

CONCEPTS

Plant Behavior

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M. Erb,* G. Glauser

Family Business: Multiple Members of Major Phytohormone Classes Orchestrate Plant Stress Responses
(Cover picture)

Fluorescent Nanosensors

T. Doussineau,* A. Schulz,
A. Lapresta-Fernandez, A. Moro,
S. Körsten, S. Trupp, G. J. Mohr*

On the Design of Fluorescent Ratiometric Nanosensors



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COMMUNICATIONS

Oxidation

2

K. Möller, G. Wienhöfer, K. Schröder,
B. Join, K. Junge, M. Beller*

Selective Iron-Catalyzed Oxidation of Phenols and Arenes with Hydrogen Peroxide: Synthesis of Vitamin E Intermediates and Vitamin K₃

C–C Coupling

X. Zhao, T. M. Gilbert,
D. W. Stephan*

C–C Coupling by Thermolysis of Alkynyl Phosphonium Borates

Asymmetric Synthesis

R.-F. Yang, P.-Q. Huang*

Studies towards an Enantioselective Total Synthesis of Sarain A: A Concise Asymmetric Construction of the Diazatricyclic Core



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FULL PAPERS

Intermetallic Compounds

3

M. Armbrüster,* W. Schnelle,
R. Cardoso-Gil, Y. Grin

Chemical Bonding in Compounds of the CuAl₂ Family: MnSn₂, FeSn₂ and CoSn₂

Metal–Organic Frameworks

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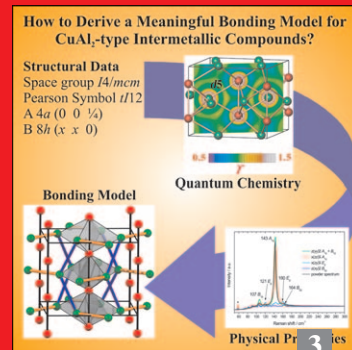
D. N. Dybtsev, M. P. Yutkin,
D. G. Samsonenko, V. P. Fedin,*
A. L. Nuzhdin, A. A. Bezrukov,
K. P. Bryliakov, E. P. Talsi,
R. V. Belosludov, H. Mizuseki,
Y. Kawazoe, O. S. Subbotin,
V. R. Belosludov

Modular, Homochiral, Porous Coordination Polymers: Rational Design, Enantioselective Guest Exchange Sorption and Ab Initio Calculations of Host–Guest Interactions

Chemotherapeutic Agents

J. E. H. Day, S. Y. Sharp,
M. G. Rowlands, W. Aherne, W. Lewis,
S. M. Roe, C. Prodromou, L. H. Pearl,
P. Workman, C. J. Moody*

Inhibition of Hsp90 with Resorcylic Acid Macrolactones: Synthesis and Binding Studies



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