha$ -(trifluoromethyl)tryptamines. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 3930-3937	3.9	9
85	Selenium-Catalyzed Oxacyclization of Alkenoic Acids and Alkenols. <i>Asian Journal of Organic Chemistry</i> , <b>2017</b> , 6, 988-992	3	26
84	Glycerol as Precursor of Organoselanyl and Organotellanyl Alkynes. <i>Molecules</i> , <b>2017</b> , 22,	4.8	3
83	Recent advances in the chemistry of vinylchalcogenides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2016</b> , 191, 235-244	1	8

82	Tellurium-promoted stereoselective hydrodebromination of 1,1-dibromoalkenes: synthesis of (E)-bromoalkenes. <i>RSC Advances</i> , <b>2016</b> , 6, 103657-103661	3.7	4
81	A new vinyl selenone-based domino approach to spirocyclopropyl oxindoles endowed with anti-HIV RT activity. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 2015-24	3.9	44
80	Zinc Chalcogenolates As Green Reagents. <i>Current Green Chemistry</i> , <b>2016</b> , 3, 68-75	1.3	5
79	Reaction of Acyl Chlorides with In Situ Formed Zinc Selenolates: Synthesis of Selenoesters versus Ring-Opening Reaction of Tetrahydrofuran. <i>Journal of Chemistry</i> , <b>2016</b> , 2016, 1-8	2.3	4
78	Synthesis of Thiol Esters Using PhSZnBr as Sulfenylating Agent: A DFT-Guided Optimization of Reaction Conditions. <i>European Journal of Organic Chemistry</i> , <b>2016</b> , 2016, 2999-3005	3.2	6
77	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. <i>Tetrahedron</i> , <b>2016</b> , 72, 7059-7064	2.4	6
76	Design and Synthesis of DiselenoBisBenzamides (DISEBAs) as Nucleocapsid Protein 7 (NCp7) Inhibitors with anti-HIV Activity. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 9601-14	8.3	124
75	Selenium Catalyzed Oxidation of Aldehydes: Green Synthesis of Carboxylic Acids and Esters. <i>Molecules</i> , <b>2015</b> , 20, 10496-510	4.8	57
74	Advances in Electrophilic Organochalcogen Reagents. <i>Current Organic Chemistry</i> , <b>2015</b> , 20, 122-135	1.7	23
73	Direct chromatographic enantioresolution of fully constrained amino acids: exploring the use of high-molecular weight chiral selectors. <i>Amino Acids</i> , <b>2014</b> , 46, 1235-42	3.5	20
72	A Recyclable Biphasic System for Stereoselective and Easily Handled Hydrochalcogenations. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 5968-5975	3.2	18
71	Vinyl selenones: annulation agents for the synthesis of six-membered benzo-1,4-heterocyclic compounds. <i>Tetrahedron</i> , <b>2013</b> , 69, 481-486	2.4	25
70	Synthesis of lactams via a domino Michael addition/cyclization reaction of vinyl selenone with substituted amides. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 6755-6757	2	19
69	On-water Thiolytic of epoxides promoted by PhSZnBr. <i>Journal of Sulfur Chemistry</i> , <b>2013</b> , 34, 671-676	2.3	9
68	Organocatalytic Michael addition of indanone carboxylates to vinyl selenone for the asymmetric synthesis of polycyclic pyrrolidines. <i>Tetrahedron</i> , <b>2012</b> , 68, 10536-10541	2.4	25
67	Organocatalytic Asymmetric Synthesis and Use of Organoselenium Compounds. <i>Synlett</i> , <b>2012</b> , 24, 11-19	2.2	18
66	A Highly Enantioselective One-Pot Synthesis of Spirolactones by an Organocatalyzed Michael Addition/Cyclization Sequence. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 9554-9557	3.6	15
65	A highly enantioselective one-pot synthesis of spirolactones by an organocatalyzed Michael addition/cyclization sequence. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 9382-5	16.4	47

64	Asymmetric synthesis of $\alpha$ -alkyl $\beta$ -selenocarbonyl compounds catalyzed by bifunctional organocatalysts. <i>Organic Letters</i> , <b>2011</b> , 13, 3052-5	6.2	51
63	One-pot synthesis of aziridines from vinyl selenones and variously functionalized primary amines. <i>Tetrahedron</i> , <b>2010</b> , 66, 6851-6857	2.4	39
62	Synthesis of Selenium-Substituted Pyrroles and Pyrazol-3-ones. <i>Synlett</i> , <b>2009</b> , 2009, 1118-1122	2.2	7
61	Enantioselective Organocatalytic Michael Addition of $\alpha$ -Substituted Cyanoacetates to $\beta$ -Unsaturated Selenones. <i>Advanced Synthesis and Catalysis</i> , <b>2009</b> , 351, 103-106	5.6	39
60	A New Stereoselective Synthesis of Cyclopropanes Containing Quaternary Stereocentres via Organocatalytic Michael Addition to Vinyl Selenones. <i>Advanced Synthesis and Catalysis</i> , <b>2009</b> , 351, 1801-1806	5.6	57
59	Synthesis of enantiomerically enriched $\beta$ -hydroxy selenides by catalytic asymmetric ring opening of meso-epoxides with (phenylseleno)silanes. <i>Tetrahedron</i> , <b>2008</b> , 64, 3337-3342	2.4	35
58	Stereocontrolled synthesis of substituted N-arenesulfonyl azetidines from gamma-(phenylseleno)alkyl arylsulfonamides. <i>Organic and Biomolecular Chemistry</i> , <b>2007</b> , 5, 3510-9	3.9	32
57	Organocatalytic asymmetric alpha-selenenylation of aldehydes. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 6882-5	16.4	87
56	Organocatalytic Asymmetric $\beta$ -Selenenylation of Aldehydes. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 7006-7009	3.6	26
55	Intramolecular addition of carbon radicals to aldehydes: synthesis of enantiopure tetrahydrofuran-3-ols. <i>Tetrahedron</i> , <b>2007</b> , 63, 5482-5489	2.4	20
54	Synthesis of enantiomerically pure $\beta$ -azidoselenides starting from natural terpenes. <i>Tetrahedron</i> , <b>2007</b> , 63, 12373-12378	2.4	18
53	Selenium promoted synthesis of enantiopure pyrrolidines starting from chiral aminoalcohols. <i>Tetrahedron: Asymmetry</i> , <b>2007</b> , 18, 2758-2767		27
52	A simple synthesis of (R)-3-aminooctanoic acid (D-BAOA) from (S)-1-octyn-3-ol. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 4343-4345	2	9
51	Intramolecular Nonbonding Interactions between Selenium and Sulfur $\beta$ -Spectroscopic Evidence and Importance in Asymmetric Synthesis. <i>European Journal of Organic Chemistry</i> , <b>2006</b> , 2006, 4867-4873 <sup>3,2</sup>		36
50	Synthesis of $\beta$ -and $\gamma$ -Lactones from Alkynols. <i>Synlett</i> , <b>2006</b> , 2006, 0587-0590	2.2	10
49	Organoselenium mediated asymmetric cyclizations. Synthesis of enantiomerically pure 1,6-dioxaspiro[4.4]nonanes. <i>Tetrahedron: Asymmetry</i> , <b>2006</b> , 17, 2768-2774		18
48	Enantioselective synthesis of heterocyclic compounds mediated by organoselenium reagents. <i>Arkivoc</i> , <b>2006</b> , 2006, 186-206	0.9	32
47	Synthesis of enantiomerically pure perhydrofuro[2,3-b]furans. <i>Tetrahedron: Asymmetry</i> , <b>2005</b> , 16, 2429-2435		13

46	Synthesis of selenoxides by oxidation of selenides with superoxide radical anions and 2-nitrobenzenesulfonyl chloride. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 5165-5168	2	8
45	Conjugated Additions of Selenium Containing Enolates to Enones [Enantioselective Synthesis of $\alpha$ -Oxo- $\beta$ -Seleno Esters and Their Facile Transformations. <i>European Journal of Organic Chemistry</i> , <b>2005</b> , 2005, 543-551	3.2	13
44	A Chiral Electrophilic Selenium Reagent to Promote the Kinetic Resolution of Racemic Allylic Alcohols.. <i>ChemInform</i> , <b>2005</b> , 36, no		1
43	Short Synthesis of (R)- and (S)-4-Amino-3-Hydroxybutyric Acid (GABOB). <i>Synthesis</i> , <b>2005</b> , 2005, 579-582	2.9	14
42	Kinetic Resolution of Allylic Alcohols Promoted by Electrophilic Selenium Reagents. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2005</b> , 180, 1071-1075	1	4
41	Asymmetric Syntheses Promoted by Organoselenium Reagents. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2005</b> , 180, 729-740	1	16
40	Synthesis of enantiomerically pure substituted tetrahydrofurans from epoxides and phenylselenium reagents. <i>Tetrahedron: Asymmetry</i> , <b>2004</b> , 15, 405-412		27
39	Asymmetric aldol reactions from titanium enolates of $\beta$ -seleno ketones and esters. <i>Tetrahedron: Asymmetry</i> , <b>2004</b> , 15, 783-791		12
38	Synthesis of Substituted Se-Phenyl Selenocarboxylates from Terminal Alkynes. <i>European Journal of Organic Chemistry</i> , <b>2004</b> , 2004, 3447-3458	3.2	35
37	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. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 1752-64	4.8	38
36	Synthesis of enantiomerically pure perhydrofuro[3,4-b]pyrans and perhydrofuro[3,4-b]furans. <i>Tetrahedron: Asymmetry</i> , <b>2004</b> , 15, 1949-1955		23
35	A chiral electrophilic selenium reagent to promote the kinetic resolution of racemic allylic alcohols. <i>Organic Letters</i> , <b>2004</b> , 6, 4751-3	6.2	36
34	A New Synthesis of $\beta$ -Phenylseleno $\beta$ - and $\gamma$ -Lactones from Terminal Alkynes. <i>Synlett</i> , <b>2003</b> , 2003, 0655-0658	2.2	12
33	Asymmetric Azidoselenenylation of Alkenes: A Key Step for the Synthesis of Enantiomerically Enriched Nitrogen-Containing Compounds. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 3239-3241	3.6	23
32	Asymmetric azidoselenenylation of alkenes: a key step for the synthesis of enantiomerically enriched nitrogen-containing compounds. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 3131-3	16.4	106
31	Synthesis of enantiomerically pure 1,4-dioxanes from alkenes promoted by organoselenium reagents. <i>Tetrahedron: Asymmetry</i> , <b>2003</b> , 14, 1095-1102		29
30	Selenium-promoted synthesis of enantiomerically pure substituted morpholines starting from alkenes and chiral aminoalcohols. <i>Tetrahedron: Asymmetry</i> , <b>2003</b> , 14, 2651-2657		24
29	Preparation of a new chiral non-racemic sulfur-containing diselenide and applications in asymmetric synthesis. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 1118-24	4.8	88

28	Asymmetric synthesis of thioamido selenides. A simple synthetic route to enantiopure thiazolines. <i>Tetrahedron: Asymmetry</i> , <b>2002</b> , 13, 429-435		28
27	A sulfur-containing diselenide as an efficient chiral reagent in asymmetric selenocyclization reactions. <i>Tetrahedron: Asymmetry</i> , <b>2001</b> , 12, 1493-1502		36
26	Optically active isoxazolidines and 1,3-amino alcohols by asymmetric selenocyclization reactions of O-allyl oximes. <i>Tetrahedron: Asymmetry</i> , <b>2001</b> , 12, 3053-3059		35
25	Efficient asymmetric selenocyclizations of alkenyl oximes into cyclic nitrones and 1,2-oxazines promoted by sulfur containing diselenides. <i>Tetrahedron: Asymmetry</i> , <b>2001</b> , 12, 3297-3304		45
24	Oxidation of Diphenyl Diselenide with 2,3-Dichloro-5,6-dicyanobenzoquinone (DDQ). A New Method for the Electrophilic Phenylselenenylation of Alkenes under Mild Conditions. <i>Synlett</i> , <b>2001</b> , 2001, 1767-1771	2.2	26
23	A New Synthesis of $\beta$ -Phenylseleno Esters and Acids from Terminal Alkynes. <i>Synlett</i> , <b>2001</b> , 2001, 0706-0708	2	9
22	Asymmetric Amidoselenenylation of Alkenes Promoted by Camphorselenenyl Sulfate: A Useful Synthetic Route to Enantiopure Oxazolines. <i>European Journal of Organic Chemistry</i> , <b>2000</b> , 2000, 3451-3457	3.2	28
21	Electrophilic 2-Thienylselenenylation of Thiophene. Preparation of Oligo(seleno-2,5-thienylenes). <i>Tetrahedron</i> , <b>2000</b> , 56, 3255-3260	2.4	14
20	Efficient asymmetric selenomethoxylation and selenohydroxylation of alkenes with a new sulfur containing chiral diselenide. <i>Tetrahedron Letters</i> , <b>2000</b> , 41, 3241-3245	2	49
19	New nitrogen containing chiral diselenides: synthesis and asymmetric addition reactions to olefins. <i>Tetrahedron: Asymmetry</i> , <b>2000</b> , 11, 4645-4650		64
18	Asymmetric oxyselenenylation and deselenenylation reactions of alkenes induced by camphor diselenide and ammonium persulfate. A convenient one-pot synthesis of enantiomerically enriched allylic alcohols and ethers. <i>Tetrahedron: Asymmetry</i> , <b>1999</b> , 10, 747-757		41
17	Selenium Promoted Stereospecific One-Pot Conversion Of Cinnamyl Derivatives Into Oxazoles. A Simple Synthetic Route To Racemic Taxol Side Chain. <i>Synthetic Communications</i> , <b>1999</b> , 29, 1773-1778	1.7	12
16	Asymmetric Selenohydroxylation of Alkenes with Camphorselenenyl Sulfate. <i>European Journal of Organic Chemistry</i> , <b>1998</b> , 1998, 2275-2277	3.2	16
15	Asymmetric selenomethoxylation of alkenes with camphorselenenyl sulfate. <i>Tetrahedron Letters</i> , <b>1998</b> , 39, 2809-2812	2	41
14	Electrophilic Azido Selenenylation of Alkenes. A Simple Synthetic Route to Racemic Taxol Side Chain. <i>Synthetic Communications</i> , <b>1998</b> , 28, 2167-2179	1.7	28
13	One-Pot Conversion of Alkenes into Oxazolines and Oxazolidin-2-Ones Promoted by Diphenyl Diselenide. <i>Synthetic Communications</i> , <b>1997</b> , 27, 4131-4140	1.7	17
12	Phenylselenenyl sulfate induced cyclization of allylhydrazines. Synthesis of pyrazole derivatives. <i>Tetrahedron</i> , <b>1997</b> , 53, 4441-4446	2.4	16
11	Pyrrolidinamine, piperidinamine and tetrahydropyridazine derivatives from selenium promoted cyclization of alkenyl phenylhydrazones. <i>Tetrahedron</i> , <b>1997</b> , 53, 7311-7318	2.4	16

10	Factors controlling the selenium-induced cyclizations of alkenyl hydrazines to pyridazine or pyrrolidinamine derivatives. <i>Tetrahedron</i> , <b>1997</b> , 53, 10591-10602	2.4	16
9	Stereoselective organoselenium-induced cyclization of N-allyl acethydrazides to 1,3,4-oxadiazines or N-acetyl pyrazolidines. <i>Tetrahedron</i> , <b>1996</b> , 52, 11841-11848	2.4	26
8	Selenium Catalyzed Conversion of d-Phenyl-g-alkenyl Oximes into 2-Phenylpyridines. <i>Heterocycles</i> , <b>1996</b> , 43, 2679	0.8	6
7	1,4,2-Dioxazines or N-acyl isoxazolidines from organoselenium-induced cyclisation of O-allyl hydroxamic acids. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1995</b> , 237		17
6	Selenium Promoted Conversion of $\beta$ -Substituted $\alpha$ -Unsaturated Ketones into 2,3,5-Trisubstituted Furans. <i>Synlett</i> , <b>1994</b> , 1994, 373-374	2.2	22
5	Electrophilic phenylselenenylation of thiophenes. Synthesis of poly(phenylseleno)thiophenes.. <i>Tetrahedron</i> , <b>1994</b> , 50, 10549-10554	2.4	16
4	N-hydroxy $\beta$ -lactams or cyclic N-hydroxy imidates from the organoselenium-induced cyclization of $\alpha$ -Unsaturated hydroxamic acids. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 221-222		26
3	Elimination reactions of terminal $\beta$ -oxy selenoxides. Synthesis of aryl and vinyl enol ethers and of furans, oxazoles, and thiazoles. <i>Journal of Organic Chemistry</i> , <b>1993</b> , 58, 1349-1354	4.2	40
2	Ring-closure reactions of alkenyl oximes induced by persulfate anion oxidation of diphenyl diselenide. Formation of 1,2-oxazines and cyclic nitrones. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1993</b> , 1989		42
1	Selenium-promoted conversion of $\beta$ -diketones and $\beta$ -keto esters into $\alpha,\alpha$ -dimethoxy $\beta$ -diketones and $\alpha,\alpha$ -dimethoxy $\beta$ -keto esters. <i>Journal of Organic Chemistry</i> , <b>1991</b> , 56, 5207-5210	4.2	21