

Publication list

Citation metrics					
Database	Sum of citations	h-index	Papers with >100 citations	Papers with >10 citations	Author-ID
Google Scholar	7061	43	20	60	Profile
Scopus	5517	40	15	48	56423843800
Web of Science	5041	38	15	49	A-9577-2009

Impact factors (IF) and citation data from Google Scholar and Scopus (the latter in parenthesis) are given below; updated March 11, 2023. A full publication list can also be found on my [website](#).

Most cited articles (*(NB: all from my time as PI)*)

Reviews

1. Eleanor A. Merritt and **Berit Olofsson***
Diaryliodonium salts – from Obscurity to Fame
Angew. Chem. Int. Ed. **2009**, 48, 9052-9070. [Link](#) IF 11.7
1008 (852) citations
2. Luiz F. Silva, Jr.* and **Berit Olofsson**
Hypervalent Iodine Reagents in the Total Synthesis of Natural Products
Nat. Prod. Rep. **2011**, 28, 1722-1754. [Link](#) IF 11.9
300 (259) citations
3. Eleanor A. Merritt and **Berit Olofsson***
 α -Functionalization of Carbonyl Compounds using Hypervalent Iodine Reagents
Synthesis **2011**, 517-538. [Link](#) IF 2.9
170 (257) citations

Original Articles

1. Marcin Bielawski, Mingzhao Zhu and **Berit Olofsson***
Efficient and General One-Pot Synthesis of Diaryliodonium Triflates: Scope and Limitations
Adv. Synth. Catal. **2007**, 349, 2610-2618. [Link](#) IF 5.9
379 (254) citations
2. Marcin Bielawski, David Aili and **Berit Olofsson***
Regiospecific One-Pot Synthesis of Diaryliodonium Tetrafluoroborates from Arylboronic Acids and Aryl Iodides
J. Org. Chem. **2008**, 73, 4602-4607. [Link](#) IF 4.8
285 (186) citations
3. Arylation with Unsymmetrical Diaryliodonium Salts – a Chemoselectivity Study
Joel Malmgren, Stefano Santoro, Nazli Jalalian, Fahmi Himo,* **Berit Olofsson*** IF 5.8
Chem. Eur. J. **2013**, 19, 10334-10342. [Link](#) 235 (187) citations

All publications are listed in the following pages, divided in

1. Original articles
2. Review articles
3. Book chapters, edited books & monographs
4. Popular science articles and presentations

Original articles

62. Synthesis of Complex Diarylamines through a Ring-Opening Difunctionalization Strategy
Erika Linde and **Berit Olofsson***
Angew. Chem. Int. Ed. **2023**, 62, e202310921. [Link](#) (open access) **IF 16.8**
Angew. Chem. **2023**, 135, e202310921. [Link](#) (open access) 0 (0)
ChemRxiv **2023** (preliminary version). [Link](#) (open access)
61. Advancements in the synthesis of diaryliodonium salts: updated protocols
Erika Linde, Shobhan Mondal and **Berit Olofsson*** **IF 6.0**
Adv. Synth. Catal. **2023**, 365, 2751-2756 [Link](#) (open access) 0 (0)
Selected as VIP paper!
Invited paper to [Special Issue](#) on Iodine in Catalysis and organic synthesis
ChemRxiv **2023** (preliminary version). [Link](#) (open access)
60. *Ortho*-Functionalization of Azobenzenes via Hypervalent Iodine Reagents
Ester Maria Di Tommaso, Melanie Walther, Anne Staubitz,* and **Berit Olofsson***
Chem. Commun. **2023**, 59, 5047-5050. [Link](#) (open access) **IF 6.1**
Selected as [HOT articles 2023](#) in *Chem. Commun.*! 0 (0)
ChemRxiv **2023** (preliminary version) [Link](#) (open access)
59. Stereospecific Photoredox-Catalyzed Vinylations to Functionalized Alkenes and C-Glycosides
Kumar Bhaskar Pal, Ester Maria Di Tommaso, A. Ken Inge, and **Berit Olofsson*** **IF 16.8**
Angew. Chem. Int. Ed. **2023**, 62, e202301368. [Link](#) (open access) 3 (1)
Angew. Chem. **2023**, 135, e202301368.
Also featured in [Hot Topic: Photocatalysis](#) in *ChemPhotoChem*!
ChemRxiv **2023** (preliminary version) [Link](#) (open access)
58. Transition Metal-Free Difunctionalization of Sulfur Nucleophiles
Shobhan Mondal, Ester Maria Di Tommaso and **Berit Olofsson*** **IF 16.8**
Angew. Chem. Int. Ed. **2023**, 62, e202216296. [Link](#) (open access) 9 (9)
Angew. Chem. **2023**, 135, e202216296. [Link](#) (open access)
ChemRxiv **2022** (preliminary version) [Link](#) (open access)
57. Synthesis of Cyclic and Acyclic *ortho*-Aryloxy Diaryliodonium Salts for Chemoselective Functionalizations **IF 5.0**
Erika Linde, Niels Knippenberg and **Berit Olofsson*** 4 (3)
Chem. Eur. J. **2022**, 28, e202202453. [Link](#) (open access)
Invited paper to [Conference collection](#) for EuChemS Congress (ECC8).
56. A One-Pot Cascade Protocol for Diarylation of Amines and Water
Erika Linde and **Berit Olofsson*** **IF -**
STAR Protocols, **2022**, 3, 101700. [Link](#) (open access) 1 (1)
Invited paper based on the methodology presented in our *Chem* paper.
55. Explaining Regio-Divergent Vinylations with Vinylbenziodoxolones
Ester Maria Di Tommaso, Per-Ola Norrby and **Berit Olofsson*** **IF 16.8**
Angew. Chem. Int. Ed. **2022**, 61, e202206347. [Link](#) (open access) 7 (3)
Angew. Chem. **2022**, 134, e202206347. [Link](#) (open access)
ChemRxiv **2022**, (preliminary version): [Link](#) (open access)
Collaboration with Norrby.

54. Diarylation of N- and O-nucleophiles through a metal-free cascade reaction
Erika Linde, David Bulfield, Gabriella Kervefors, Nibadita Purkait and **Berit Olofsson*** **IF 25.8**
Chem **2022**, 8, 850-865. [Link](#) (open access) **26 (21)**
ChemRxiv **2021** (preliminary version): [Link](#) (open access)
Read [Erika's profile](#) and Michael Greaney's [preview](#) of our paper in *Chem*!
53. Transition Metal-Free *N*-Arylation of Amino Acid Esters
Gabriella Kervefors, Leonard Kersting and **Berit Olofsson*** **IF 4.9**
Chem. Eur. J. **2021**, 27, 5790-5795. [Link](#) (open access) **16 (10)**
Awarded as Top Downloaded Article in 2021!
52. Synthesis and Biological Studies of O-Aryl Galactosides as Galectin Inhibitors
Gabriella Kervefors, Kumar Bhaskar Pal; Gergely L. Tolnai, Mukul Mahanti, Hakon Leffler, Ulf J. Nilsson* and **Berit Olofsson*** **IF 2.3**
Helv. Chim. Acta **2021**, 104, e2000220 [Link](#) (open access) **2 (1)**
In invited issue for Prof. Antonio Togni's 65th birthday
Collaboration with Nilsson, work shared between our labs.
51. Transition Metal-Free and Regioselective Vinylation of Phosphine Oxides and *H*-Phosphinates with VBX reagents
Laura Castoldi, Adam A. Rajkiewicz and **Berit Olofsson*** **IF 6.0**
Chem. Commun. **2020**, 56, 14389-14392. [Link](#) (open access) **18 (13)**
50. Electrophilic Vinylation of Thiols under Mild and Transition Metal-Free Conditions
Laura Castoldi, Ester Maria Di Tommaso, Marcus Reitti, Barbara Gräfen and **Berit Olofsson*** **IF 15.3**
Angew. Chem. Int. Ed. **2020**, 59, 15512-15516. [Link](#) (open access) **28 (22)**
Angew. Chem. **2020**, 132, 15642-15646. [Link](#) (open access)
In invited issue for the Editorial & Advisory Board
49. Sustainable Asymmetric Organolithium Chemistry: Enantio- and Chemoselective Acylations through Recycling of Solvent, Sparteine and Weinreb Amines
Serena Monticelli, Wolfgang Holzer, Thierry Langer, Alexander Roller, **Berit Olofsson*** and Vittorio Pace* **IF 8.0**
ChemSusChem. **2019**, 12, 1147-1154. [Link](#) (open access) **22 (18)**
Cover page: *ChemSusChem.* **2019**, 12, 1113. [Link](#) (open access)
48. Regiospecific *N*-Arylation of Aliphatic Amines under Mild and Metal-Free Reaction Conditions
Nibadita Purkait, Gabriella Kervefors, Erika Linde and **Berit Olofsson*** **IF 12.3**
Angew. Chem. Int. Ed. **2018**, 57, 11427-11431. [Link](#) (open access) **66 (50)**
Angew. Chem. **2018**, 130, 11597-11601. [Link](#) (open access)
47. Transition Metal-Free, Chemoselective Arylation of Thioamides Yielding Aryl Thioimides or *N*-Aryl Thioamides
Piret Villo, Gabriella Kervefors and **Berit Olofsson*** **IF 6.0**
Chem. Commun. **2018**, 54, 8810-8813. [Link](#) (open access) **44 (32)**
Cover page: *Chem. Commun.* **2018**, 54, 8788. [Link](#)
46. Metal-Free Formal Synthesis of Phenoxazine
Gabriella Kervefors, Antonia Becker, Chandan Dey and **Berit Olofsson*** **IF 2.6**
Beilstein J. Org. Chem. **2018**, 14, 1491-1497. [Link](#) (open access) **11 (8)**
Invited paper for a special issue: [Hypervalent iodine chemistry.](#)

45. Synthesis of Phenols and Aryl Silyl Ethers via Arylation of Complimentary Hydroxide Surrogates
 Marcus Reitti, Ramani Gurubrahman, Melanie Walther, Erik Lindstedt and **Berit Olofsson***
Org. Lett. **2018**, 20, 1785-1788. [Link](#)
 IF 6.6
 21 (18)
44. One-Pot Synthesis of Unsymmetric Diaryliodonium Salts from Iodine and Arenes
 Erik Lindstedt, Marcus Reitti and **Berit Olofsson***
J. Org. Chem. **2017**, 82, 11909-11914. [Link](#)
 IF 4.8
 59 (42)
 Invited paper for a special issue: [Hypervalent iodine chemistry](#).
43. Competing Pathways in *O*-Arylations with Diaryliodonium Salts - Mechanistic Insights
 Elin Stridfeldt, Erik Lindstedt, Marcus Reitti, Jan Blid, Per-Ola Norrby and **Berit Olofsson***
 IF 5.3
 69 (49)
 "[Hot Paper](#)" in *Chem. Eur. J.* **2017**, 23, 13249-13258. [Link](#) (open access)
 Among the top 10 most accessed papers in September 2017!
Norrby supervised the calculations in our project.
42. Synthesis, Characterization and Unusual Reactivity of Vinylbenziodoxolones - Novel Hypervalent Iodine Reagents
 Elin Stridfeldt, Alexandra Seemann, Marinus J. Bouma, Chandan Dey, Anne Ertan and **Berit Olofsson***
 IF 5.8
 78 (49)
 "[Hot Paper](#)" in *Chem. Eur. J.* **2016**, 22, 16066-16070. [Link](#)
41. Mild Synthesis of Sterically Congested Alkyl Aryl Ethers
 Erik Lindstedt, Elin Stridfeldt and **Berit Olofsson***
 IF 6.6
 65 (52)
Org. Lett. **2016**, 18, 4234-4237. [Link](#) (open access)
 Highlighted in [Organic Synthesis Highlights](#) and [Organic Chemistry Portal](#).
40. Efficient *O*-Functionalization of Carbohydrates with Electrophilic Reagents
 Gergely L. Tolnai, Ulf J. Nilsson and **Berit Olofsson***
 IF 12.0
 85 (71)
Angew. Chem. Int. Ed. **2016**, 55, 11226-11230. [Link](#) (open access)
Angew. Chem. **2016**, 128, 11392-11396. [Link](#) (open access)
Collaboration with Nilsson, the project was supervised by me.
39. One-Pot C-H Functionalization of Arenes by Diaryliodonium Salts
 Marcus Reitti, Piret Villo and **Berit Olofsson***
 IF 12.0
 84 (67)
Angew. Chem. Int. Ed. **2016**, 55, 8928-8932. [Link](#) (open access)
Angew. Chem. **2016**, 128, 9074-9078. [Link](#) (open access)
Among the 10 most accessed papers in ACIE in June!
 Highlighted in [Organic Process Research & Development](#) in August 2016.
38. Metal-Free C-Arylation of Nitro Compounds with Diaryliodonium Salts
 Chandan Dey, Erik Lindstedt and **Berit Olofsson***
 IF 6.6
 60 (49)
Org. Lett. **2015**, 17, 4554-4557. [Link](#)
 Highlighted in [Organic Chemistry Portal](#).
37. Synthesis of New Chiral Diaryliodonium Salts
 Michael Brown, Marion Delorme, Florence Malmedy, Joel Malmgren, **Berit Olofsson**, Thomas Wirth*
 IF 2.3
 23 (20)
Synlett **2015**, 26, 1573-1577. [Link](#) (open access)
RSC-collaboration with PhD student exchanges, this chemistry was performed in Cardiff.

36. Metal-Free *N*-Arylation of Secondary Amides at Room Temperature
Fredrik Tinnis, Elin Stridfeldt, Helena Lundberg, Hans Adolfsson* and **Berit Olofsson*** IF 6.6
Org. Lett. **2015**, 17, 2688-2691. [Link](#) 125 (103)
Highlighted in [Organic Chemistry Portal](#).
Collaboration with Adolfsson, the project was supervised by me.
35. C-2 Selective Arylation of Indoles with Heterogeneous Nanopalladium and Diaryliodonium Salts
Joel Malmgren, Anuja Nagendiran, Cheuk-Wai Tai, Jan-E. Bäckvall,* **Berit Olofsson*** IF 5.8
Chem. Eur. J. **2014**, 20, 13531-13535. [Link](#) (open access) 75 (62)
Highlighted in [Synfacts](#) 2015.
Collaboration with Bäckvall, the project was supervised by me.
34. Metal-Free One-Pot Synthesis of Benzofurans
Raju Ghosh, Elin Stridfeldt and **Berit Olofsson*** IF 5.8
Chem. Eur. J. **2014**, 20, 8888-8892. [Link](#) 81 (69)
33. Room Temperature, Metal-Free Arylation of Aliphatic Alcohols
Raju Ghosh, Erik Lindstedt, Nazli Jalalian and **Berit Olofsson*** IF 3.6
ChemistryOpen **2014**, 3, 54-57. [Link](#) (open access) 68 (54)
One of the [most accessed papers](#) from ChemPubSoc Europe, ACES and GDCh in Oct-14
32. Metal-Free Synthesis of *N*-Aryloxyimides and Aryloxyamines
Raju Ghosh and **Berit Olofsson*** IF 6.7
Org. Lett. **2014**, 16, 1830-1832. [Link](#) 92 (79)
Highlighted in [Organic Chemistry Portal](#).
31. One-Pot Synthesis and Applications of *N*-Heteroaryl Iodonium Salts
Marcin Bielawski, Joel Malmgren, Leticia Pardo, Ylva Wikmark and **Berit Olofsson*** IF 3.6
ChemistryOpen **2014**, 3, 19-22. [Link](#) (open access) 61 (52)
30. Metal-Free Synthesis of Aryl Ethers in Water
Erik Lindstedt, Raju Ghosh and **Berit Olofsson*** IF 6.7
Org. Lett. **2013**, 15, 6070-6073. [Link](#) 129 (101)
Highlighted in [Organic Chemistry Portal](#).
29. Oxidative Rearrangement of Alkenes using *In Situ* Generated Iodine(III) Reagents
Anees Ahmad, Paulo Scarassati, Nazli Jalalian, **Berit Olofsson**, Luiz F. Silva* IF 2.3
Tetrahedron Lett. **2013**, 54, 5818-5820. [Link](#) 42 (32)
STINT-collaboration with exchanges of PhD students, chemistry performed in Brazil.
28. Immunogenic and antioxidant effects of a pathogen-associated prenyl pyrophosphate in *Anopheles gambiae*
Bo Lindberg, Eleanor A. Merritt, Melanie Rayl, Chenxiao Liu, Ingela Parmryd, **Berit Olofsson** and Ingrid Faye* IF 2.8
PLOS ONE **2013**, 8, e73868. [Link](#) (open access) 13 (11)
Collaboration with biologists, we synthesized the compounds they needed.
27. Arylation with Unsymmetrical Diaryliodonium Salts – a Chemoselectivity Study
Joel Malmgren, Stefano Santoro, Nazli Jalalian, Fahmi Himo* and **Berit Olofsson*** IF 5.8
Chem. Eur. J. **2013**, 19, 10334-10342. [Link](#) (open access) 253 (199)
Collaboration with Himo for the calculations on our project.

26. Synthesis of Koser's Reagent & Derivatives
Nazli Jalalian and **Berit Olofsson***
Org. Synth. **2013**, 90, 1-9. [PDF](#) (open access) IF -
18 98)
25. General One-Pot Synthesis of Alkynyliodonium Salts and Alkynyl Benziodoxolones
from Aryl Iodides
Marinus J. Bouma and **Berit Olofsson*** IF 5.8
Chem. Eur. J. **2012**, 18, 14242-14245. [Link](#) 80 (50)
24. Metal-Free Arylation of Oxygen Nucleophiles with Diaryliodonium Salts
Nazli Jalalian, Tue B. Petersen and **Berit Olofsson*** IF 5.8
Chem. Eur. J. **2012**, 18, 14140-14149. [Link](#) 178 (150)
23. Metal-Free Synthesis of Aryl Esters from Carboxylic Acids and Diaryliodonium Salts
Tue B. Petersen, Rehan Khan and **Berit Olofsson*** IF 6.7
Org. Lett. **2011**, 13, 3462-3465. [Link](#) 170 (139)
Highlighted in [Organic Chemistry Highlights](#) (Organic Chemistry Portal).
22. Metal-Free Synthesis of Indanes by Iodine(III)-Mediated Ring Contraction of 1,2-
Dihydronaphthalenes
Fernanda A. Siqueira, Eloisa E. Ishikawa, André Fogaca, Andréa T. Faccio, Vânia M. T.
Carneiro, Rafael R. S. Soares, Aline Utaka, Iris R. M. Tébéka, Marcin Bielawski, **Berit**
Olofsson and Luiz F. Silva, Jr.* IF 1.1
J. Braz. Chem. Soc. **2011**, 22, 1795-1807. [Link](#) (open access) 34 (22)
STINT-collaboration with exchanges of PhD students, chemistry performed in Brazil.
21. Synthesis of a Range of Iodine(III) Compounds Directly from Iodoarenes
Eleanor A. Merritt* and **Berit Olofsson*** IF 3.1
Eur. J. Org. Chem. **2011**, 3690-3694. [Link](#) 31 (44)
Invited paper for a special issue:
20. Room Temperature, Metal-Free Synthesis of Diaryl Ethers with Use of Diaryliodonium
Salts
Nazli Jalalian, Eloisa E. Ishikawa, Luiz F. Silva Jr. and **Berit Olofsson*** IF 6.7
Org. Lett. **2011**, 13, 1552-1555. [Link](#) 219 (166)
Highlighted in [Organic Chemistry Portal](#).
STINT-collaboration with exchanges of PhD students, chemistry performed at SU.
19. Facile Synthesis of Koser's Reagent & Derivatives from Iodine or Aryl Iodides
Eleanor A. Merritt, Vania M. T. Carneiro, Luiz F. Silva Jr. and **Berit Olofsson*** IF 4.8
J. Org. Chem. **2010**, 75, 7416-7419. [Link](#) 132 (80)
Highlighted in [Organic Chemistry Portal](#).
STINT-collaboration with exchanges of PhD students, chemistry performed at SU.
18. Design and Asymmetric Synthesis of Chiral Diaryliodonium Salts
Nazli Jalalian and **Berit Olofsson*** IF 2.6
Tetrahedron **2010**, 66, 5793-5800. [Link](#) 58 (34)
17. α -Arylation by Rearrangement: On the Reaction of Enolates with Diaryliodonium Salts
Per-Ola Norrby,* Tue B. Petersen, Marcin Bielawski and **Berit Olofsson*** IF 5.8
Chem. Eur. J. **2010**, 16, 8251-8254. [Link](#) 140 (112)
Collaboration with Norrby for the calculations on our project.

16. Synthesis of Diaryliodonium Triflates using Environmentally Benign Oxidizing Agents
Eleanor A. Merritt, Joel Malmgren, Felix J. Klinke and **Berit Olofsson*** IF 2.3
Synlett **2009**, 2277-2280. [Link](#) 31 (34)
 15. Efficient One-pot Synthesis of Bis(4-*tert*-Butylphenyl)Iodonium Triflate
Marcin Bielawski and **Berit Olofsson*** 64 (48)
Org. Synth. **2009**, 86, 308-314. [PDF](#) ([open access](#))
 14. Regiospecific One-Pot Synthesis of Diaryliodonium Tetrafluoroborates from Arylboronic Acids and Aryl Iodides
Marcin Bielawski, David Aili and **Berit Olofsson*** IF 4.8
J. Org. Chem. **2008**, 73, 4602-4607. [Link](#) 299 (194)
Highlighted in [Organic Chemistry Portal](#).
 13. One-Pot Synthesis of Diaryliodonium Salts using Toluenesulphonic Acid: A Fast Entry to Electron-Rich Diaryliodonium Tosylates and Triflates
Mingzhao Zhu, Nazli Jalalian and **Berit Olofsson*** IF 2.3
Synlett, **2008**, 592-596. [Link](#) 140 (123)
Highlighted in [Organic Chemistry Portal](#).
 12. Efficient and General One-Pot Synthesis of Diaryliodonium Triflates: Scope and Limitations
Marcin Bielawski, Mingzhao Zhu and **Berit Olofsson*** IF 6.5
Adv. Synth. Catal. **2007**, 349, 2610-2618. [Link](#) 397 (264)
 11. High-Yielding One-Pot Synthesis of Diaryliodonium Triflates from Arenes and Iodine or Aryl Iodides
Marcin Bielawski and **Berit Olofsson*** IF 6.6
Chem. Commun. **2007**, 2521-2523. [Link](#) 159 (183)
- From post doctoral period**
10. Divergent Asymmetric Synthesis of 3,5-Disubstituted Piperidines
Berit Olofsson, Krisztián Bogár, Ann-Britt L. Fransson and Jan-E. Bäckvall* IF 4.8
J. Org. Chem. **2006**, 71, 8256-8260. [Link](#) 28 (23)
 9. Efficient Synthesis of 2-Substituted Imidazoles by Palladium-Catalyzed Cross-Coupling with Benzylzinc Reagents
Josefin E. Utas, **Berit Olofsson** and Björn Åkermærk* IF 2.3
Synlett **2006**, 1965-1967. [Link](#) 5 (8)
 8. Enantioselective α -Arylation of Cyclohexanones with Diaryl Iodonium Salts: Application to the Synthesis of (–)-Epibatidine
Varinder K. Aggarwal* and **Berit Olofsson** IF 13.0
Angew. Chem. Int. Ed. **2005**, 44, 5516-5519. [Link](#) 179 (134)
Angew. Chem. **2005**, 117, 5652-5655. [Link](#) Highlighted in [Synfacts](#).
- From PhD student period**
7. Divergent Synthesis of D-*erythro*-Sphingosine, L-*threo*-Sphingosine and their Regioisomers
Berit Olofsson and Peter Somfai* IF 4.8
J. Org. Chem. **2003**, 68, 2514-2517. [Link](#) 69 (55)

6. Determination of the Relative Configuration of *vic*-Amino Alcohols
Berit Olofsson and Peter Somfai*
Tetrahedron Lett. **2003**, 44, 1279-1281. [Link](#)
IF 2.3
9 (6)
5. A Regio- and Stereodivergent Route to all Isomers of *vic*-Amino Alcohols
Berit Olofsson and Peter Somfai*
J. Org. Chem. **2002**, 67, 8574-8583. [Link](#)
IF 4.8
93 (77)
4. Synthesis of *N*-H Vinylaziridines: A Comparative Study
Berit Olofsson, Roel Wijtmans and Peter Somfai*
Tetrahedron **2002**, 58, 5979-5982. [Link](#)
Highlighted in [Organic Chemistry Portal](#).
IF 2.6
58 (40)
3. A Regio- and Stereodivergent Route to all Isomers of *vic*-Amino Alcohols
Berit Olofsson and Peter Somfai*
Latvian J. Chem. **2002**, 1, 69-78. [Link](#)
-
2. A Regio- and Stereodivergent Synthesis of *vic*-Amino Alcohols
Berit Olofsson, Uttam Khamrai and Peter Somfai*
Org. Lett. **2000**, 2, 4087-4089. [Link](#)
IF 6.7
61 (44)
1. Microwave-Assisted Aminolysis of Vinylepoxides
Ulf M. Lindström, **Berit Olofsson** and Peter Somfai*
Tetrahedron Lett. **1999**, 40, 9273-9276. [Link](#)
IF 2.3
52 (42)

Review articles etc

6. Regioselective Arylations via Aryne Intermediates (*Mechanism of the month*)
Shobhan Mondal, and **Berit Olofsson***
Trends in Chemistry **2023**, 5, 404-405. [Link](#) (open access)
IF 22.5
0 (0)
5. Increasing the Reactivity of Amide Bonds towards Organometallic Reagents: An Overview
Vittorio Pace,* Wolfgang Holzer and **Berit Olofsson***
Adv. Synth. Catal. **2014**, 356, 3697-3736. [Link](#)
Cover page: *Adv. Synth. Catal.* **2014**, 356, 3686. [Link](#)
IF 6.5
213 (192)
4. Commemorating two centuries of iodine research: An interdisciplinary overview of current research
Frithjof C. Küpper,* Martin C. Feiters, **Berit Olofsson**, Tatsuo Kaiho, Shozo Yanagida, Michael B. Zimmermann, Lucy J. Carpenter, George W. Luther III, Zunli Lu, Mats Jonsson and Lars Kloo
Angew. Chem. Int. Ed. **2011**, 50, 11598-11620. [Link](#)
Angew. Chem. **2011**, 123, 11802-11825. [Link](#)
IF 13.0
379 (292)
3. Hypervalent Iodine Reagents in the Total Synthesis of Natural Products
Luiz F. Silva, Jr.* and **Berit Olofsson**
Nat. Prod. Rep. **2011**, 28, 1722-1754. [Link](#)
IF 11.0
315 (268)
2. α -Functionalization of Carbonyl Compounds using Hypervalent Iodine Reagents
Eleanor A. Merritt and **Berit Olofsson***
Synthesis **2011**, 517-538. [Link](#)
IF 2.7
171 (260)

1. Diaryliodonium salts – from Obscurity to Fame
Eleanor A. Merritt and **Berit Olofsson*** IF 13.0
Angew. Chem. Int. Ed. **2009**, 48, 9052-9070. [Link](#) 1068
Angew. Chem. **2009**, 121, 9214-9234. [Link](#) (894)

Book chapters, Edited books and Monographs

7. Patai's Chemistry of Functional Groups: The Chemistry of Hypervalent Halogen Compounds
Ed: **Berit Olofsson**, Ilan Marek, Zvi Rappoport, **2019**. 56 (-)
Wiley, ISBN: 978-1-119-35230-3 [Link](#)
Individual chapters are available [online](#)
6. Arylations promoted by hypervalent iodine reagents
Piret Vilho and **Berit Olofsson***
In Patai's Chemistry of Functional Groups: The Chemistry of Hypervalent Halogen Compounds. Ed: Berit Olofsson, Ilan Marek, Zvi Rappoport, **2018** 23 (-)
Wiley, DOI: 10.1002/9780470682531.pat0950 [Link](#)
5. Arylation with Diaryliodonium Salts
Berit Olofsson*
In Hypervalent Iodine Chemistry, *Top. Curr. Chem.* **2016**, 373, 135-166. 119 (106)
[Link](#) to the chapter; [Link](#) to the book.
4. α -Oxygenation of Carbonyl Compounds
Marinus J. Bouma and **Berit Olofsson***
In *Comprehensive Organic Synthesis 2nd Edition*, Molander, G. A., Knochel, P., Eds.; Oxford: Elsevier: **2014**; Vol. 7, p 213-241. [Link](#) 2 (5)
3. Vinylepoxides in Organic Synthesis
Berit Olofsson and Peter Somfai*
In *Aziridines and Epoxides in Organic Synthesis*; Ed. A. Yudin; Wiley-VCH: Weinheim, **2006**. ISBN: 978-3-527-31213-9 [Info](#) [Review](#) 14 (53)
2. A Regio- and Stereodivergent Route to all Isomers of *vic*-Amino Alcohols
Berit Olofsson
Doctoral Thesis, **2002**. [PDF](#)
1. A Regio- and Stereodivergent Synthesis of *vic*-Amino Alcohols
Berit Olofsson
Licentiate Thesis, **2000**. [Info](#)

Popular scientific articles and presentations

3. Purple fumes: the importance of iodine
Frithjof C. Küpper,* Martin C. Feiters, **Berit Olofsson**, Tatsuo Kaiho, Shozo Yanagida, Michael B. Zimmermann, Lucy J. Carpenter, George W. Luther III, Zunli Lu, Mats Jonsson and Lars Kloo
Science in School, **2013**, Issue 27. [Link](#) (open access)
2. iHype - hypervalent jod som miljöräddare
Popular scientific presentation at *Förbundet Unga Forskare*, Stockholm 2011
1. iHype - hypervalent jod som miljöräddare
Popular scientific presentation at *Berzeliusdagarna*, Stockholm 2010

Scientific conferences and symposia

Participated in 56 conferences/symposia, of which 30 as invited speaker:

[The Batsheva de Rothschild Seminar](#) on Strong Bond Activation, Israel, October **2022**
 8th EuChemS Chemistry Congress ([ECC8](#)), Lisbon September **2022**
[Medicinal and Organic Chemistry Symposium](#), Gothenburg September **2022**
 Merck digital seminar August, **2022**
[Pacifichem](#), Hawaii, USA, December **2021** (moved to digital)
 Eur JOC [Liebig-Symposium](#), November **2021** (digital)
[ASSOS](#) summer school talk, Greece August **2021** (digital)
 21st [Tetrahedron Symposium](#), Sweden, June **2021** (moved to digital)
 XXIX European Colloquium on Heterocyclic Chemistry ([ECHC](#)), April **2021** (moved to digital)
 Hypervalent Iodine [virtual symposium](#), November **2020**
 Winter meeting in Organic Chemistry ([OKV2020](#)), Norway **2020**
 9th International Meeting on Halogen Chemistry ([HALCHEM IX](#)), Italy, September **2019**
 Rencontre de Chimie Organique ([RCO](#)), Gif-sur-Yvette, April **2019**
[Mini symposium](#) celebrating the Ulla and Stig Holmquist Science Prize in Organic Chemistry, Uppsala **2019**
 6th International Conference on Hypervalent Iodine Chemistry ([ICHIC](#)), UK **2018**
 1st National meeting of the Swedish chemical society ([SCS](#)), Sweden **2018**
 8th International Meeting on Halogen Chemistry ([HALCHEM-VIII](#)), Japan **2017**
 5th International Conference on Hypervalent Iodine Chemistry ([ICHIC](#)), Switzerland **2016**
 26th Organikerdagarna, Sweden **2016**
 Autumn Meeting of the French Chemical Society (SCF), France **2015**
 European Symposium on Organic Chemistry ([ESOC XIX](#)), Portugal, **2015**
 Paul Walden Symposium, Latvia **2015**
 4th International Conference on Hypervalent Iodine Chemistry (ICHIC), Japan **2014**
 6th International Meeting on Halogen Chemistry (HALCHEM-VI), India **2012**
 14th Brazilian meeting on Organic Chemistry (BMOS), Brazil **2011**
 3rd International Conference on Hypervalent Iodine Chemistry (ICHIC), France **2010**
 22nd Organikerdagarna, Sweden **2010**
[Sweden's delegate](#) at EuChemS Young Investigator Workshop, Czech Republic **2009**
 10th Symposium on the Society of Iodine Science, Japan **2007**

Invited lectures

20 internationally invited lectures at universities:

EPFL, Switzerland November, **2022**
 München Chemical Society Lecture, Germany, June **2021**
 IIT Guwahati, India, May **2021**
 Tokyo University, Japan November **2019**
 Tokyo Institute of Technology, Japan November **2019**
 Chiba University, Japan November **2019**
 ICIQ, Tarragona, Spain **2017**
 Cape Town University, South Africa **2015**
 Stellenbosch University, South Africa **2015**
 STIAS, South Africa **2015**
 Kiel University (*GDCh talk*), Germany **2014**
 Wuppertal University (*GDCh talk*), Germany **2014**
 Cardiff University, UK **2014**
 Bristol University, UK **2014**

University of Oslo, Norway **2013**

EPFL, Switzerland **2011**

UFMG, Brazil **2011**

Belo Horizonte, Brazil **2011**

UNICAMP, Campinas, Brazil **2011**

Sao Paulo University, Brazil **2009**

8 invited lectures at Swedish universities:

Gothenburg University **2008, 2009**

Lund University **2008, 2016**

Uppsala University **2007, 2019**

KTH **2005**

Stockholm University 2004

2 lectures at companies:

AstraZeneca Mölndal 2009

AstraZeneca Södertälje 2005