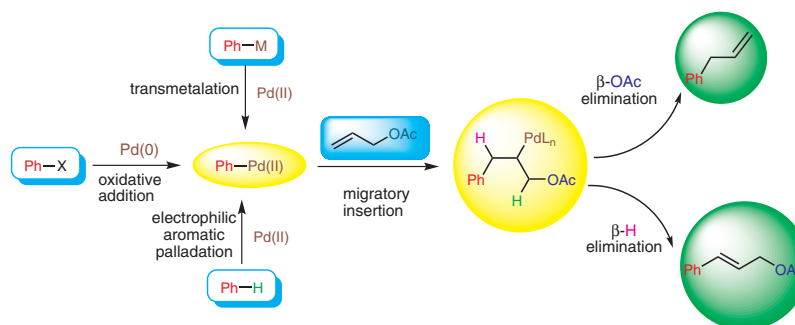
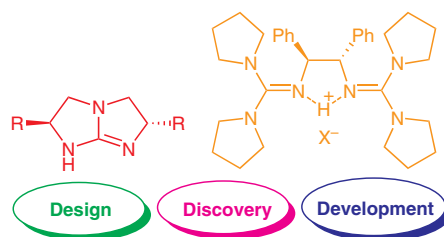
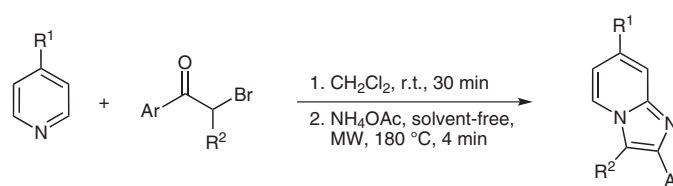
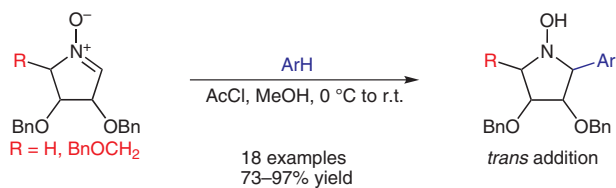


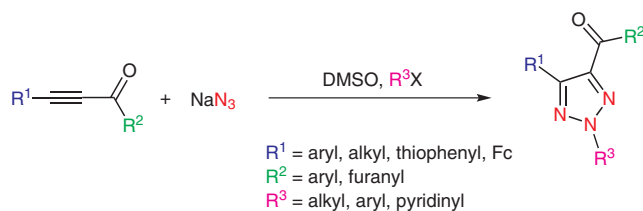
1577 D. Pan
N. Jiao*Palladium-Catalyzed Heck-Type Coupling of Allyl Esters: β -Hydride versus β -Acetoxy Elimination1589 D. Leow
C.-H. Tan*

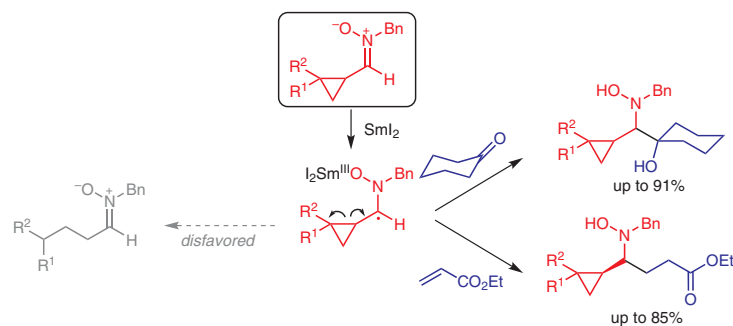
Catalytic Reactions of Chiral Guanidines and Guanidinium Salts

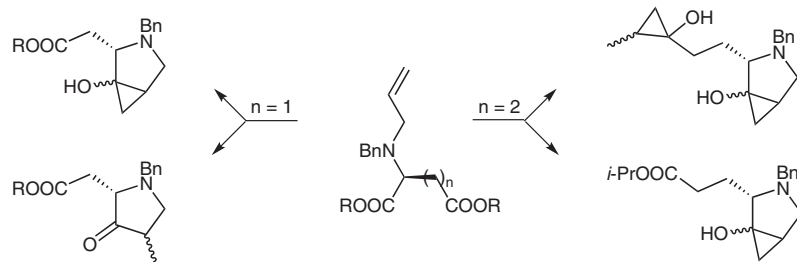
1606 M. Adib*
A. Mohamadi
E. Sheikhi
S. Ansari
H. R. Bijanzadeh*Microwave-Assisted, One-Pot Reaction of Pyridines, α -Bromoketones and Ammonium Acetate: An Efficient and Simple Synthesis of Imidazo[1,2-*a*]-pyridines

1609 J.-K. Su
Y.-M. Jia
R. He
P.-X. Rui
N. Han
X. He
J. Xiang
X. Chen
J. Zhu
C.-Y. Yu*

A Rapid Synthesis of 2-Aryl Polyhydroxylated Pyrrolidines

1617 J. Li
Y. Zhang
D. Wang
W. Wang
T. Gao
L. Wang
J. Li
G. Huang
B. Chen*

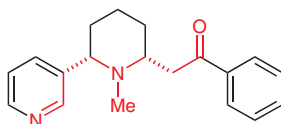
Metal- and Base-Free Three-Component Reaction of Ynones, Sodium Azide, and Alkyl Halides: Highly Regioselective Synthesis of 2,4,5-Trisubstituted 1,2,3-NH-Triazoles

1623 O. N. Burchak
G. Masson
S. Py*

SmI₂-Mediated Reductive Cross-Coupling Reactions of α -Cyclopropyl Nitrones

1627 M. Jida
X. Gaucher
J. Ollivier*

Titanium-Mediated Cyclopropanation on Diesters: Mechanistic Study on the Dramatic Effects of Selected Parameters


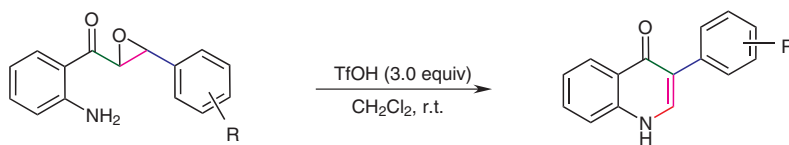
- 1631 T. Ranaivondrambola
W. Hatton
F.-X. Felpin
M. Evain
M. Mathé-Allainmat*
J. Lebreton*

Synthesis of a Racemic Nicotine–Lobeline Hybrid



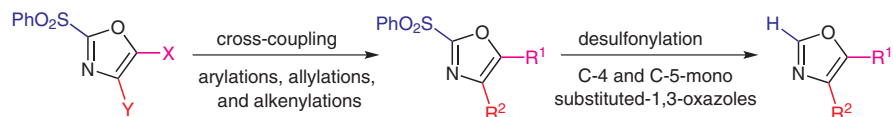
- 1635 C. Praveen
K. Parthasarathy
P. T. Perumal*

Triflic Acid Promoted Tandem Ring-Closure–Aryl-Migration of 2'-Amino Chalcone Epoxide: A New Synthetic Route to Azaisoflavones



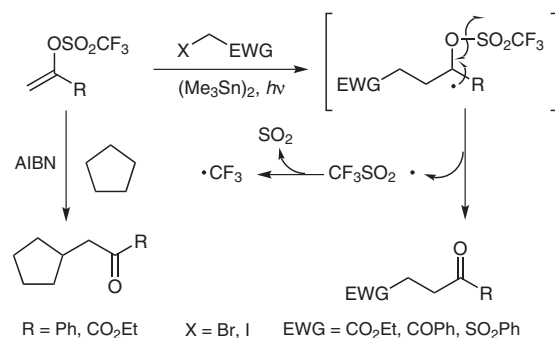
- 1641 D. R. Williams*
L. Fu

Efficient Suzuki and Stille Reactions for Regioselective Strategies of Incorporation of the 1,3-Oxazole Heterocycle: Mild Desulfonation for the Synthesis of C-4 and C-5 Monosubstituted Oxazoles

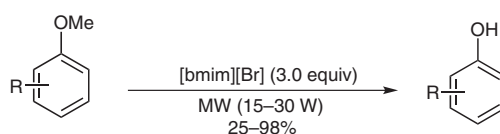


- 1647 J. Y. Lee
K.-C. Lim
X. Meng
S. Kim*

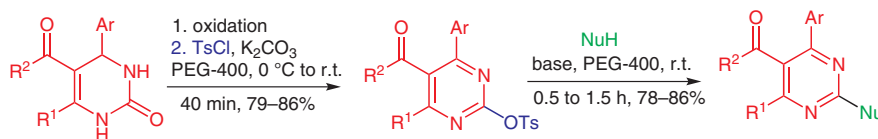
Radical Alkylations of Alkyl Halides and Unactivated C–H Bonds Using Vinyl Triflates



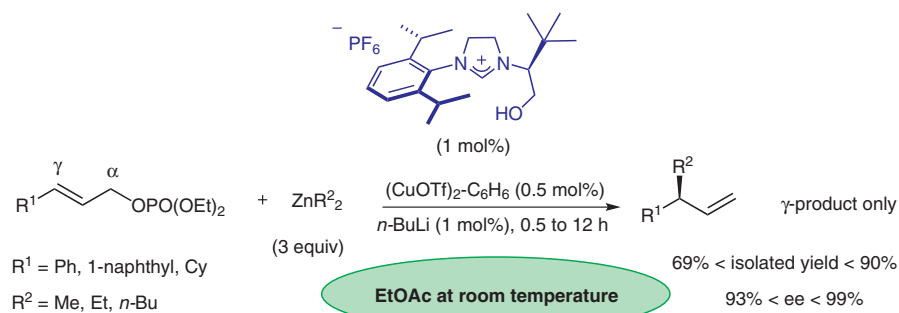
- 1651 J. Park
J. Chae* **Microwave-Assisted Demethylation of Methyl Aryl Ethers Using an Ionic Liquid**



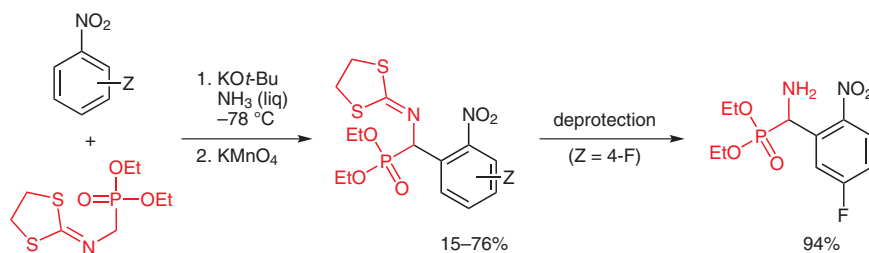
- 1657 X.-C. Wang*
G.-J. Yang
Z.-J. Quan
P.-Y. Ji
J.-L. Liang
R.-G. Ren **Synthesis of 2-Substituted Pyrimidines via Cross-Coupling Reaction of Pyrimidin-2-yl Sulfonates with Nucleophiles in Polyethylene Glycol 400**



- 1661 T. Jennequin
J. Wencel-Delord
D. Rix
J. Daubignard
C. Crévisy*
M. Mauduit* **Chelating Hydroxyalkyl NHC as Efficient Chiral Ligands for Room-Temperature Copper-Catalyzed Asymmetric Allylic Alkylation**

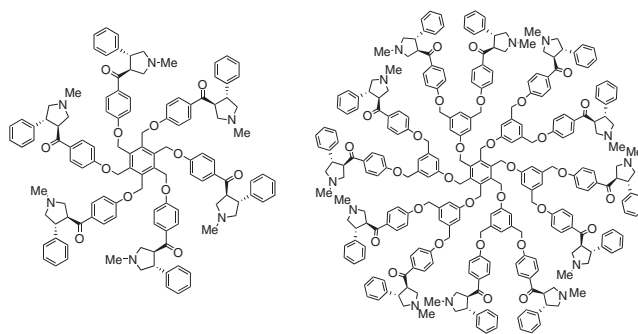


- 1666 M. Małosza*
D. Sulikowski **Synthesis of Diethyl α-(o-Nitroaryl)phosphoglycines via Oxidative Nucleophilic Substitution of Hydrogen in Nitroarenes**



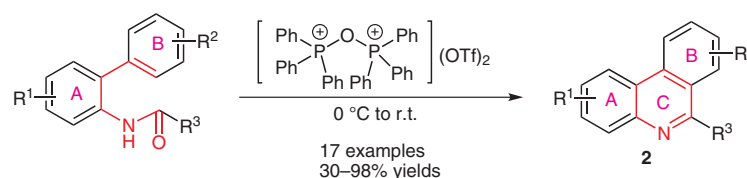
1669 P. Rajakumar*
S. Raja
A. Thirunarayanan

A Facile Synthesis of Novel Pyrrolidine Dendrimers by Terminal Group Modification through 1,3-Dipolar Cycloaddition Reaction



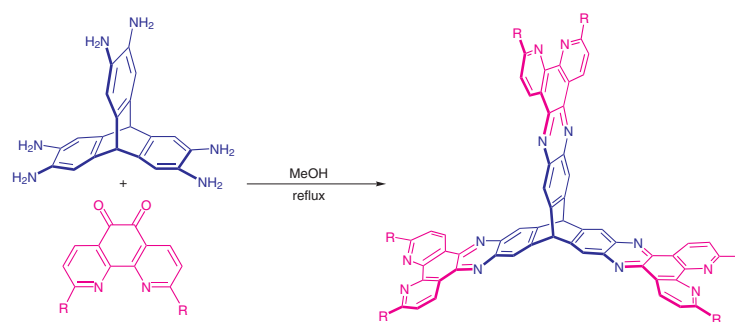
1674 J. Xi
Q.-L. Dong
G.-S. Liu
S. Wang
L. Chen*
Z.-J. Yao*

Efficient Synthesis of Phenanthridines Using Hendrickson Reagent Initiated Cascade Reaction under Mild Conditions



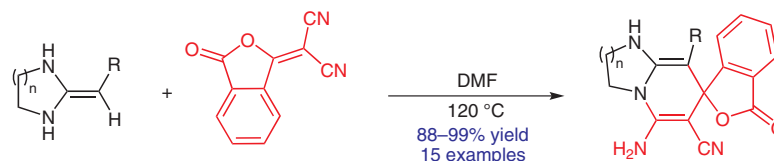
1679 Y. Jiang
C.-F. Chen*

Synthesis and Structures of 1,10-Phenanthroline-Based Extended Triptycene Derivatives



1682 W.-Y. Xu
Y.-M. Jia
J.-K. Yang*
Z.-T. Huang*
C.-Y. Yu*

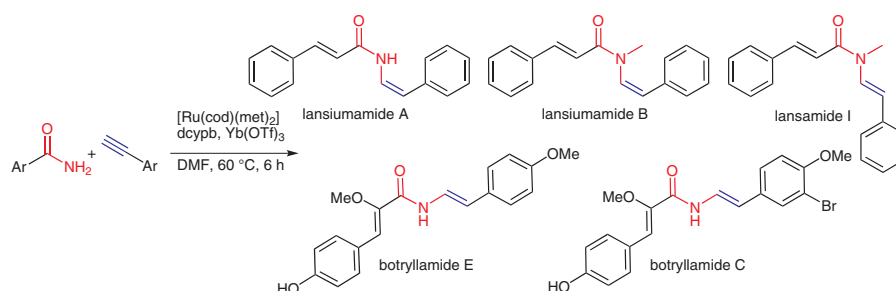
Reactions of Heterocyclic Ketene Aminals with 2-[3-Oxoisobenzofuran-1(3H)-ylidene]malonitrile: Synthesis of Novel Polyfunctionalized 1,4-Dihydropyridine-Fused 1,3-Diazaheterocycles



$n = 1, 2$; $R = \text{CN}, \text{NO}_2, \text{CO}_2\text{Et}, 4\text{-XPh-CO}$; $X = \text{H}, \text{Me}, \text{OMe}, \text{Cl}, \text{Br}, \text{F}, \text{Ph}$

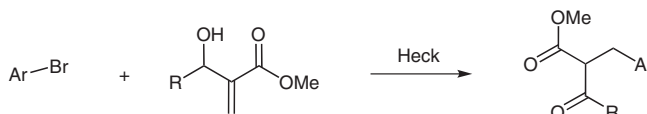
1685 L. J. Gooßen*
M. Blanchot
M. Arndt
K. S. M. Salih

Synthesis of Botryllamides and Lansiumamides via Ruthenium-Catalyzed Hydroamidation of Alkynes



1688 N. J. Bennett*
A. Goldby
R. Pringle

Improved Palladium-Catalysed Synthesis of α -Benzyl- β -keto Esters



1692 L. E. Overman*

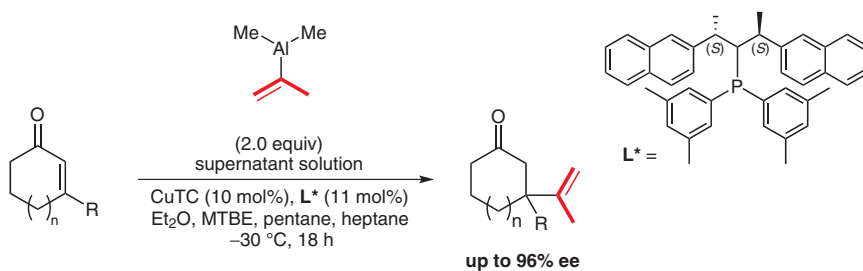
Stereoselective Synthesis of Stereogenic Quaternary Carbons: A Formidable Challenge and Remarkable Recent Progress

Cluster Preface

Stereoselective Synthesis of Quaternary Carbons

1694 D. Müller
C. Hawner
M. Tissot
L. Palais
A. Alexakis*

Creation of Quaternary Stereogenic Centers via Copper-Catalyzed Asymmetric Conjugate Addition of Alkenyl Alanes to α,β -Unsaturated Cyclic Ketones



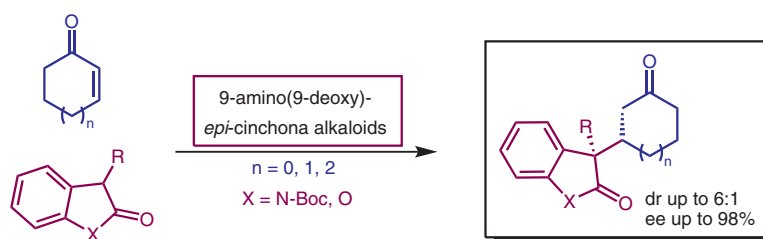
- 1699** T. Seiser
G. Cathomen
N. Cramer*

Enantioselective Construction of Indanones from Cyclobutanols Using a Rhodium-Catalyzed C–C/C–H/C–C Bond Activation Process



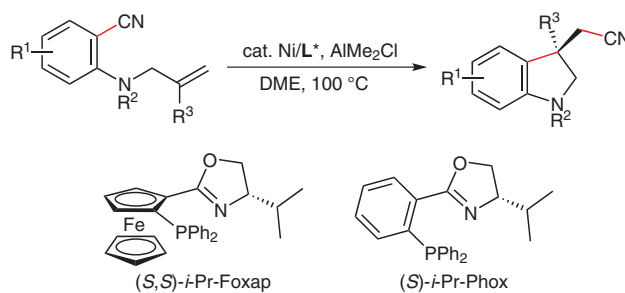
- 1704** F. Pesciaoli
X. Tian
G. Bencivenni
G. Bartoli
P. Melchiorre*

Organocatalytic Asymmetric Conjugate Additions of Oxindoles and Benzofuranones to Cyclic Enones



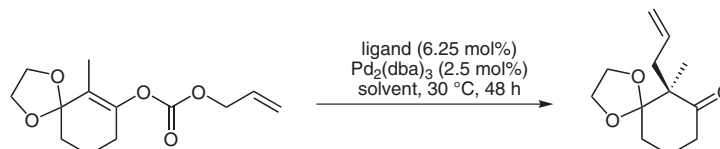
- 1709** J.-C. Hsieh
S. Ebata
Y. Nakao*
T. Hiyama*

Asymmetric Synthesis of Indolines Bearing a Benzylic Quaternary Stereocenter through Intramolecular Arylcyanation of Alkenes

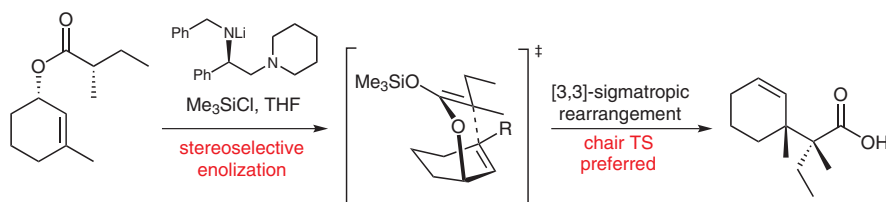


- 1712** N. T. McDougal
S. C. Virgil
B. M. Stoltz*

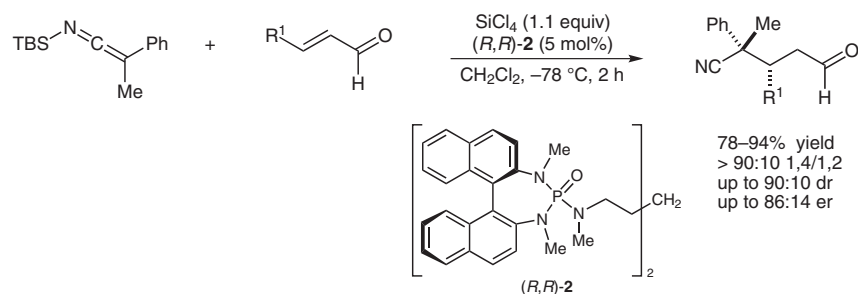
High-Throughput Screening of the Asymmetric Decarboxylative Alkylation Reaction of Enolate-Stabilized Enol Carbonates



- 1717** Z. Gu
A. T. Herrmann
C. E. Stivala
A. Zakarian*
- Stereoselective Construction of Adjacent Quaternary Chiral Centers by the Ireland–Claisen Rearrangement: Stereoselection with Esters of Cyclic Alcohols**



- 1723** S. E. Denmark*
T. W. Wilson
- Construction of Quaternary Stereogenic Carbon Centers by the Lewis Base Catalyzed Conjugate Addition of Silyl Ketene Imines to α,β -Unsaturated Aldehydes and Ketones**



- 1729** Compiled by
L. Saikia
- Sodium Triacetoxyborohydride**

- 1731** Compiled by
G. R. Pereira*
- Copper(II) Sulfate**

XV

Forthcoming Articles

Author Index

- Adib, M. 1606
 Alexakis, A. 1694
 Ansari, S. 1606
 Arndt, M. 1685

 Bartoli, G. 1704
 Bencivenni, G. 1704
 Bennett, N. J. 1688
 Bijanzadeh, H. R. 1606
 Blanchot, M. 1685
 Burchak, O. N. 1623

 Cathomen, C. 1699
 Chae, J. 1651
 Chen, B. 1617
 Chen, C.-F. 1679
 Chen, L. 1674
 Chen, X. 1609
 Cramer, N. 1699
 Crévisy, C. 1661

 Daubignard, J. 1661
 Denmark, S. E. 1723
 Dong, Q.-L. 1674

 Ebata, S. 1709
 Evain, M. 1631

 Felpin, F.-X. 1631
 Fu, L. 1641

 Gao, T. 1617
 Gaucher, X. 1627
 Goldby, A. 1688
 Gooßen, L. J. 1685

 Gu, Z. 1717

 Han, N. 1609
 Hatton, W. 1631
 Hawner, C. 1694
 He, R. 1609
 He, X. 1609
 Herrmann, A. T. 1717
 Hiyama, T. 1709
 Hsieh, J.-C. 1709
 Huang, G. 1617
 Huang, Z.-T. 1682

 Jennequin, T. 1661
 Ji, P.-Y. 1657
 Jia, Y.-M. 1609, 1682
 Jiang, Y. 1679
 Jiao, N. 1577
 Jida, M. 1627

 Kim, S. 1647

 Lebreton, J. 1631
 Lee, J. Y. 1647
 Leow, D. 1589
 Li, J. 1617
 Li, J. 1617
 Liang, J.-L. 1657
 Lim, K.-C. 1647
 Liu, G.-S. 1674

 Małosza, M. 1666
 Masson, G. 1623
 Mathé-Allainmat, M. 1631
 Mauduit, M. 1661

 McDougal, N. T. 1712
 Melchiorre, P. 1704
 Meng, X. 1647
 Mohamadi, A. 1606
 Müller, D. 1694

 Nakao, Y. 1709

 Ollivier, J. 1627
 Overman, L. E. 1692

 Palais, L. 1694
 Pan, D. 1577
 Park, J. 1651
 Parthasarathy, K. 1635
 Pereira, G. R. 1731
 Perumal, P. T. 1635
 Pesciaoli, F. 1704
 Praveen, C. 1635
 Pringle, R. 1688
 Py, S. 1623

 Quan, Z.-J. 1657

 Raja, S. 1669
 Rajakumar, P. 1669
 Ranaivondrambola, T. 1631
 Ren, R.-G. 1657
 Rix, D. 1661
 Rui, P.-X. 1609

 Saika, L. 1729
 Salih, K. S. M. 1685
 Seiser, T. 1699
 Sheikhi, E. 1606

 Stivala, C. E. 1717
 Stoltz, B. M. 1712
 Su, J.-K. 1609
 Sulikowski, D. 1666

 Tan, C.-H. 1589
 Thirunarayanan, A. 1669
 Tian, X. 1704
 Tissot, M. 1694

 Virgil, S. C. 1712

 Wang, D. 1617
 Wang, L. 1617
 Wang, S. 1674
 Wang, W. 1617
 Wang, X.-C. 1657
 Wencel-Delord, J. 1661
 Williams, D. R. 1641
 Wilson, T. W. 1723

 Xi, J. 1674
 Xiang, J. 1609
 Xu, W.-Y. 1682

 Yang, G.-J. 1657
 Yang, J.-K. 1682
 Yao, Z.-J. 1674
 Yu, C.-Y. 1609, 1682

 Zakarian, A. 1717
 Zhang, Y. 1617
 Zhu, J. 1609