课程名（Coursename）

Organometallic Chemistry

课程代码（Coursenumber）

 5.44

课程对象（Audience）

Graduate

选课前提（prerequisite）

5.43, 5.47, 5.061, or permission of instructor

单元（units）

2-0-4

添加至时间表 （add to schedule）

Begins march 30. Lecture: T EVE (5.30-8 PM) (2-105)

开课教师（Teacher）

S. Buchwald

学期（Semester）

spring term

课程描述（Description）

Examination of the most important transformations of organotransition-metal species. Emphasizes basic mechanisms of their reactions, structure-reactivity relationships, and applications in synthesis.

备注（notes）

H-level Grad Credit

教参信息（Textbookinfo）

1 Organometallic Chemistry by Gary O. Spessard and Gary L. Miessler (Hardcover - Oct. 26, 2009)

Publisher: Oxford University Press, USA; 2 edition (October 26, 2009)

ISBN-13: 978-0195330991

世界各地拥有馆藏的图书馆（OCLC）:99

2 The Organometallic Chemistry of the Transition Metals by Robert H. Crabtree (Hardcover - Apr. 6, 2009)

Publisher: Wiley; 5 edition (April 6, 2009)

ISBN-13: 978-0470257623

世界各地拥有馆藏的图书馆（OCLC）:153

3 Organotransition Metal Chemistry: From Bonding to Catalysis by John Hartwig (Hardcover - Nov. 30, 2009)

Publisher: University Science books; 1 edition (November 30, 2009)

ISBN-13: 978-1891389535

世界各地拥有馆藏的图书馆（OCLC）:100

4 Organometallics by Christoph Elschenbroich (Paperback - Apr. 28, 2006)

Publisher: Wiley-VCH; 3 edition (April 28, 2006)

ISBN-13: 978-3527293902

世界各地拥有馆藏的图书馆（OCLC）:392

5 Organometallic Chemistry and Catalysis by D. Astruc (Hardcover - Sept. 26, 2007)

Publisher: Springer; 1 edition (September 26, 2007)

ISBN-13: 978-3540461289

世界各地拥有馆藏的图书馆（OCLC）:130

6 Applied Organometallic Chemistry and Catalysis (Oxford Chemistry Primers) by Robin Whyman (Paperback - Sept. 6, 2001)

Publisher: Oxford University Press, USA; 1 edition (September 6, 2001)

ISBN-13: 978-0198559177

世界各地拥有馆藏的图书馆（OCLC）:220

7 Organometallic and Coordination Chemistry of the Actinides (Structure and Bonding) by Thomas E. Albrecht-Schmitt (Hardcover - Sept. 10, 2008)

Publisher: Springer; 1 edition (September 10, 2008)

ISBN-13: 978-3540778363

世界各地拥有馆藏的图书馆（OCLC）:107

8 Introduction to Coordination Chemistry (Inorganic Chemistry: A Textbook Series) by Geoffrey A. Lawrance (Paperback - Mar. 1, 2010)

Publisher: Wiley (March 1, 2010)

ISBN-13: 978-0470519318

世界各地拥有馆藏的图书馆（OCLC）:87

9 Advances in Organometallic Chemistry, Volume 58 by Anthony F. Hill and Mark J. Fink (Hardcover - Dec. 15, 2010)

Publisher: Academic Press; 1 edition (December 15, 2010)

ISBN-13: 978-0123747846

世界各地拥有馆藏的图书馆（OCLC）:3

10 Organometallic Chemistry (SPR Organometallic Chemistry) by E.W. Abel (Hardcover - July 1, 2010)

Publisher: Royal Society of Chemistry; 1st Edition. edition (July 1, 2010)

ISBN-13: 978-0851867113

世界各地拥有馆藏的图书馆（OCLC）:9