

685 T. Hudlicky\*  
J. W. Reed

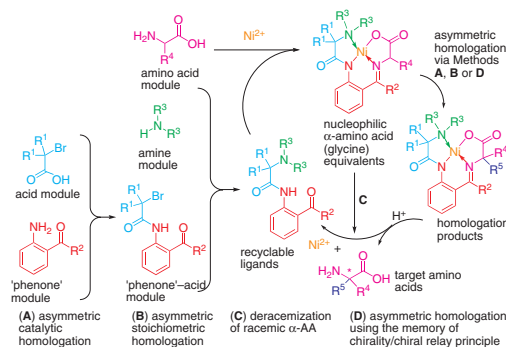
## Celebrating 20 Years of *SYNLETT* – Special Account On the Merits of Biocatalysis and the Impact of Arene *cis*-Dihydrodiols on Enantioselective Synthesis



Celebrating four decades of David Gibson's  
discovery and its impact on enantioselective synthesis

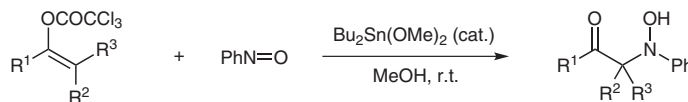
704 V. A. Soloshonok\*  
H. Ueki  
T. K. Ellis

## New Generation of Modular Nucleophilic Glycine Equivalents for the General Synthesis of $\alpha$ -Amino Acids

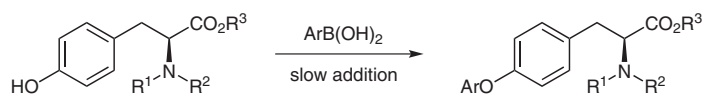


716 A. Yanagisawa\*  
Y. Izumi  
S. Takeshita

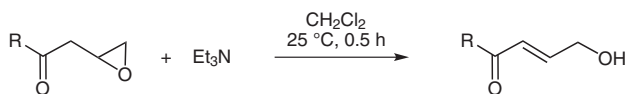
## Thieme Chemistry Journal Awardees – Where are They Now? Dibutyltin Dimethoxide Catalyzed *N*-Nitrosoaldol Reaction of Alkenyl Trichloroacetate



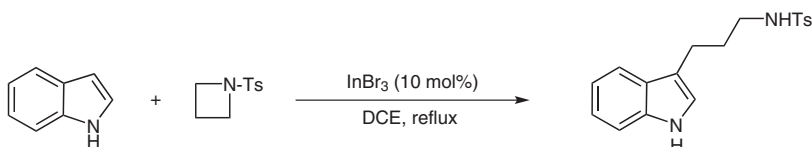
- 720 B. Kilitoglu  
H.-D. Arndt\* **Thieme Chemistry Journal Awardees – Where are They Now? Scope of Tyrosine O-Arylations with Boronic Acids: Optimized Synthesis of an Orthogonally Protected Isodityrosine**



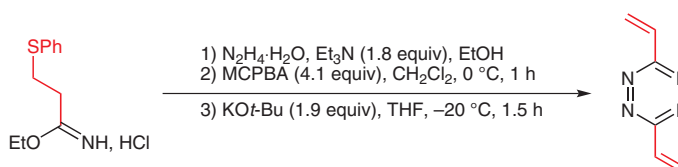
- 724 M. Sada  
S. Ueno  
K. Asano  
K. Nomura  
S. Matsubara\* **Stereoselective Preparation of 3-Alkanoylprop-2-en-1-ol Derivatives**



- 727 J. S. Yadav\*  
B. V. S. Reddy  
G. Narasimhulu  
G. Satheesh **First Example of C-3 Alkylation of Indoles with Activated Azetidines Catalyzed by Indium(III) Bromide**

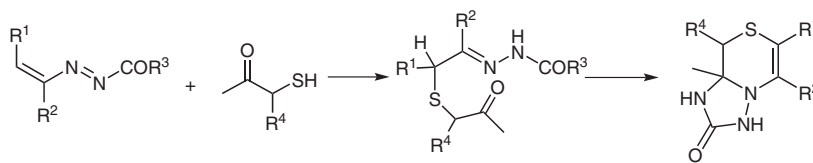


- 731 S. Pican  
V. Lapinte  
J.-F. Pilard\*  
E. Pasquinet  
L. Beller  
L. Fontaine  
D. Poullain **Synthesis of 3,6-Divinyl-1,2,4,5-Tetrazine, the First Member of the Elusive Vinyltetrazine Family**



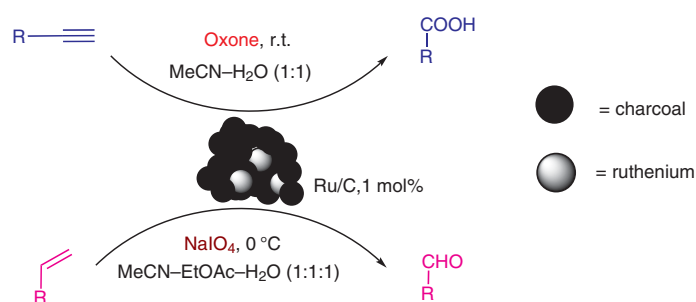
735 O. A. Attanasi  
S. Lillini  
F. Mantellini\*  
J. M. de los Santos  
R. Ignacio  
F. Palacios\*

### Domino Reaction for the Construction of New 2-Oxo[1,2,4]triazolo[5,1-c]-[1,4]thiazines



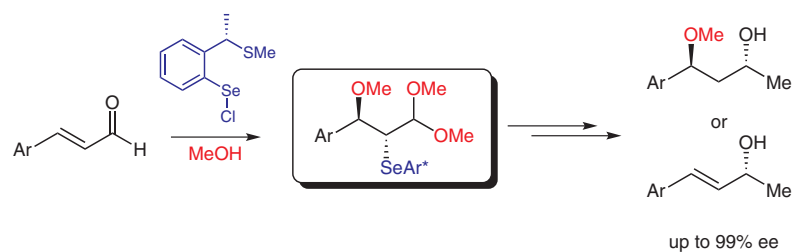
739 V. Kumar A.  
V. Prakash Reddy  
R. Sridhar  
B. Srinivas  
K. Rama Rao\*

### An Improved Protocol for the Oxidative Cleavage of Alkynes, Alkenes, and Diols with Recyclable Ru/C



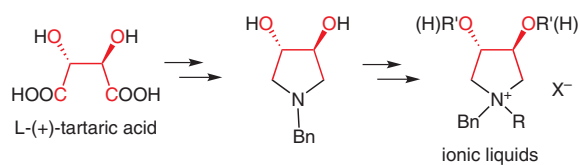
743 C. Santi\*  
S. Santoro  
C. Tomassini  
F. Pascolini  
L. Testaferri  
M. Tiecco

### Enantioselective Methoxyselenenylation of $\alpha,\beta$ -Unsaturated Aldehydes



747 M. Bonanni  
G. Soldaini  
C. Faggi  
A. Goti  
F. Cardona\*

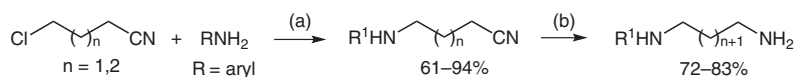
### Novel L-Tartaric Acid Derived Pyrrolidinium Cations for the Synthesis of Chiral Ionic Liquids



751

N. P. Link  
J. E. Díaz  
L. R. Orelli\*

### An Efficient Synthesis of *N*-Arylputrescines and Cadaverines

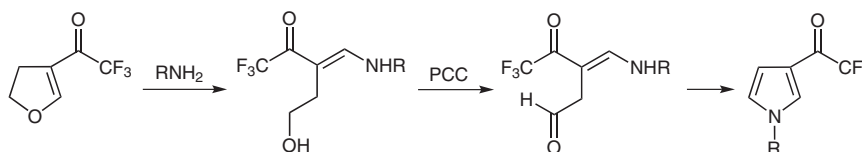


(a)  $\text{Cs}_2\text{CO}_3$ , 2 KI, DMF, 3–5 h, 70–115 °C  
(b)  $\text{BH}_3$ , THF, reflux, 1 h

755

N. Zanatta\*  
A. D. Wouters  
L. Fantinel  
F. M. da Silva  
R. Barichello  
P. E. A. da Silva  
D. F. Ramos  
H. G. Bonacorso  
M. A. P. Martins

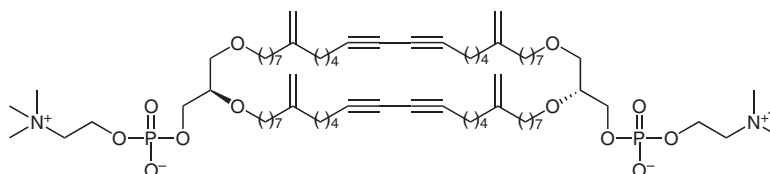
### Convenient One-Pot Synthesis of *N*-Substituted 3-Trifluoroacetyl Pyrroles



759

Y. Ono  
M. Namekata  
R. Goto  
M. Nakamura  
M. Shibakami\*

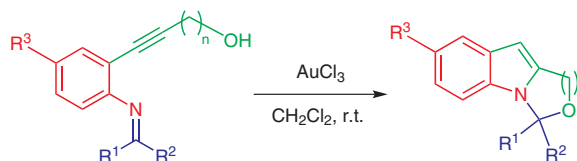
### Synthesis of Ether-Linkage-Based Cyclic Glycerophospholipid Carrying Methylene Moiety that Improves Membrane Fluidity



763

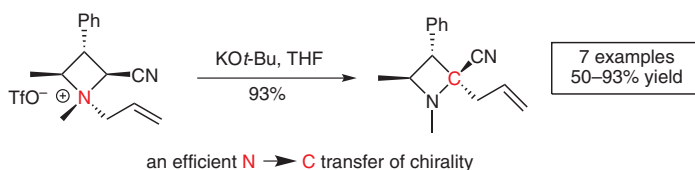
W. Fu  
C. Xu  
G. Zou  
D. Hong  
D. Deng  
Z. Wang  
B. Ji\*

### $\text{AuCl}_3$ -Catalyzed Tandem Reaction of *N*-(*o*-Alkynylphenyl)imines: A Modular Entry to Polycyclic Frameworks Containing an Indole Unit



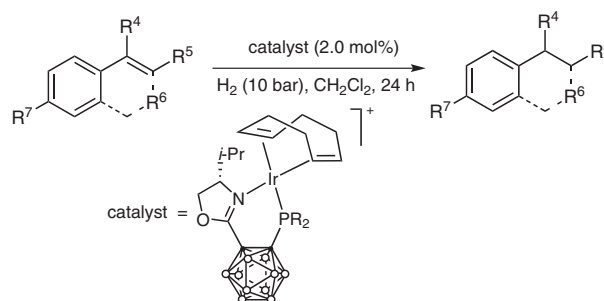
767 B. Drouillat  
F. Couty\*  
J. Marrot

### Chirality Transfer in Azetidinium Ylides: An Enantioselective Route to $\alpha$ -Quaternary Azetidines



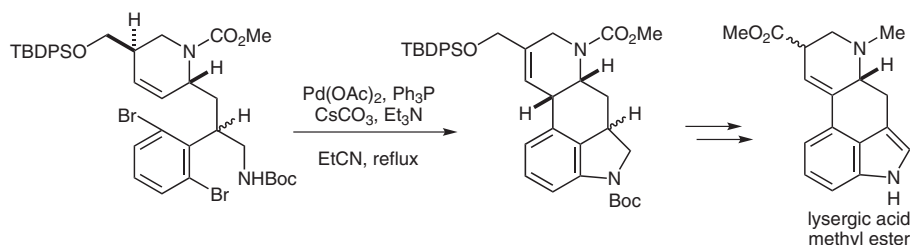
771 J.-D. Lee  
T. T. Co  
T.-J. Kim\*  
S. O. Kang\*

### New Types of *o*-Carborane-Based Chiral Phosphinooxazoline (Cab-PHOX) Ligand Systems: Synthesis and Characterization of Chiral Cab-PHOX Ligands and Their Application to Asymmetric Hydrogenation



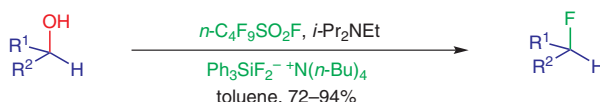
775 T. Kurokawa  
M. Isomura  
H. Tokuyama  
T. Fukuyama\*

### Synthesis of Lysergic Acid Methyl Ester via the Double Cyclization Strategy

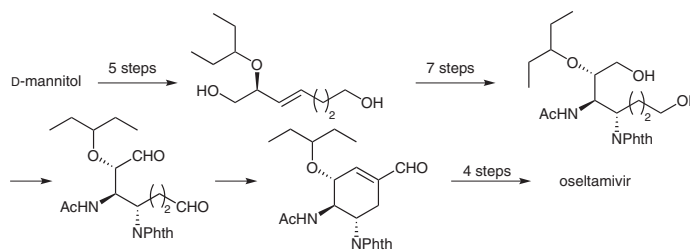


779 X. Zhao\*  
W. Zhuang  
D. Fang  
X. Xue\*  
J. Zhou

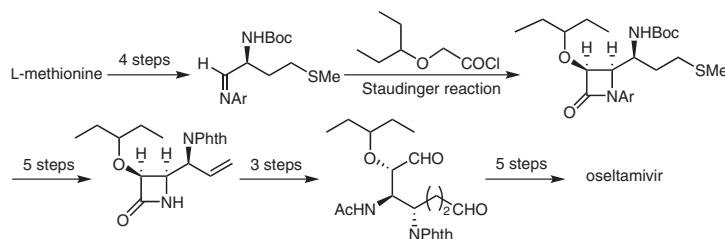
### A Highly Efficient Conversion of Primary or Secondary Alcohols into Fluorides with *n*-Perfluorobutanesulfonyl Fluoride–Tetrabutylammonium Triphenyldifluorosilicate



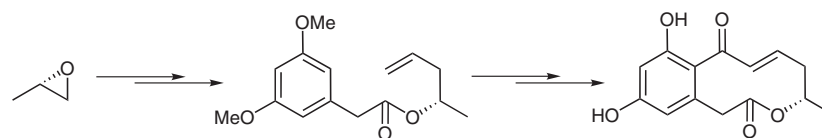
783

T. Mandai\*  
T. Oshitari**Efficient Asymmetric Synthesis of Oseltamivir from D-Mannitol**

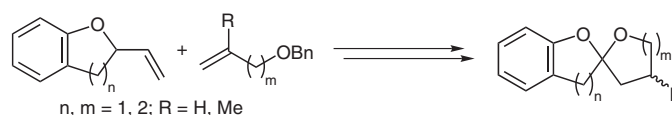
787

T. Oshitari  
T. Mandai\***Azide-Free Synthesis of Oseltamivir from L-Methionine**

790

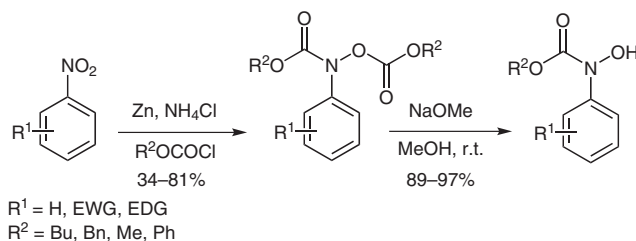
J. S. Yadav\*  
N. Thrimurtulu  
K. U. Gayathri  
B. V. S. Reddy  
A. R. Prasad**First Stereoselective Total Synthesis of Sporostatin and Determination of Absolute Configuration**

793

Y.-C. Liu  
J. Sperry  
D. C. K. Rathwell  
M. A. Brimble\***A Facile Cross-Metathesis–Radical-Cyclisation Approach to Monobenzannulated Spiroketal**

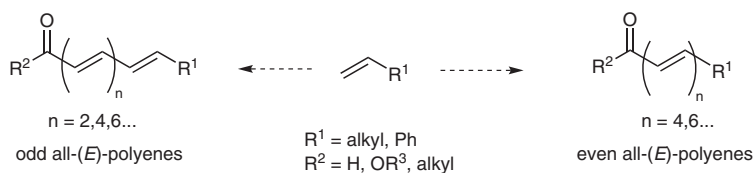
798 A. Porzelle  
M. D. Woodrow  
N. C. O. Tomkinson\*

### Facile Procedure for the Synthesis of *N*-Aryl-*N*-hydroxy Carbamates



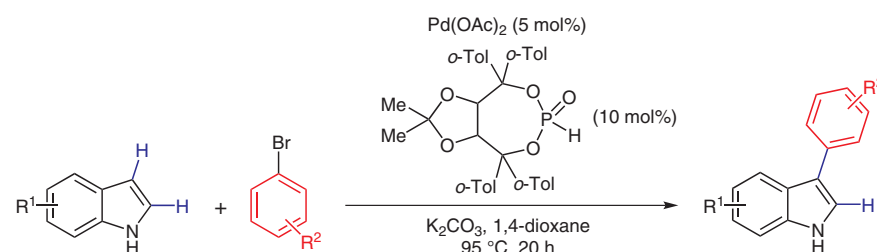
803 S. BouzBouz\*  
C. Roche  
J. Cossy\*

### Simple Synthesis of Conjugated All-(*E*)-Polyenic Aldehydes, Ketones, and Esters Using Chemoselective Cross-Metathesis and an Iterative Sequence of Reactions: Application to the Synthesis of Navenone B



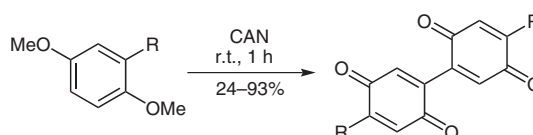
808 L. Ackermann\*  
S. Barfüßer

### Palladium-Catalyzed Direct C-3 Arylations of Indoles with an Air-Stable HASPO



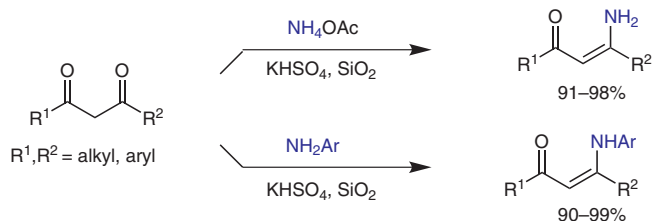
813 B. E. Love\*  
J. Bonner-Stewart  
L. A. Forrest

### Improved Synthesis of Diquinones



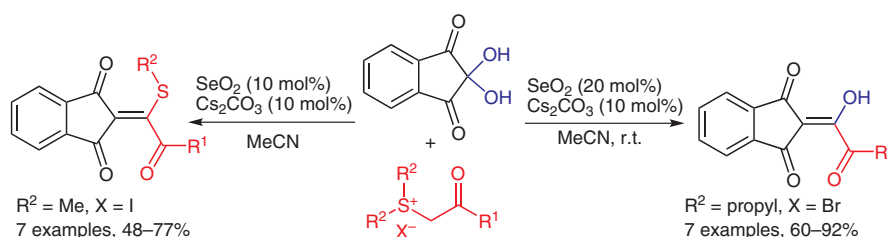
- 818 S.-L. Xu  
C.-P. Li  
J.-H. Li\*

### Solid-State Synthesis of $\beta$ -Enamino Ketones from Solid 1,3-Dicarbonyl Compounds and Ammonium Salts or Amines



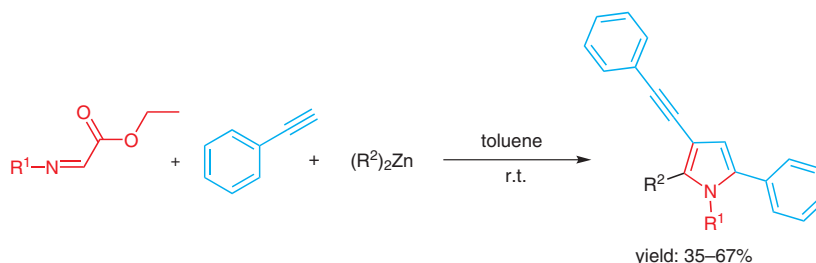
- 823 Q. Shao  
W. Shi  
C. Li\*

### Tunable Condensations between Ninhydrin and Sulfonium Salts Catalyzed by $\text{SeO}_2$ and $\text{Cs}_2\text{CO}_3$ Leading to Highly Functionalized Vinyl Alcohols or Vinyl Sulfides



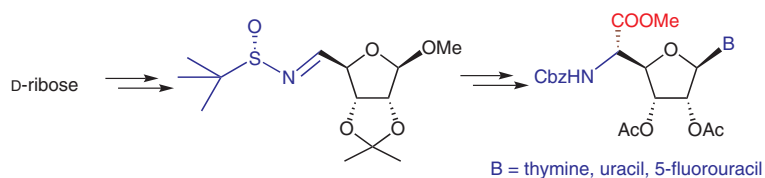
- 828 X. Chen  
L. Hou  
X. Li\*

### An Easy One-Pot Synthesis of Tetrasubstituted 3-Alkynylpyrroles via Multicomponent Coupling Reaction



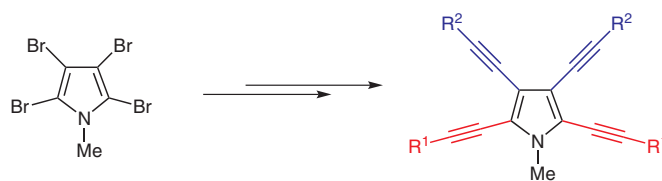
- 833 Y.-C. Luo  
H.-H. Zhang  
P.-F. Xu\*

### The Application of *tert*-Butanesulfinamide in the Asymmetric Synthesis of the Core Structure of Polyoxin and Nikkomycin Antibiotics



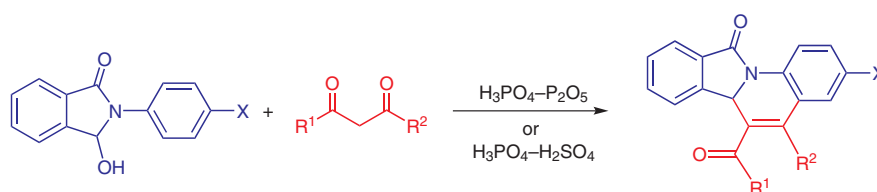
838 F. Ullah  
T. T. Dang  
J. Heinicke  
A. Villinger  
P. Langer\*

**Regioselective Sonogashira Reactions of *N*-Methyltetrabromopyrrole:  
First Synthesis of Tri- and Tetra(1-alkynyl)pyrroles**



843 Y. Zhou  
L. Qian  
W. Zhang\*

**One-Pot Synthesis of Isoindolo[2,1-*a*]quinolin-11-ones by Cyclocondensation  
of 3-Hydroxy-2-arylisindol-1-ones with 1,3-Dicarbonyls**



848 Compiled by  
B. Fuger\*

**L-Ascorbic Acid**

850 Compiled by  
S. S. Poopanal\*

**Martin Sulfurane – A Versatile Reagent for Organic Synthesis**

852

## Erratum

XV

## Forthcoming Articles

## Author Index

- Ackermann, L. 808  
 Arndt, H.-D. 720  
 Asano, K. 724  
 Attanasi, O. A. 735
- Barfüßer, S. 808  
 Barichello, R. 755  
 Beller, L. 731  
 Bonacorso, H. G. 755  
 Bonanni, M. 747  
 Bonner-Stewart, J. 813  
 BouzBouz, S. 803  
 Brimble, M. A. 793
- Cardona, F. 747  
 Chen, X. 828  
 Co, T. T. 771  
 Cossy, J. 803  
 Couty, F. 767
- da Silva, F. M. 755  
 da Silva, P. E. A. 755  
 Dang, T. T. 838  
 de los Santos, J. M. 735  
 Deng, D. 763  
 Díaz, J. E. 751  
 Drouillat, B. 767
- Ellis, T. K. 704
- Faggi, C. 747  
 Fang, D. 779  
 Fantinel, L. 755  
 Fontaine, L. 731  
 Forrest, L. A. 813  
 Fu, W. 763  
 Fügler, B. 848  
 Fukuyama, T. 775
- Gayathri, K. U. 790  
 Goti, A. 747  
 Goto, R. 759
- Heinicke, J. 838  
 Hong, D. 763  
 Hou, L. 828  
 Hudlicky, T. 685
- Ignacio, R. 735  
 Isomura, M. 775  
 Izumi, Y. 716
- Ji, B. 763
- Kang, S. O. 771  
 Kilitoglu, B. 720  
 Kim, T.-J. 771  
 Kumar A. V. 739  
 Kurokawa, T. 775
- Langer, P. 838  
 Lapinte, V. 731  
 Lee, J.-D. 771  
 Li, C. 823  
 Li, C.-P. 818  
 Li, J.-H. 818  
 Li, X. 828  
 Lillini, S. 735  
 Link, N. P. 751  
 Liu, Y.-C. 793  
 Love, B. E. 813  
 Luo, Y.-C. 833
- Mandai, T. 783, 787  
 Mantellini, F. 735  
 Marrot, J. 767  
 Martins, M. A. P. 755  
 Matsubara, S. 724
- Nakamura, M. 759  
 Namekata, M. 759  
 Narasimhulu, G. 727  
 Nomura, K. 724
- Ono, Y. 759  
 Orelli, L. R. 751  
 Oshitari, T. 783, 787
- Palacios, F. 735  
 Pascolini, F. 743  
 Pasquinet, E. 731  
 Pican, S. 731  
 Pilard, J.-F. 731  
 Pooppanal, S. S. 850  
 Porzelle, A. 798  
 Poullain, D. 731  
 Prakash Reddy, V. 739  
 Prasad, A. R. 790
- Qian, L. 843
- Rama Rao, K. 739  
 Ramos, D. F. 755  
 Rathwell, D. C. K. 793  
 Reddy, B. V. S. 727, 790  
 Reed, J. W. 685  
 Roche, C. 803
- Sada, M. 724  
 Santi, C. 743  
 Santoro, S. 743  
 Satheesh, G. 727  
 Shao, Q. 823  
 Shi, W. 823  
 Shibakami, M. 759  
 Soldaini, G. 747  
 Soloshonok, V. A. 704  
 Sperry, J. 793
- Sridhar, R. 739  
 Srinivas, B. 739  
 Takeshita, S. 716  
 Testaferri, L. 743  
 Thrimurtulu, N. 790  
 Tiecco, M. 743  
 Tokuyama, H. 775  
 Tomassini, C. 743  
 Tomkinson, N. C. O. 798
- Ueki, H. 704  
 Ueno, S. 724  
 Ullah, F. 838
- Villinger, A. 838
- Wang, Z. 763  
 Woodrow, M. D. 798  
 Wouters, A. D. 755
- Xu, C. 763  
 Xu, P.-F. 833  
 Xu, S.-L. 818  
 Xue, X. 779
- Yadav, J. S. 727, 790  
 Yanagisawa, A. 716
- Zanatta, N. 755  
 Zhang, H.-H. 833  
 Zhang, W. 843  
 Zhao, X. 779  
 Zhou, J. 779  
 Zhou, Y. 843  
 Zhuang, W. 779  
 Zou, G. 763