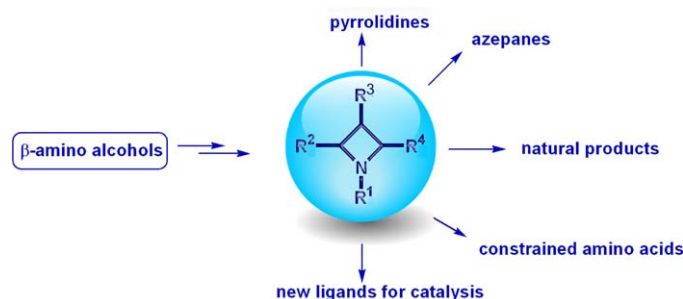


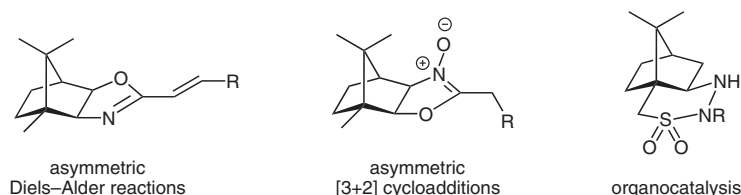
3053 F. Couty\*  
G. Evano\*

## Azetidines: New Tools for the Synthesis of Nitrogen Heterocycles



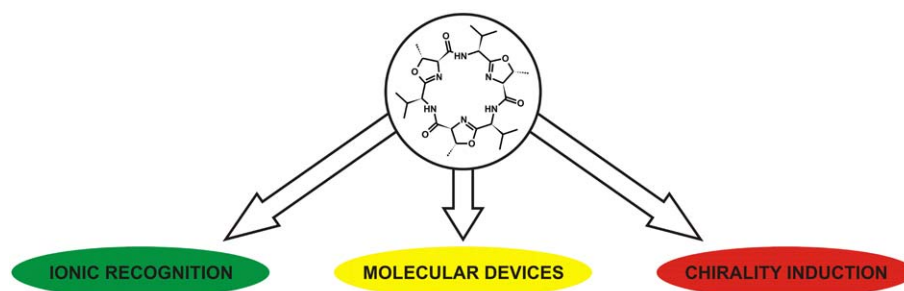
3065 Y. Langlois\*  
C. Kouklovsky\*

## Camphor Derivatives in Asymmetric Cycloadditions and Rearrangements



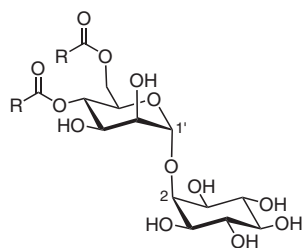
3082 Á. Pintér  
G. Haberhauer\*

## Thieme Chemistry Journal Awardees – Where Are They Now? Macrocyclic Peptide Chemistry Inspired by Nature – From Chiral Artificial Receptors toward Molecular Devices



- 3099 G. J. Florence\*  
T. Aslam  
G. J. Miller  
G. D. S. Milne  
S. J. Conway\*

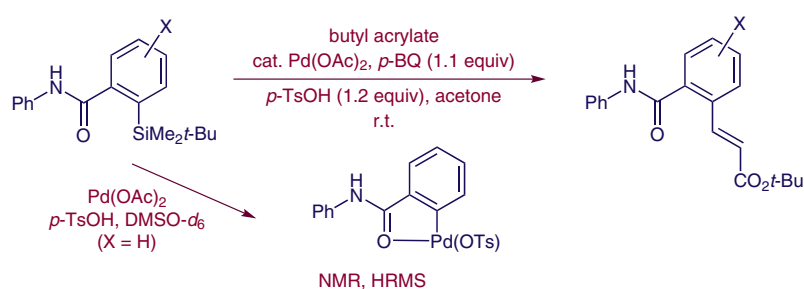
### Thieme Chemistry Journal Awardees – Where are They Now? Synthesis of the Marine Glycolipid Dioctadecanoyl Discoside



discoside, R = (CH<sub>2</sub>)<sub>16</sub>Me

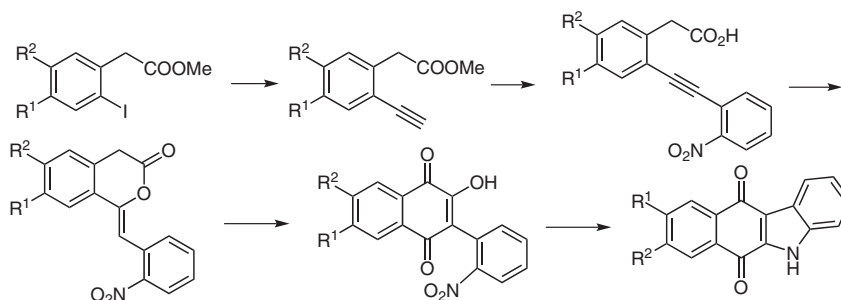
- 3103 W. Rauf  
J. M. Brown\*

### Catalytic Amide-Directed Palladadesilylation–Alkenylation



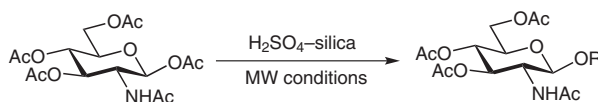
- 3107 C. O. Salas  
F. J. Reboredo  
J. C. Estévez  
R. A. Tapia  
R. J. Estévez\*

### Gold-Facilitated ‘6-Exo-dig’ Intramolecular Cyclization of 2-[(2-Nitrophenyl)ethynyl]phenylacetic Acids: General Access to 5*H*-Benzo[*b*]carbazole-6,11-diones

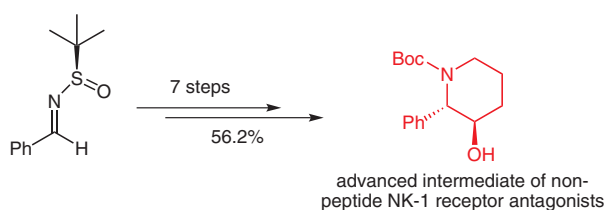


- 3111 S. Mandal  
N. Sharma  
B. Mukhopadhyay\*

### H<sub>2</sub>SO<sub>4</sub>–Silica Promoted Direct Formation of β-Glycosides of *N*-Acetyl Glycosylamines under Microwave Conditions

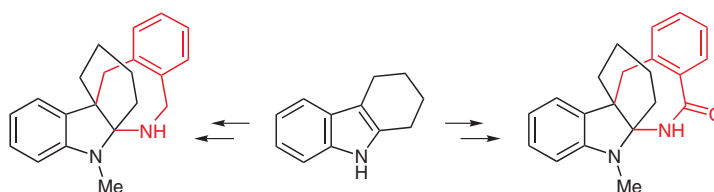


- 3115** B. H  lal  
F. Ferreira\*  
C. Botuha  
F. Chemla\*  
A. P  rez-Luna



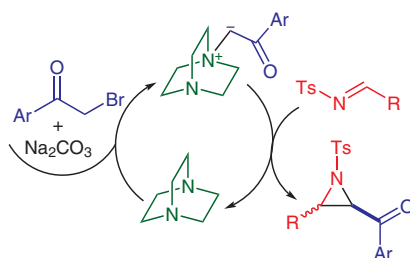
- 3119** J. Solovjova  
V. Martynaitis  
S. Mangelinckx  
W. Holzer  
N. De Kimpe  
A.   a  kus\*

**Synthesis and Ring Opening of Alkaloid-Type Compounds with a Novel Indolo[2,3-*c*] [2]benzazepine Skeleton**



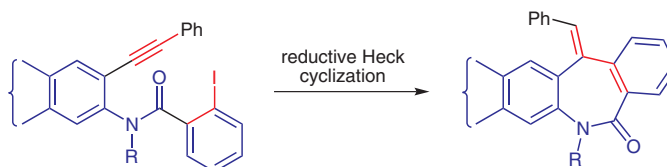
- 3123** L. D. S. Yadav\*  
R. Kapoor  
Garima

**Organocatalytic Stereoselective Aziridination of Imines via Ammonium Ylides**



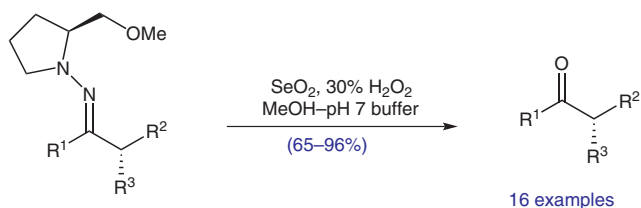
- 3127** K. C. Majumdar\*  
S. Chakravorty  
T. Ghosh  
B. Sridhar

**Palladium-Mediated Reductive Heck Cyclization for the Formation of Dibenzoazepinone Framework**



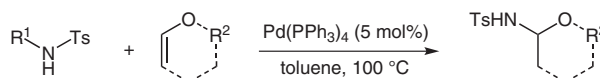
- 3131** A. B. Smith III\*  
Z. Liu  
V. Simov

**An Efficient Protocol for the Oxidative Hydrolysis of Ketone SAMP  
Hydrazone Employing SeO<sub>2</sub> and H<sub>2</sub>O<sub>2</sub> under Buffered (pH 7) Conditions**



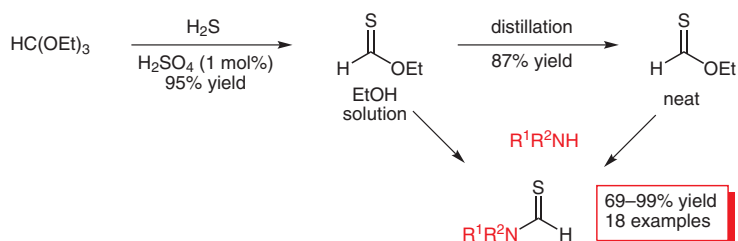
- 3135** N. K. Pahadi\*  
J. A. Tunge\*

**Catalytic Intermolecular Hydroamination of Vinyl Ethers**



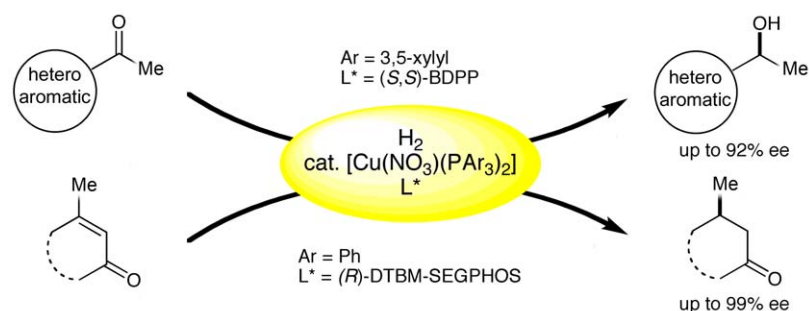
- 3139** C. J. Borths\*  
J. Chan\*  
B. J. Burke  
R. D. Larsen

**Synthesis of *O*-Ethyl Thioformate: A Useful Reagent for the Thioformylation of Amines**



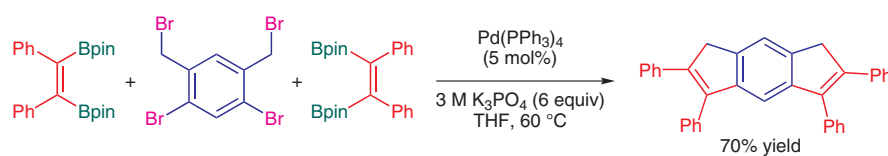
- 3143** H. Shimizu\*  
T. Nagano  
N. Sayo  
T. Saito  
T. Ohshima\*  
K. Mashima\*

**Asymmetric Hydrogenation of Heteroaromatic Ketones and Cyclic and Acyclic Enones Mediated by Cu(I)–Chiral Diphosphine Catalysts**



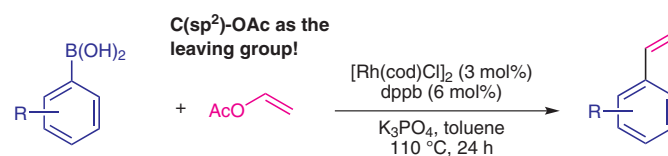
- 3147** M. Shimizu\*  
Y. Tomioka  
I. Nagao  
T. Hiyama

**Palladium-Catalyzed Double Cross-Coupling Reaction of *vic*-Diborylalkenes and -arenes with *vic*-Bromo(bromomethyl)arenes**



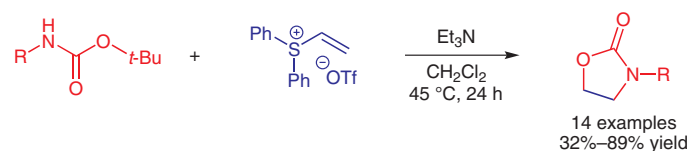
- 3151** H. W. Lee  
F. Y. Kwong\*

**Rhodium-Catalyzed Cross-Coupling of Arylboronic Acids Using Vinyl Acetate as the Electrophilic Partner**



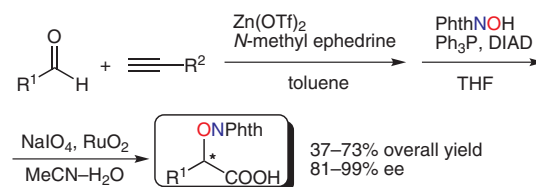
- 3155** C. Xie  
D. Han  
J. Liu\*  
T. Xie\*

**Novel Syntheses of *N*-Aryloxazolidin-2-ones via Tandem Reactions of Vinyl Sulfonium Salts**

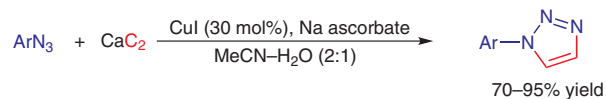


- 3159** X.-W. Chang  
D.-W. Zhang\*  
F. Chen  
Z.-M. Dong  
D. Yang\*

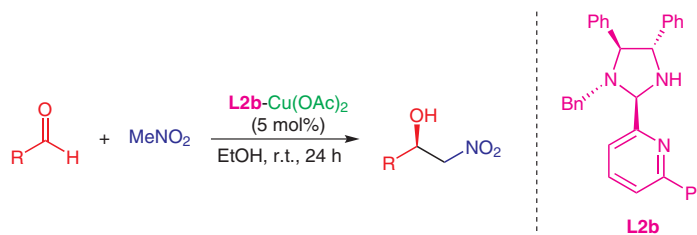
**A Concise Asymmetric Route to Chiral  $\alpha$ -Aminoxy Acids**



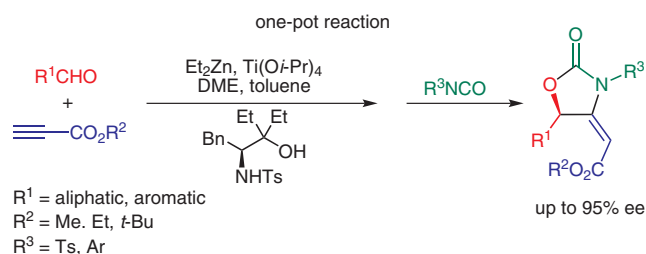
- 3163** Y. Jiang  
C. Kuang\*  
Q. Yang
- The Use of Calcium Carbide in the Synthesis of 1-Monosubstituted Aryl 1,2,3-Triazole via Click Chemistry**



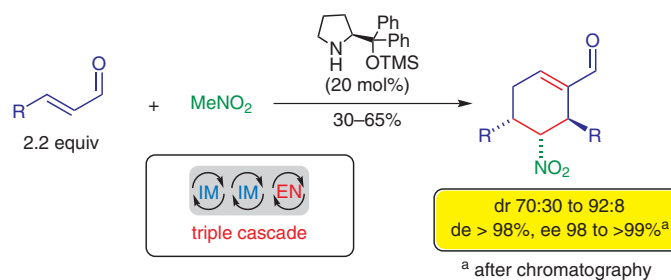
- 3167** T. Arai\*  
K. Suzuki
- Design and Synthesis of Chiral Imidazolidine-Pyridine Ligands**



- 3171** N. Kojima\*  
S. Nishijima  
T. Tanaka\*
- One-Pot, Three-Component Synthesis of Chiral 4-Alkylidene-2-oxazolidinones**

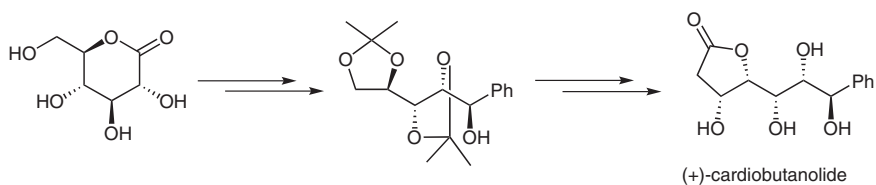


- 3175** D. Enders\*  
M. Jeanty  
J. W. Bats
- Organocatalytic Asymmetric Triple Domino Reactions of Nitromethane with  $\alpha,\beta$ -Unsaturated Aldehydes**



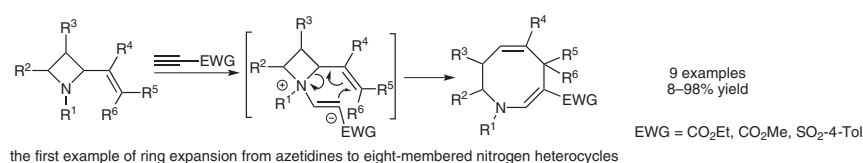
3179 J. S. Yadav\*  
B. Madhavarao  
K. S. Rao

### Total Synthesis of (+)-Cardiobutanolide through a Carbohydrate-Based Approach



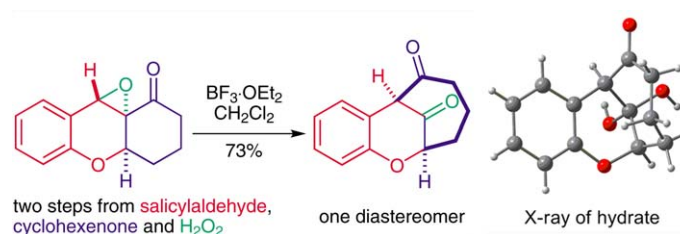
3182 B. Drouillat  
F. Couty\*  
V. Razafimahalo

### Ring Expansion of 2-Alkenyl Azetidines into Unsaturated Azocanes



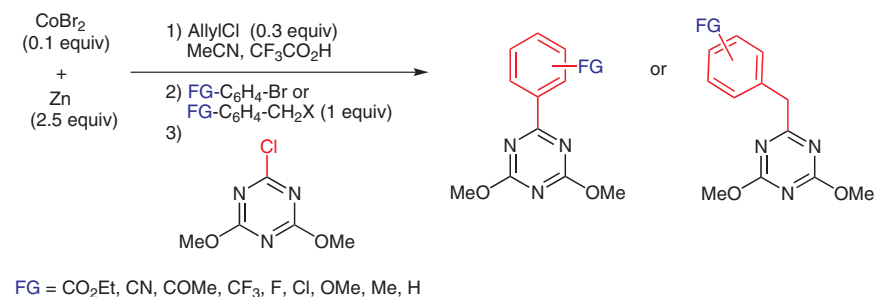
3187 H. Sahin  
M. Nieger  
C. F. Nising  
S. Bräse\*

### Functionalization of Highly Oxygenated Xanthenes: Unexpected Stereochemistry and Rearrangements

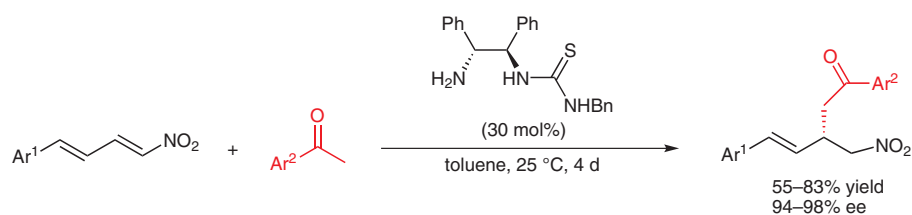


3192 J. M. Bégouin  
S. Claudel  
C. Gosmini\*

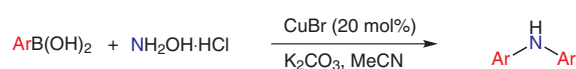
### Cobalt-Catalyzed Arylation or Benzylation of 2-Chloro-4,6-dimethoxy-1,3,5-triazine



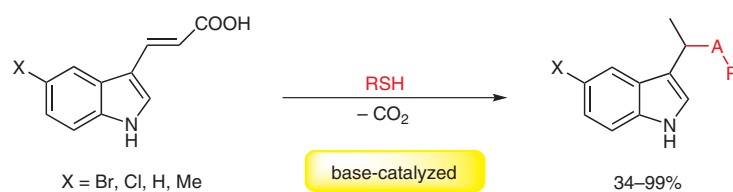
**3195** T. He  
J.-Y. Qian  
H.-L. Song  
X.-Y. Wu\* **Enantioselective Organocatalytic Conjugate Addition of Aromatic Ketones to Nitrodiene**



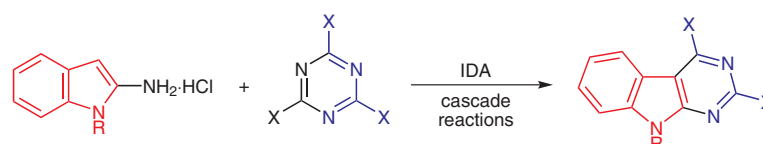
**3198** C. Zhou  
D. Yang  
X. Jia  
L. Zhang  
J. Cheng\* **The Use of Hydroxylamine Hydrochloride in the Chan–Lam Reaction: A Simple Access to Symmetric Diarylamines**



**3201** S. Gao  
C. Tseng  
B. R. Raju  
C. H. Tsai  
C.-F. Yao\* **Base-Catalyzed Conjugate Addition of Thiols to Indolyl Acrylic Acids and in situ Decarboxylation: An Expedient Synthesis of Functionalized 3-(1-Thio)ethyl-1*H*-indoles**

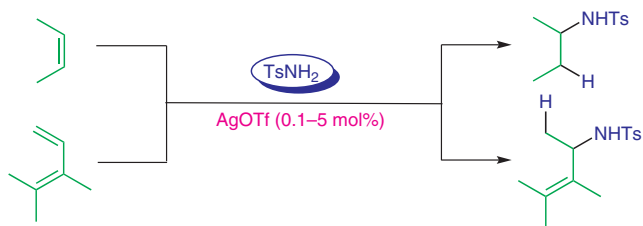


**3206** G. Xu  
L. Zheng  
S. Wang  
Q. Dang\*  
X. Bai\* **Regiospecific Syntheses of 3-Aza- $\alpha$ -carbolines via Inverse Electron-Demand Diels–Alder Reactions of 2-Aminoindoles with 1,3,5-Triazines**



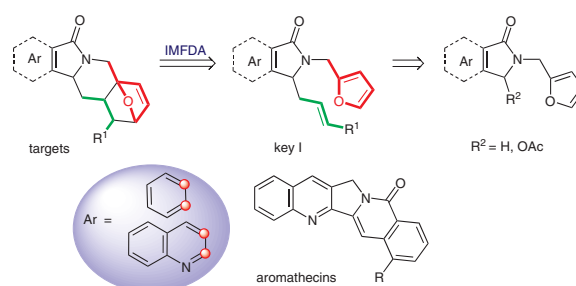
3211 X. Giner  
C. Nájera\*

### Silver-Catalyzed Intermolecular Hydroamination of Alkenes and 1,3-Dienes



3214 F. Pin  
S. Comesse  
A. Daïch\*

### Association of Intramolecular Furan Diels–Alder Reaction and *N*-Acyliminium Alkylation for the Synthesis of Pentacyclic Precursor of Aromathecins



3219 Compiled by  
U. Sharma

### Silica-Supported Perchloric Acid ( $\text{HClO}_4\text{-SiO}_2$ )

3221 Compiled by  
C. Vaxelaire

### Petasis Reagent

## 3223

## Errata

## XV

## Forthcoming Articles

## Author Index

- Arai, T. 3167  
 Aslam, T. 3099
- Bai, X. 3206  
 Bats, J. W. 3175  
 Bégouin, J. M. 3192  
 Borths, C. J. 3139  
 Botuha, C. 3115  
 Bräse, S. 3187  
 Brown, J. M. 3103  
 Burke, B. J. 3139
- Chakravorty, S. 3127  
 Chan, J. 3139  
 Chang, X.-W. 3159  
 Chemla, F. 3115  
 Chen, F. 3159  
 Cheng, J. 3198  
 Claudel, S. 3192  
 Comesse, S. 3214  
 Conway, S. J. 3099  
 Couty, F. 3053, 3182
- Daïch, A. 3214  
 Dang, Q. 3206  
 De Kimpe, N. 3119  
 Dong, Z.-M. 3159  
 Drouillat, B. 3182
- Enders, D. 3175  
 Estévez, J. C. 3107  
 Estévez, R. J. 3107  
 Evano, G. 3053
- Ferreira, F. 3115  
 Florence, G. J. 3099
- Gao, S. 3201  
 Garima 3123  
 Ghosh, T. 3127  
 Giner, X. 3211  
 Gosmini, C. 3192
- Haberhauer, G. 3082  
 Han, D. 3155  
 He, T. 3195  
 Héral, B. 3115  
 Hiyama, T. 3147  
 Holzer, W. 3119
- Jeanty, M. 3175  
 Jia, X. 3198  
 Jiang, Y. 3163
- Kapoor, R. 3123  
 Kojima, N. 3171  
 Kouklovsky, C. 3065  
 Kuang, C. 3163  
 Kwong, F. Y. 3151
- Langlois, Y. 3065  
 Larsen, R. D. 3139  
 Lee, H. W. 3151  
 Liu, J. 3155  
 Liu, Z. 3131
- Madhavarao, B. 3179  
 Majumdar, K. C. 3127  
 Mandal, S. 3111  
 Mangelinckx, S. 3119  
 Martynaitis, V. 3119  
 Mashima, K. 3143
- Miller, G. J. 3099  
 Milne, G. D. S. 3099  
 Mukhopadhyay, B. 3111
- Nagano, T. 3143  
 Nagao, I. 3147  
 Nájera, C. 3211  
 Nieger, M. 3187  
 Nishijima, S. 3171  
 Nising, C. F. 3187
- Ohshima, T. 3143
- Pahadi, N. K. 3135  
 Pérez-Luna, A. 3115  
 Pin, F. 3214  
 Pintér, A. 3082
- Qian, J.-Y. 3195
- Raju, B. R. 3201  
 Rao, K. S. 3179  
 Rauf, W. 3103  
 Razafimahaléo, V. 3182  
 Reboredo, F. J. 3107
- Šačkus, A. 3119  
 Sahin, H. 3187  
 Saito, T. 3143  
 Salas, C. O. 3107  
 Sayo, N. 3143  
 Sharma, N. 3111  
 Sharma, U. 3219  
 Shimizu, H. 3143  
 Shimizu, M. 3147  
 Simov, V. 3131
- Smith, A. B., III 3131  
 Solovjova, J. 3119  
 Song, H.-L. 3195  
 Sridhar, B. 3127  
 Suzuki, K. 3167
- Tanaka, T. 3171  
 Tapia, R. A. 3107  
 Tomioka, Y. 3147  
 Tsai, C. H. 3201  
 Tseng, C. 3201  
 Tunge, J. A. 3135
- Vaxelaire, C. 3221
- Wang, S. 3206  
 Wu, X.-Y. 3195
- Xie, C. 3155  
 Xie, T. 3155  
 Xu, G. 3206
- Yadav, J. S. 3179  
 Yadav, L. D. S. 3123  
 Yang, D. 3159  
 Yang, D. 3198  
 Yang, Q. 3163  
 Yao, C.-F. 3201
- Zhang, D.-W. 3159  
 Zhang, L. 3198  
 Zheng, L. 3206  
 Zhou, C. 3198