

# Contents

<b>Large Crystal Growth and New Crystal Exploration of Mid-Infrared Second-Order Nonlinear Optical Materials</b>	1
Xiao-Ming Jiang, Sheng-Ping Guo, Hui-Yi Zeng, Ming-Jian Zhang, and Guo-Cong Guo	
<b>Simulation and Design of Infrared Second-Order Nonlinear Optical Materials in Metal Cluster Compounds</b>	45
Kechen Wu	
<b>The Recent Development of SRS and SRS SF-Conversion Laser Crystal</b>	81
Chaoyang Tu	
<b>Exploration of New Second-Order Nonlinear Optical Compounds Containing Main Group Elements</b>	121
Hua-Jun Zhao, Xin-Tao Wu, and Li-Ming Wu	
<b>Index</b>	135

Structure-Property Relationships in Non-Linear Optical  
Crystals II

The IR Region

Wu, X.-T.; Chen, L. (Eds.)

2012, XIII, 137 p. 92 illus., 46 illus. in color., Hardcover

ISBN: 978-3-642-29620-8