

Elenco Pubblicazioni Prof. Gian Paolo Chiusoli

G.P. Chiusoli

“La Synthèse d’acides, d’esters et de la diéthylcétone à partir de l’éthylène, de l’oxyde de carbone et de composés à l’hydrogène mobile”.

Chimie & Industrie, **70**, 53 (1953)

G.P. Chiusoli

“Sintesi industriali di composti piridici”

La Chimica e l’Industria, XXXVI, 699 (1954)

G.P. Chiusoli, F. Minisci, A. Quilico

“Ricerche sulla apertura ossidativa di sistemi aliciclici - Nota I. Acidi bibasici C₁₀ derivati dalla decalina”.

Gazz. Chim. Ital. **87**, 90 (1957)

G.P. Chiusoli, F. Minisci, A. Quilico

“Ricerche sulla apertura ossidativa di sistemi aliciclici - Nota II. Acidi bibasici C₉ e C₈ da acidi cicloesanon e ciclopentanonpropionici”.

Gazz. Chim. Ital. **87**, 100 (1957)

G.P. Chiusoli, F. Minisci

“Sulla reattività dei radicali liberi con ossido di carbonio e ossido d’azoto”.

Rend. Accad. Naz. Lincei Classe Sci. Fis. Mat. Nat. Ser. VIII, XXIII, 140 (1957)

G.P. Chiusoli, F. Minisci

“Reazioni radicaliche dell’ossido di carbonio: acidi carbossilici da CO e perossidi”.

Gazz. Chim. Ital. **88**, 43 (1958)

G.P. Chiusoli, F. Minisci

“Reazioni radicaliche dell’ossido d’azoto: acidi azotati da NO e perossidi”.

Gazz. Chim. Ital. **88**, 261 (1958)

G.P. Chiusoli

“Reazioni radicaliche dell’ossido di carbonio: preparazione di semiesteri e di acidi bibasici da perossidi di eteri cicloalifatici”.

Gazz. Chim. Ital. **89**, 1338 (1959)

G.P. Chiusoli

“Reazioni dell’ossido di carbonio: la funzione del nichel carbonile in alcune nuove sintesi”

Gazz. Chim. Ital. **89**, 1332 (1959)

G.P. Chiusoli

“Preparazione della β-vinilacrilammide e dell’acido β-vinilacrilico”

Gazz. Chim. Ital. **89**, 1343 (1959)

G.P. Chiusoli

“Reazioni dei cloroderivati allilici con ossido di carbonio e acetilene. Nota I – Sintesi di composti carbossilici insaturi da cloroderivati allilici e ossido di carbonio”

La Chimica e l’Industria, 41, 503 (1959)

G.P. Chiusoli

“Reazioni dei cloroderivati allilici con ossido di carbonio e acetilene. Nota II – Sintesi di composti carbossilici dienici da cloroderivati allilici, acetilene e ossido di carbonio”

La Chimica e l’Industria, 41, 506 (1959)

G.P. Chiusoli

“Reazioni dei cloroderivati allilici con ossido di carbonio e acetilene. Nota III – Acido 2,3-butadienoico ed acido itaconico da cloruro di propargile”

La Chimica e l’Industria, 41, 513 (1959)

- G.P. Chiusoli
"Sulla reattività dei derivati allilici con nichelcarbonile"
Rend. Accad. Naz. Lincei Classe Sci. Fis. Mat. Nat. Ser. VIII, XXVI, 790 (1959)
- G.P. Chiusoli
"Reazioni dei cloroderivati allilici con ossido di carbonio e acetilene. Nota IV – Acidi dienici da alcoli allilici"
La Chimica e l'Industria, 41, 762 (1959)
- G.P. Chiusoli
"Neuere Synthesen mit Kohlenmonoxyd"
Angew. Chem. **72**, 74 (1960)
- G.P. Chiusoli, S. Merzoni
"Studi sui composti carbossilici insaturi"
La Chimica e l'Industria, 43, 255 (1961)
- G.P. Chiusoli, S. Merzoni
"Reazioni dei derivati allilici con acetilene e ossido di carbonio. Nota V – Un nuovo metodo di carbossilazione catalitica"
La Chimica e l'Industria, 43, 259 (1961)
- G.P. Chiusoli
"Zur Tautomerie der 2,5-Diensäuren"
Angew. Chem. **72**, 750 (1960)
- G.P. Chiusoli
"Reazioni di addizione del gruppo allilico: sintesi di composti β -allilpropionici"
La Chimica e l'Industria, 43, 365 (1961)
- G.P. Chiusoli
"Progressi nelle reazioni organiche con ossido di carbonio"
La Chimica e l'Industria, 43, 638 (1961)
- G.P. Chiusoli, G. Bottaccio
"Effetto dei sostituenti nelle reazioni dei derivati allilici con nichelcarbonile, acetilene ed ossido di carbonio"
La Chimica e l'Industria, 43, 1022 (1961)
- G.P. Chiusoli, G. Bottaccio, A. Cameroni
"Reazioni dei derivati allilici con acetilene e ossido di carbonio. Nota VI – Effetto dei sostituenti"
La Chimica e l'Industria, 44, 131 (1962)
- G.P. Chiusoli
"Processi ossidoriduttivi in chimica organica catalizzati da ioni metallici"
La Chimica e l'Industria, 44, 475 (1962)
- G.P. Chiusoli, G. Bottaccio
"Reazioni del cloruro di allile con alchilacetileni ed ossido di carbonio. Costituzione degli acidi"
La Chimica e l'Industria, 44, 1129 (1962)
- G.P. Chiusoli, S. Merzoni
"Zur Carbonylierung des allyl-chlorids"
Z. Naturforschg. 17b, 850 (1962)
- G.P. Chiusoli, G. Agnès
"Eine neue Synthese des Phenols"
Z. Naturforschg. 17b, 852 (1962)
- G.P. Chiusoli, S. Merzoni
"Reazioni dei derivati allilici con acetilene e ossido di carbonio. Nota VII"
La Chimica e l'Industria, 45, 6 (1963)

- G.P. Chiusoli, G. Cometti
“Duplicazione di derivati allilici con nichel carbonile”
La Chimica e l’Industria, 45, 401 (1963)
- M. Dubini, G.P. Chiusoli, F. Montino
“Trasposizione del bromuro di allile catalizzata da complessi monoalogenati del nichel”
La Chimica e l’Industria, 45, 1237 (1963)
- M. Dubini, G.P. Chiusoli, F. Montino
“Rearrangement, coupling and carboxylation of the allylic group on nickel complexes”
Tetrahedron Lett., n° 24, 1591 (1963)
- G.P. Chiusoli, G. Agnés
“Dienoic acids and phenols: a novel cyclisation reaction”
Proc. Chem. Soc. 1963, 310
- G.P. Chiusoli, G. Agnés, C.A. Ceselli, S. Merzoni
“Studi sui composti carbossilici insaturi. Nota II – Relazioni di isomeria *cis*, *trans* negli esteri della serie 2,5-dienica”
La Chimica e l’Industria, 46, 21 (1964)
- G.P. Chiusoli, G. Agnés
“Studi sui composti carbossilici insaturi. Nota III – Ciclizzazione a fenoli”
La Chimica e l’Industria, 46, 25 (1964)
- G.P. Chiusoli, G. Agnés
“Ciclizzazione di esteri esadienoici con acetilazione del nucleo in orto”
La Chimica e l’Industria, 46, 548 (1964)
- G.P. Chiusoli, G. Agnés
“Ciclizzazione di cloruri di acidi dienoici e meccanismo della reazione di Rosemund”
La Chimica e l’Industria, 46, 548 (1964)
- G.P. Chiusoli, S. Merzoni, G. Mondelli
“Reazioni dei derivati allilici con acetilene e ossido di carbonio. Nota VIII”
La Chimica e l’Industria, 46, 743 (1964)
- G.P. Chiusoli, A. Cameroni
“Anidridi di acidi come intermedi nelle reazioni di carbossilazione”
La Chimica e l’Industria, 46, 1063 (1964)
- G.P. Chiusoli, S. Merzoni, G. Mondelli
“Carboxylation of organic halides with insertion of acetylene: new syntheses of γ -ketoacids and esters”
Tetrahedron Lett. n°38, 2777 (1964)
- G.P. Chiusoli, G. Bottaccio
“Reazioni dei derivati allilici con acetilene e ossido di carbonio. Nota IX – Costituzione di alcuni prodotti ottenuti da acetileni sostituiti”
La Chimica e l’Industria, 47, 165 (1965)
- G.P. Chiusoli, G. Bottaccio, C. Venturello
“Direction of addition and effect of substituents in the reactions of allylic halides with alkynes and nickel carbonyl”
Tetrahedron Lett. n°33, 2875 (1965)
- L. Cassar, G.P. Chiusoli
“New types of carbonylation with insertion of acetylene”
Tetrahedron Lett. n°37, 3295 (1965)
- M. Dubini, F. Montino, G.P. Chiusoli

“Reattività dei complessi allilici del nichel. Nota II – Intermedi nella reazione con olefine attivate: bis 5-esenonitrile nichel”

La Chimica e l'Industria, 47, 839 (1965)

G.P. Chiusoli, G. Bottaccio, C. Venturello

“Reazioni dei derivati allilici con acetilene ed ossido di carbonio. Nota X – Effetto dei sostituenti nelle reazioni con acetilene superiori”

La Chimica e l'Industria, 47, 107 (1966)

L. Cassar, G.P. Chiusoli

“Reazioni dei derivati allilici con acetilene ed ossido di carbonio. Nota XI – Nuove sintesi in solventi chetonici”

La Chimica e l'Industria, 48, 323 (1966)

L. Cassar, G.P. Chiusoli

“Carbonylation with acetylene insertion following the trapping of acyl groups on coordinated ketones or aldehydes”

Tetrahedron Lett. n°25, 2805 (1966)

G. Bottaccio, G.P. Chiusoli

“Malonic half esters from Reformatsky reaction with carbon dioxide”

Chem. & Ind. (London) 1966, 1457

G. Bottaccio, G.P. Chiusoli

“A new method for carboxylating active methylene groups with carbon dioxide”

Chem. Commun. 1966, 618

L. Cassar, G.P. Chiusoli, M. Foà

“Stereospecific character of cyclising carbonylation of allyl halides”

Tetrahedron Lett. n°3, 285 (1967)

L. Cassar, G.P. Chiusoli

“Nickel-catalysed reactions of allyl halides and related compounds”

Angew. Chem. Int. Ed., 6, 124 (1967)

G. Agnès, G.P. Chiusoli

“Studi sui composti carbossilici insaturi. Nota IV – Alcuni aspetti delle reazioni di ciclizzazione di composti esadienoici”

La Chimica e l'Industria, 49, 465 (1967)

G.P. Chiusoli, G. Mondelli

“Un semplice metodo di preparazione del sale di ferro dell'idrocarbonile dicobalto”

La Chimica e l'Industria, 49, 857 (1967)

G.P. Chiusoli, F. Guerrieri

“Una nuova preparazione di laboratorio del ferro carbonile”

La Chimica e l'Industria, 49, 858 (1967)

F. Guerrieri, G.P. Chiusoli

“ π -Allylnickel halides containing tertiary phosphines and carbon monoxide as ligands and their reactions with acetylene and carbon monoxide”

Chem. Commun. 1967, 781

G. Agnès, G.P. Chiusoli

“Studi sui composti carbossilici insaturi. Nota V”

La Chimica e l'Industria, 50, 194 (1968)

L. Cassar, G.P. Chiusoli, M. Foà

“Reazioni di alogeno derivati con acetilene ed ossido di carbonio. Nota XII – Reazioni degli alogenuri di acidi organici”

La Chimica e l'Industria, 50, 515 (1968)

- G. Bottaccio, G.P. Chiusoli
"Malonsäuremonoester aus Essigsäureestern und Kohlendioxid"
Z. Naturforschg. 23b, 561 (1968)
- G. Bottaccio, G.P. Chiusoli
"Selektive Carboxylierung von tautomeren Systemen"
Z. Naturforschg. 23b, 1016 (1968)
- G.P. Chiusoli, C. Venturello, S. Merzoni
"A novel synthesis of dimethyl maleate and dimethyl muconate"
Chem. & Ind. (London) 1968, 977
- F. Guerrieri, G.P. Chiusoli
"Pentacoordinated nickel complexes as intermediates in carbonylation reactions of allyl compounds"
J. Organometal. Chem. 15, 209 (1968)
- G. Agnès, G.P. Chiusoli, G. Cometti
"Stoichiometric dimerisation of acrylonitrile to adiponitrile by a cobalt complex"
Chem. Commun. 1968, 1515
- G.P. Chiusoli, M. Dubini, M. Ferraris, F. Guerrieri, S. Merzoni, G. Mondelli
"A simple method for the carbonylation of allylic halides with insertion of acetylene"
J. Chem. Soc. 1968, 2889
- G.P. Chiusoli
"Coordination et spécificité dans de nouvelles synthèses organiques"
Bull. Soc. Chim. France 1969, n° 4, 1139
- G. Agnès, G.P. Chiusoli, A. Quilico
"A study on the metabolism of some dienoic compounds"
Experientia 25, 912 (1969)
- G.P. Chiusoli, C. Venturello
"The reaction of *o*-carboxybenzenediazonium salts with carbonyl compounds"
Chem. Commun. 1969, 771
- G.P. Chiusoli, S. Merzoni
"Direzione di addizione nell'idrocarbossilazione di idrocarburi insaturi a pressione atmosferica con nichel carbonile"
La Chimica e l'Industria, 51, 612 (1969)
- G. Agnès, G.P. Chiusoli, G. Cometti
"Stoichiometric dimerisation of some activated olefins"
Progress in Organometal. Chem., Proc. Int. Conf. Organometal. Chem., Univ. Bristol, 1969, L2, 27
- G.P. Chiusoli, M. Ferraris, S. Merzoni
"Stereoselective carbonylation of γ -vinyl- γ -lactones on a nickel complex"
Proc. XII Int. Conf. Coord. Chem., Sydney, 1969, 143
- F. Guerrieri, G.P. Chiusoli
"1,4-Diallyl-*cis,cis*-1,3-butadienes from π -allylnickel complexes, allyl halides and acetylene"
J. Organometal. Chem. 19, 453 (1969)
- F. Guerrieri, G.P. Chiusoli
"Duplicazioni stereo selettive su complessi del nichel"
La Chimica e l'Industria, 51, 1252 (1969)
- G.P. Chiusoli
"Stato delle ricerche in Italia nel campo della chimica organica industriale"
Convegno C.N.R., Roma 2-4 aprile 1970, Ricerca Scientifica suppl. A, 1970
G.P. Chiusoli

“The termination step in some nickel-catalyzed organic reactions”

II° International Congress on Metal Carbonyls, Donovaly, 25-28 maggio 1970

G.P. Chiusoli

“Aspetti della catalisi omogenea”

III° Convegno Nazionale di Chimica Inorganica ed Analitica, Bressanone, 27-30 luglio 1970

F. Guerrieri, G.P. Chiusoli

“Selectivity and stereoselectivity in cross-coupling reactions on allyl-nickel complexes”

Inorg. Chim. Acta III° Intern. Symposium on Reactivity and Bonding in Transition Organometallic Compounds, Venice, 8-10 Sept. 1970

G.P. Chiusoli

“Stereoselectivity in organic syntheses involving nickel-coordinated intermediates”

Aspects of Homogeneous Catalysis, R. Ugo Editor, vol. 1, Manfredi, Milano 1970

G. Agnès, G.P. Chiusoli, G. Cometti

“Stereospecific dimerisation of dialkyl maleates to racemic butane-1,2,3,4-tetracarboxylates”

Organometal. Chem. Syn., 1, 93 (1970-71)

G.P. Chiusoli, C. Venturello

“Palladium-catalyzed oxidative methoxylation of phenylhydrazones to (phenylazo)alkyl methyl ethers”

Organometal. Chem. Syn., 1, 203 (1970-71)

L. Cassar, M. Foà, G.P. Chiusoli

“Synthesis of *m*-cresol”

Organometal. Chem. Syn., 1, 302 (1971)

G.P. Chiusoli, S. Merzoni

“A new reaction. Preparation of but-3-enylsuccinic acid by carbonylation of allyl halides with double bond insertion”

Chem. Commun. 1971, 522

G. Bottaccio, G.P. Chiusoli, M. Felicicoli

“Introduzione di anidride carbonica in composti ad idrogeno attivo”

V° Convegno di Chimica Organica, Salice Terme 30 maggio-2 giugno 1971

G.P. Chiusoli

“Catalysis of some insertion reactions by nickel complexes”

XXIII Int. Congresso f Pure and Applied Chemistry, Special Lectures, vol. 6, Butterworths, London, 1971 Convegno di Chimica Organica, Salice Terme 30 maggio-2 giugno 1971

C. Venturello, G.P. Chiusoli

“A novel synthesis of Michaelis' benzo-bis-pyrazolone from diazotised anthranilic acid”

Chem. & Ind. (London) 1971, 1415

G.P. Chiusoli, G. Cometti, S. Merzoni

“Double bond insertion. Synthesis of alkenylsuccinic acids, esters and anhydrides via allylnickel complexes”

Organometal. Chem. Syn., 1, 439 (1972)

C. Venturello, G.P. Chiusoli

“Isocoumarin tricyclic derivatives from benzenediazonium salts”

J. Heterocycl. Chem. 9, 1155 (1972)

G.P. Chiusoli, G. Cometti

“Nickel-catalysed olefin insertion reactions”

Chem. Commun. 1972, 1015

G.P. Chiusoli, F. Gasparoni

“VII. New reactions of organic acids with lithium in hexamethylphosphoric acid triamide”

Gazz. Chim. Ital. 103, 619 (1973)

- G.P. Chiusoli, G. Cometti, V. Bellotti
"57. New olefin and carbon monoxide insertion reactions on nickel catalysts"
Gazz. Chim. Ital. 103, 569 (1973)
- G. Agnès, G.P. Chiusoli, M. Marraccini
"Grignard-type reactions with transition metals: alkylation of carbon compounds in protic solvents"
J. Organometal. Chem. 49, 239 (1973)
- G.P. Chiusoli
"Catalysis of olefin and carbon monoxide insertion reactions"
Acc. Chem. Res. 6, 422 (1973)
- L. Cassar, G.P. Chiusoli, F. Guerrieri
"Synthesis of carboxylic acids and esters by carbonylation reactions at atmospheric pressure using transition metal catalysts"
Synthesis 509 (1973)
- G. Bottaccio, G.P. Chiusoli, M.G. Felicioli
"Organic syntheses on solvent-differentiated ion pairs. Carboxylation with carbon dioxide in aprotic dipolar solvents"
Gazz. Chim. Ital. 103, 105 (1973)
- G.P. Chiusoli, G. Cometti, V. Bellotti
"Olefin and carbon monoxide insertion reactions. III – Reactivity of some olefinic substrates"
Gazz. Chim. Ital. 104, 259 (1974)
- F. Guerrieri, G.P. Chiusoli, S. Merzoni
"Stereoselective coupling reactions of allylnickel complexes"
Gazz. Chim. Ital. 104, 555 (1974)
- G.D. Andreotti, G. Bocelli, P. Sgarabotto, G.P. Chiusoli, F. Guerrieri
"Synthesis and crystal structure of bromo(lutidine)(3-carbomethoxy-2-methyl-allyl)nickel(II)"
Trans. Met. Chem. 1, 220 (1976)
- M.G. Felicioli, G. Bottaccio, G.P. Chiusoli
"A new transcarboxylation reaction"
Gazz. Chim. Ital. 106, 1127 (1976)
- G.P. Chiusoli, F. Gasparoni
"Coupling of lithiated salts of organic acids via a methylene bridge"
Gazz. Chim. Ital. 106, 201 (1976)
- G. Bottaccio, G.P. Chiusoli, M.G. Felicioli, E. Tosi
"The role of activated ion pairs in the phenoxyde ion-catalyzed carboxylation of ketones by carbon dioxide"
Gazz. Chim. Ital. 106, 831 (1976)
- G.P. Chiusoli, G. Cometti, S. Sacchelli, V. Bellotti, G.D. Andreotti, G. Bocelli, P. Sgarabotto
"A new type of nickel-catalyzed stereoselective cycloooligomerization"
Trans. Met. Chem. 1, 147 (1976)

G.P. CHIUSOLI, G. COMETTI, V. BELLOTTI
Organonickel Chemistry of Aroylphosphonates..
Gazz. Chim. Ital., **107**, 217-222 (1977).

- G.P. CHIUSOLI, G. SACCHELLI, B. GIUDICI, G. COMETTI, V. BELLOTTI
Double Bond and Carbon Monoxide Insertion. IV. Synthesis of Alicyclic Compounds, scope and limitations.
Gazz. Chim. Ital., **107**, 241-248 (1977).
- G.P. CHIUSOLI, G. COMETTI, V. BELLOTTI
Ring-forming Deoxygenation of ortho-Substituted Aroylphosphonic Diesters..
J. Chem. Soc. Chem. Commun., , 216-217 (1977).
- G.P. CHIUSOLI, G. SALERNO, F. DALLATOMASINA
Transition Metal-catalysed Rearrangement of Allyl But-3-enoate to Hepta-2,6-dienoic or Hepta-3,6-dienoic Acids..
J. Chem. Soc. Chem. Commun., , 793-794 (1977).
- G.P. CHIUSOLI, M. COSTA, G. PECCHINI, G. COMETTI
Synthesis of Ketones from Aroyl Chlorides and Nickel(0) Complexes..
Trans. Met. Chem., **2**, 270-272 (1977).
- G.P. CHIUSOLI, L. CASSAR
Organic Synthesis via Allylic Complexes of Metal Carbonyls. In "Organic Syntheses via Metal Carbonyls".
I. Wender and P. Pino Eds Wiley, New York, **2**, 289- (1977).
- G. BOTTACCIO, M. MARCHI, G.P. CHIUSOLI
Carboxylation of Organic Substrates with Carbon Dioxide in Hydrocarbon Media..
Gazz. Chim. Ital., **107**, 499-500 (1977).
- G.P. CHIUSOLI, G. COMETTI, G. SACCHELLI, V. BELLOTTI, G.D. ANDREETTI, G. BOCELLI, P. SGARABOTTO
Nickel-catalyzed Stereospecific Cyclocarbonylation of Cyclopentadiene Dimer. Crystal and Molecular Structure of 2(Tetracyclo (5.5.1.02,6.08,12)tridec-9-en-4-yl)propionic Acid..
J. Chem. Soc. Perkin II, , 389-392 (1977).
- M. CATELLANI, G.P. CHIUSOLI, G. SALERNO, F. DALLATOMASINA
A New Catalytic Synthesis of non-Conjugated Alkenynes.
J. Organomet. Chem., **146**, C19-C22 (1978).
- G.P. CHIUSOLI, G. SALERNO, U. BERSELLINI, F. DALLATOMASINA, S. PRESEGLIO
Grignard-type Reactions with Zerovalent Nickel Complexes..
Trans. Met. Chem., **3**, 174-176 (1978).
- U. BERSELLINI, G.P. CHIUSOLI, G. SALERNO
Catalytic Allylation of Phenylhydrazones..
Angew. Chem. Int. Ed. Engl., **17**, 353-354 (1978).
- A. BIAVATI, G.P. CHIUSOLI, M. COSTA, M.G. TERENGGHI
Palladium or Nickel-catalyzed Benzoylation and Phenylation of Methyl Acrylate..
Trans. Met. Chem., **4**, 398-399 (1979).
- G. COMETTI, G.P. CHIUSOLI
Palladium-catalyzed Synthesis of the Cinnamic Methyl Ester from Styrene, Carbon Monoxide and Methanol.
J. Organomet. Chem., **181**, C14-C16 (1979).
- M. CATELLANI, G.P. CHIUSOLI, E. DRADI, G. SALERNO
Nickel-catalyzed Allylation of Norbornene.
J. Organomet. Chem., **177**, C29-C31 (1979).
- G.P. CHIUSOLI, M. COSTA, M.G. TERENGGHI
Michael-type Addition of Monocarboxylic Esters to Acrylic Esters..
Gazz. Chim. Ital., **109**, 95-97 (1979).
- G.P. CHIUSOLI, G. SALERNO, E. BERGAMASCHI, G.D. ANDREETTI, G. BOCELLI, P. SGARABOTTO

Total Synthesis of Steroid Analogues by Organometallic Procedures..
J. Organomet. Chem., **177**, 245-253 (1979).

G.P. CHIUSOLI, G. SALERNO
Synthetic Applications of Organonickel Complexes..
Adv. Organomet. Chem., **17**, 195-253 (1979).

U. BERSELLINI, M. CATELLANI, G.P. CHIUSOLI, W. GIROLDINI, G. SALERNO
Some Cooperative Effects in Catalysis of Carbon-Carbon Bond Formation by Transition Metal Complexes in "Fundamental Research in Homogeneous Catalysis", M. Tsutsui Ed.
Plenum Publ., New York, Vol. 3, , 893-908 (1979).

G.P. CHIUSOLI, E. DRADI, G. SALERNO, G. CAMPARI
Insertion and Cooxidation of Nickel-bonded Methallyl and Norbornene Ligands..
Bull. Soc. Chim. Belg., **89**, 869-873 (1980).

G.P. CHIUSOLI
New Aspects of Organic Syntheses Catalyzed by Group VIII Metal Complexes..
Pure Appl. Chem., **52**, 635-648 (1980).

G.D. ANDREETTI, G. BOCELLI, P. SGARABOTTO, G.P. CHIUSOLI, M. COSTA, M.G. TERENGI, A. BIAVATI
Benzoylation of Methyl Acrylate. Crystal and Molecular Structure of (Methyl-3-benzoylacrylate)bis(triphenylphosphine)nickel(O) Benzene (1:1) Solvate..
Trans. Met. Chem., **5**, 129-134 (1980).

G.P. CHIUSOLI, M. COSTA, M.G. TERENGI, A. MARI
Alkylation of Palladium-Olefin Complexes with Monocarboxylic Esters..
Trans. Met. Chem., **5**, 379-382 (1980).

G.P. CHIUSOLI, W. GIROLDINI, G. SALERNO
Metal-Catalyzed Simultaneous Production of Hydrogen and Alkaline Salts of Organic Acids..
Gazz. Chim. Ital., **110**, 371-373 (1980).

M. CATELLANI, G.P. CHIUSOLI, W. GIROLDINI, G. SALERNO
New Transition Metal Catalyzed C-C Coupling Reactions Initiated by C-X Bond Cleavage and Terminated by H-Transfer.
J. Organomet. Chem., **199**, C21-C23 (1980).

L.P. BATTAGLIA, M. NARDELLI, C. PELIZZI, G. PREDIERI, G.P. CHIUSOLI
Dinitrogen Catalytic Effect on Reduction of Cp₂TiCl₂ by Mn..
J. Organomet. Chem., **209**, C7-C9 (1981).

G.P. CHIUSOLI, M. COSTA, M.G. TERENGI, I. VINAY
Nickel-induced Deviation in the Reaction of Butadiene with Methyl Benzoylacrylate from Cycloaddition to Linear Addition..
Trans. Met. Chem., **6**, 125-126 (1981).

G.P. CHIUSOLI G. SALERNO, W. GIROLDINI, L. PALLINI
Transition Metal-Catalyzed Syntheses of Organic Acids by Chelation-promoted Regioselective Double Bond Insertion..
J. Organomet. Chem., **219**, C16-C20 (1981).

G.P. CHIUSOLI, M. COSTA, L. PALLINI, M.G. TERENGI
Tertiary Amines by Palladium or Nickel-Catalyzed Amination of Ring-containing Allylic Systems..
Trans. Met. Chem., **6**, 317-318 (1981).

M. NARDELLI, C. PELIZZI, G. PREDIERI, G.P. CHIUSOLI
Activation of Chlorobenzene as Phenylating Agent by Means of a Dinitrogen-Molybdenum Complex..
J. Organomet. Chem., **204**, 75-78 (1981).

M. CATELLANI, G.P. CHIUSOLI

Catalytic Activation of Aromatic C-H Bonds.

J. Organomet. Chem., **239**, C35-C37 (1982).

M. CATELLANI, G.P. CHIUSOLI, P. SGARABOTTO

Palladium-Catalyzed Syntheses of Condensed Cyclopentanes. The Crystal and Molecular Structure of 3-Benzylidenepentacyclo[9.2.15,8.11,11.02,10.04,9]pentadecane.

J. Organomet. Chem., **240**, 311-319 (1982).

G.P. CHIUSOLI, M. COSTA, L. PALLINI, M.G. TERENGI

Transition Metal-Catalyzed Sequences of Nucleophilic Addition..

Trans. Met. Chem., **7**, 304-306 (1982).

G.P. CHIUSOLI, L. PALLINI, G. SALERNO

Transition Metal-Catalyzed Synthesis of Octadienoic Acids from Dienes and 3-Butenoic Acids..

J. Organomet. Chem., **238**, C85-C86 (1982).

E. AMARI, M. CATELLANI, G.P. CHIUSOLI, G. SALERNO

Cyclocarbonylation of Organic Unsaturated Substrates with Carbon Monoxide.

Chim. Ind. (Milan), **64**, 240-248 (1982).

G. COMETTI, G.P. CHIUSOLI

Asymmetric Induction in Carbomethoxylation of Vinylaromatics..

J. Organomet. Chem., **236**, C31-C32 (1982).

M. CATELLANI, G.P. CHIUSOLI

One-Pot Palladium-Catalyzed Synthesis of 2,3-Disubstituted Bicyclo[2.2.1]heptanes and Bicyclo[2.2.1]hept-5-enes.

Tetrahedron Lett., **23**, 4517-4520 (1982).

M. CATELLANI, G.P. CHIUSOLI

Competitive Processes in Palladium-Catalyzed C-C Bond Formation.

J. Organomet. Chem., **233**, C21-C24 (1982).

M. CATELLANI, G.P. CHIUSOLI

Catalytic Synthesis of 3,3-Disubstituted Tricyclo [3.2.1.0.2,4]octanes.

Tetrahedron Lett., **24**, 4493-4496 (1983).

G.P. CHIUSOLI, M. COSTA, E. MASARATI, G. SALERNO

Diyne Ring Closure Induced by Palladium-catalyzed Carbonylation..

J. Organomet. Chem., **255**, C35-C38 (1983).

G.P. CHIUSOLI

The Challenge of the Synthesis of Natural Substances by Homogeneous Catalysis..

J. Mol. Catal., **19**, 147-157 (1983).

G.P. CHIUSOLI, L. PALLINI, M.G. TERENGI

Nickel-Catalyzed Cyclo-codimerization of Tetraalkyl-Substituted Dipropargylamines and Alkynes to Dihydroisoindoles..

Trans. Metal Chem., **8**, 189-190 (1983).

L.P. BATTAGLIA, M. NARDELLI, C. PELIZZI, G. PREDIERI, G.P. CHIUSOLI

Carbon Monoxide-induced Disproportionation of Dicyclopentadienyltitanium Chloride Dimer to Dicyclopentadienyltitanium Dicarbonyl and Dicyclopentadienyltitanium Dichloride..

J. Organomet. Chem., **259**, 301-303 (1983).

M. CATELLANI, G.P. CHIUSOLI

The Termination Step in Palladium-Catalyzed Insertion Reactions.

J. Organomet. Chem., **250**, 509-515 (1983).

M. CATELLANI, G.P. CHIUSOLI, C. PELOSO

A New Catalytic Process based on Sequential Insertion of Strained Olefins and Carbon Monoxide into Pd-C Bonds.
Tetrahedron Lett., **24**, 813-816 (1983).

M. CATELLANI, G.P. CHIUSOLI
Palladium-catalyzed Sequential Insertion of Double Bonds Followed by beta-gamma-Cleavage of a C-C Bond.
J. Organomet. Chem., **247**, C59-C62 (1983).

G.P. CHIUSOLI, L. PALLINI, M.G. TERENGI
Cobalt Catalyzed Cyclo-Codimerization of Dipropargylamines and Nitriles to Dihydropyrrrolopyridines..
Trans. Metal Chem., **8**, 250-252 (1983).

F. MINZONI, M. NARDELLI, C. PELIZZI, G. PREDIERI, G.P. CHIUSOLI
Reactions of Mo(N₂)₂(dppe)₂ with Aryl Halides. A New Source of Aryl Radicals..
Gazz. Chim. Ital., **114**, 221-224 (1984).

M. CATELLANI, G.P. CHIUSOLI
Building up Organic Molecules on Metal Centers. II. Carbon-Carbon Bond Formation and C-H Activation. In "Metal Complex Catalysis", H. Pracejus Ed., G.D.R..
Academy of Science, Rostock, Vol. 2, , 66-79 (1984).

G.P. CHIUSOLI, G. COMETTI, M. COSTA, G. SALERNO, R. SANTI
Building up Organic Molecules by Catalytic Reactions on Metal Centers.I. Aspects of Carbonylation Reactions, in
"Metal Complex Catalysis", H. Pracejus Ed..
G.D.R. Academy of Science, Rostock, **2**, 50-65 (1984).

G.P. CHIUSOLI, L. PALLINI, M.G. TERENGI
Different Chemoselectivities in Cobalt(0)- and Cobalt(I)-catalyzed Cyclocotrimerization of C C and C N Triple Bonds..
Trans. Met. Chem., **9**, 360-362 (1984).

M. CATELLANI, G.P. CHIUSOLI
Oxidative Addition, Insertion, Cyclization and Amination in a Palladium-catalyzed Sequence.
J. Organomet. Chem., **275**, 257-262 (1984).

G. BOCELLI, M. CATELLANI, G.P. CHIUSOLI, S. LAROCCA
Palladium-catalyzed C-C Bond Formation Involving Aromatic C-H Activation. X-ray Structure of 5-Nitro-8-(2-[2.2.1]bicycloheptyl)-1,2,3,4,4a,8b-hexahydro-1,4-methanobiphenylene.
J. Organomet. Chem., **265**, C9-C11 (1984).

M. CATELLANI, G.P. CHIUSOLI, A. MARI
Palladium- or Nickel-catalyzed Sequential Reaction of Organic Bromides, Bicyclo[2.2.1]hept-2-ene or
Bicyclo[2.2.1]hepta-2,5-diene and Alkynes.
J. Organomet. Chem., **275**, 129-138 (1984).

G.P. CHIUSOLI, L. PALLINI, M.G. TERENGI
Nickel-catalyzed Synthesis of Cyclooctatetraenes from Substituted Dipropargylamines..
Trans. Met. Chem., **10**, 350-351 (1985).

G.P. CHIUSOLI, M. COSTA, P. PERGREFFI, S. REVERBERI, G. SALERNO
Palladium-catalyzed Carbonylation of Alkynes.II. Aspects of Additive, Oxidative and Reductive Carbonylation..
Gazz. Chim. Ital., **115**, 691-696 (1985).

G. BOCELLI, M. CATELLANI, G.P. CHIUSOLI
Palladium-catalyzed C-C Bond Formation Involving Aromatic C-H Activation. III. Aspects of Aromatic Substitution and Structure of 1-Bromo-3-[3-(2-methylenecyclohex-5-en-1-yl)bicyclo[2.2.1]hept-2-yl]-4-bicyclo[2.2.1]hept-2-ylbenzene..
J. Organomet. Chem., **279**, 225-232 (1985).

L.P. BATTAGLIA, T. BOSELLI, G.P. CHIUSOLI, M. NARDELLI, C. PELIZZI, G. PREDIERI
A Simple Preparation of Mixed Carbonyl Trialkyl Phosphite Complexes of Iron at Room Temperature and Atmospheric Pressure by Reductive Carbonylation of Iron(II) with Manganese Metal..

Gazz. Chim. Ital., **115**, 395-397 (1985).

G.P. CHIUSOLI, M. COSTA, M. GERBELLA, G. SALERNO
Palladium-catalyzed Carbonylation of Alkynes.III. Cyclocarbonylation of 1,6-Diynes..
Gazz. Chim. Ital., **115**, 697-699 (1985).

M. CATELLANI, G.P. CHIUSOLI
Palladium-catalyzed Synthesis of 1,2,3,4,4a,12b-Hexahydro-1,4-methanotriphenylenes.
J. Organomet. Chem., **286**, C13-C16 (1985).

E. AMARI, M. CATELLANI, G.P. CHIUSOLI
A Palladium-catalyzed Cyclocarbonylation Reaction Leading to Synthons for Cyclopentanoid Chemistry.
J. Organomet. Chem., **285**, 383-388 (1985).

M. CATELLANI, G.P. CHIUSOLI, S. RICOTTI, F. SABINI
Palladium-catalyzed C-C Bond Formation Involving Aromatic C-H Activation. IV. New Synthetic Applications of Insertion Reactions Coupled with Intramolecular Aromatic Substitution.
Gazz. Chim. Ital., **115**, 685-689 (1985).

G.P. CHIUSOLI, G. SALERNO
Carbon-carbon Bond Formation using gamma³-allyl complexes. Part 1. gamma³-Allylnickel Complexes.In "The Chemistry of the Metal-Carbon Bond".
F.R. Hartley and S. Patai Eds., J. Wiley, New York, **3**, 143-162 (1985).

M. CATELLANI, G.P. CHIUSOLI, S. RICOTTI
A New Palladium-catalyzed Synthesis of 1,2,3,4,4a,8b-Hexahydro-1,4-methanobiphenylenes and 2-Phenylbicyclo[2.2.1]hept-2-enes.
J. Organomet. Chem., **296**, C11-C15 (1985).

G.P. CHIUSOLI, L. PALLINI, M.G. TERENGGHI
Nickel Amination Catalysts formed from Heterogeneous Phases and their Homogeneous Equivalent..
Trans. Met. Chem., **10**, 47-50 (1985).

M. CATELLANI, G.P. CHIUSOLI
Palladium-catalyzed C-C Bond Formation Reactions Involving Aromatic C-H Activation in "Fundamental Research in Homogeneous Catalysis", A.E. Shilov, Ed.
Gordon and Breach, New York, **5**, 679-690 (1986).

L.P. BATTAGLIA, M. NARDELLI, C. PELIZZI, G. PREDIERI, G.P. CHIUSOLI
Aryl radicals from organometallic sources. Preferential attack on the side chain of toluenes by the o-tolyl radical..
J. Organomet. Chem., **317**, C19-C23 (1986).

L.P. BATTAGLIA, G.P. CHIUSOLI, M. NARDELLI, C. PELIZZI, G. PREDIERI
The Crystal and Molecular Structure of Dicarboxyltris(triethyl phosphite)iron(0)..
Gazz. Chim. Ital., **116**, 207-210 (1986).

G. SALERNO, C. GALLO, G.P. CHIUSOLI, M. COSTA
Rhodium-catalyzed C-C coupling of allenes with 3-Butenoic Acid..
J. Organomet. Chem., **317**, 373-381 (1986).

G. SALERNO, F. GIGLIOTTI, G.P. CHIUSOLI
Rhodium-catalyzed C-C coupling of 1,3-Dienes with 3-Alkenoic Acids..
J. Organomet. Chem., **314**, 231-236 (1986).

M. CATELLANI, G.P. CHIUSOLI, M.A. MAGRI
New Synthesis of Benzindanone Derivatives by Carbonylation and Aromatization of Masked Aromatics.
La Chimica e l'Industria, **68**, 60-62 (1986).

E. AMARI, M. CATELLANI, G.P. CHIUSOLI
Cyclopentanoid Synthesis by Carbonylation with Palladium Complexes.

La Chimica e l'Industria, **68**, 51-52 (1986).

G.P. CHIUSOLI

Group VIII Metal-catalyzed C-C Bond-Forming Sequences..

J. Organomet. Chem., **300**, 57-80 (1986).

G.P. CHIUSOLI, M. COSTA, P. SCHIANCHI, G. SALERNO

Rhodium-catalyzed C-C Bond Formation by Ring Opening of Alkylidenecyclopropanes and insertion of 3-Butenoic acid..

J. Organomet. Chem., **315**, C45-C50 (1986).

G.P. CHIUSOLI

Catalytic C-C Bond Formation by Carbonylation of Organic Substrates.

Trans. Met. Chem., **12**, 89-96 (1987).

G.P. CHIUSOLI, G. SALERNO, M. FOA'

Promotion Effect in Transition Metal Catalyzed Carbonylation Reactions, in "Reactions of Coordinated Ligands", Braterman Ed..

Plenum Press, New York, , 859-865 (1987).

G.P. CHIUSOLI, M. COSTA, S. REVERBERI, G. SALERNO, M.G. TERENGI

Palladium-Catalyzed Carbonylation of Alkynes IV. Trapping of Cyclopentadienones by Dienophiles..

Gazz. Chim. Ital., **117**, 695-700 (1987).

L. BATTAGLIA, D. DELLEDONNE, M. NARDELLI, C. PELIZZI, G. PREDIERI, G.P. CHIUSOLI

The crystal and molecular structure of bisdiphenylphosphinoethanetricarbonyliron(0)..

J. Organomet. Chem., **330**, 101-106 (1987).

G. BOCELLI, G.P. CHIUSOLI, M. COSTA, L. FAMBRI

Fragmentation and rearrangement of carbonyl-bridged compounds. Synthesis and crystal structure of new spirocycles containing azetidine rings..

J. Chem. Soc., Chem. Commun., , 1182-1183 (1987).

G.P. CHIUSOLI

Group VIII metal-catalyzed organic syntheses via metallacyclic intermediates..

J. Mol. Cat., **41**, 75-78 (1987).

G.P. CHIUSOLI, M. COSTA, L. MELLI

Rhodium-catalyzed C-C coupling reactions involving ring opening of strained molecules II. Addition to olefins and aromatic substitution..

J. Organomet. Chem., **358**, 495-505 (1988).

M. CATELLANI, G.P. CHIUSOLI

Palladium-(II) and -(IV) Complexes as Intermediates in Catalytic C-C Bond-forming Reactions.

J. Organomet. Chem., **346**, C27-C30 (1988).

D. ROBERTO, M. CATELLANI, G.P. CHIUSOLI

Palladium-catalyzed Synthesis of New Bicyclo[2.1.1]hept-2-ene-Carbon Monoxide Copolymers.

Tetrahedron Lett., **29**, 2115-2118 (1988).

M. CATELLANI, G.P. CHIUSOLI, S. CONCARI

A New Palladium Catalyzed Synthesis of cis-,exo-2,3-Diarylsubstituted Bicyclo[2.2.1]heptanes or Bicyclo[2.2.1]hept-2-enes.

Tetrahedron Lett., **45**, 5263-5268 (1989).

G.P. CHIUSOLI, M. COSTA, F. PIVETTI

Rhodium-catalyzed coupling of N-allylamides of organic acids.

J. Organomet. Chem., **373**, 385-389 (1989).

G.P. CHIUSOLI, M. COSTA, F. PIVETTI

Rhodium-catalyzed C-C coupling reactions involving ring opening of strained molecules. III*. Reaction of N-allylamides of organic acid.

J. Organomet. Chem., **373**, 377-384 (1989).

G.P. CHIUSOLI, M. COSTA, S. REVERBERI, M.G. TERENGI
Cobalt(0) catalysed synthesis of N-substituted dihydropyrrolopyridines..

Trans. Met. Chem., **14**, 238-240 (1989).

Z. AN, M. CATELLANI, G.P. CHIUSOLI
Palladium-catalyzed Synthesis of coumarin.

J. Organomet. Chem., **371**, C51-C52 (1989).

G.P. CHIUSOLI, M. COSTA, S. REVERBERI
Synthesis of Pyrrole-3,4-diacetic Acid and Its Derivatives..

Synthesis, , 262-265 (1989).

L.P. BATTAGLIA, D. DELLEDONNE, M. NARDELLI, G. PREDIERI, G.P. CHIUSOLI, M. COSTA, C. PELIZZI
Activation of unsaturated substrates by cobalt complexes. Crystal structure and reactivity of a complex of octacarbonyldicobalt with N-methylbis(alfa,beta-dimethylpropargyl)amine.

J. Organomet. Chem., **363**, 209-222 (1989).

L.P. BATTAGLIA, G.P. CHIUSOLI, D. DELLEDONNE, M. NARDELLI, C. PELIZZI, G. PREDIERI
Reductive Carbonylation of Iron(II) with Manganese Metal. Preparation of Carbonyl Diphosphine Complexes of Iron(0).

Gazz. Chim. Ital., **119**, 345-347 (1989).

Z. AN, M. CATELLANI, G.P. CHIUSOLI
A new Palladium-catalyzed Synthesis of Indoxyl Derivatives.

J. Organomet. Chem., **397**, C31-C32 (1990).

G. SALERNO, M. PANZA, G.P. CHIUSOLI, M. COSTA
Multiple Pathways in Rhodium-Catalyzed Reactions of 1-Alkynes with 3-Butenoic Acid.

J. Organomet. Chem., **394**, 569-581 (1990).

G.P. CHIUSOLI, M. COSTA, A. FIORE
Rhodium-catalysed Diene-Allylamide Coupling Reaction and Palladium Catalysis of Formation of the Active Rhodium Species..

J. Chem. Soc., Chem. Commun., , 1303-1304 (1990).

Z. AN, M. CATELLANI, G.P. CHIUSOLI
Palladium-catalyzed Synthesis of Naturally Occurring Heterocyclic Compounds from ortho-Disubstituted Aromatics.

Rend. Fis. Acc. Lincei, Ser.9, **1**, 285-289 (1990).

Z. ZHOU, L.P. BATTAGLIA, G.P. CHIUSOLI, M. COSTA, M. NARDELLI, C. PELIZZI, G. PREDIERI
Cobalt-catalysed and -uncatalysed Reactions of Diynes with Activated Alkenes..

J. Chem. Soc., Chem. Commun., , 1632-1634 (1990).

Z. AN, M. CATELLANI, G.P. CHIUSOLI
Palladium-catalyzed Synthesis of Aurone from Salicyloyl Chloride and Phenylacetylene.

J. Organomet. Chem., **397**, 371-373 (1990).

M. CATELLANI, G.P. CHIUSOLI, V. FORNASARI
Palladium-catalyzed Carbon-Carbon Coupling Reactions with Tetraarylborates.

Gazz. Chim. Ital., **120**, 779-781 (1990).

Z. AN, M. CATELLANI, G.P. CHIUSOLI
Competitive Pathways in Palladium-catalyzed Reactions of ortho-Halogenophenols. New Syntheses of Heterocyclic Compounds.

Gazz. Chim. Ital., **120**, 383-385 (1990).

D. ROBERTO, M. CATELLANI, G.P. CHIUSOLI, B.E. MANN

Palladium-induced cis,exo Addition of Methoxyl and Bicycloheptyl Groups to Bicyclo[2.2.1]hept-2-ene.
Gazz. Ghim. Ital., **120**, 251-253 (1990).

G.P. CHIUSOLI, M. COSTA, C. PELIZZI

Some Aspects of the Organic Chemistry of Cobalt..
New. J. Chem., **14**, 465-469 (1990).

G.P. CHIUSOLI, M. CATELLANI

Formation of the Carbon-transition and Inner Transition Metal Bond from Carbon Monoxide. In "Inorganic Reactions and Methods", J. Zuckerman, A.P. Hagen Eds, Chapter 5.8.2.12.
Verlag Chemie, Weinheim, , - (1990).

M. CATELLANI, G.P. CHIUSOLI, M. COSTA

Some Palladium-catalyzed Carbon-Carbon Bond Formation Reactions.
Pure and Appl. Chem., **62**, 623-630 (1990).

G.P. CHIUSOLI, M. COSTA, L. DE SOUZA SANTOS

Applications of Carbon Monoxide in the Synthesis of Fine Chemicals. Aromatizing Cyclocarbonylation Reactions..
Rend. Fis. Acc. Lincei, Ser.9, **2**, - (1991).

G.P. CHIUSOLI

Advances in catalytic carbonylation with Transition Metal Complexes in homogeneous phase..
Trans. Met. Chem., **16**, 553-564 (1991).

Z. ZHOU, L.P. BATTAGLIA, G.P. CHIUSOLI, M. COSTA, M. NARDELLI, C. PELIZZI, G. PREDIERI

Reactivity of Cobalt(0) and Cobalt(I) complexes with diynes towards C-C, C-N and C=C bonds-X-ray structure of a cyclopentadienylcobaltacyclopentadiene complex.
J. Organomet. Chem., **417**, 51-63 (1991).

M. CATELLANI, G.P. CHIUSOLI

Changing Selectivity in Palladium-catalyzed Reactions Involving Oxidation State IV. In "Advances in Catalyst Design", M. Graziani and C.N.R. Rao Eds.
World Scientific Publ., Singapore, , 243-253 (1991).

M. CATELLANI, G.P. CHIUSOLI, C. CASTAGNOLI

Changing Selectivity in Palladium-catalyzed Reactions, Involving Oxidation State IV. A new Synthesis from Iodobenzene and Norbornene.
J. Organomet. Chem., **407**, C30-C33 (1991).

M. CATELLANI, G.P. CHIUSOLI

A Simple Direct Synthesis of an Alkylaromatic Palladacycle.
J. Organomet. Chem., **437**, 369-373 (1992).

E. DALCANALE, Z. AN, L.P. BATTAGLIA, M. CATELLANI, G.P. CHIUSOLI

Palladium-Catalyzed Norbornene-Carbon Monoxide Co-Oligomerization Initiated by Aryl Groups and Terminated by Double Bond Formation.
J. Organomet. Chem., **437**, 375-388 (1992).

E. DALCANALE, C. ARENA, M. CATELLANI, G.P. CHIUSOLI

Mesogenic Aromatic Esters with Sulfur-Containing Alkyl Chains.
Liq. Cryst., **12**, 905-912 (1992).

E. BROCATO, C. CASTAGNOLI, M. CATELLANI, G.P. CHIUSOLI

A New Palladium-catalyzed Synthesis of 3-Substituted 2-Aryliden-2,3-dihydro-1H-inden-1-ones.
Tetrahedron Letters, **33**, 7433-7436 (1992).

Z. ZHOU, M. COSTA, G.P. CHIUSOLI

Double Ring Closure of Diacetylenic Compounds with Activated Olefins in the Presence of a Cobalt(0) Catalyst..
J. Chem. Soc., Perkin Trans. 1, , 1399-1406 (1992).

Z. ZHOU, M. COSTA, G.P. CHIUSOLI

Lewis Acid- or Base-catalysed Double Ring Closure of Diacetylenic Compounds with Activated Olefins..
J. Chem. Soc., Perkin Trans. 1, , 1407-1413 (1992).

G.P. CHIUSOLI, M. COSTA, Z. ZHOU

Selectivity Control in Cobalt(0)-catalyzed Cycloaddition Reactions..
Gazz. Chim. Ital., **122**, 441-449 (1992).

B. GABRIELE, M. COSTA, G. SALERNO, G.P. CHIUSOLI

A New Synthesis of Trimethyl Aconitate by Palladium-catalysed Triple Carbonylation of Propynyl Alcohol..
J. Chem. Soc., Chem. Commun., **14**, 1007-1008 (1992).

M. CATELLANI, G.P. CHIUSOLI

Palladacycle Formation by Electrophilic Aromatic Substitution, as Monitored by ¹H NMR Spectroscopy.
J. Organomet. Chem., **425**, 151-154 (1992).

M. COSTA, L. DE SOUZA SANTOS, G.P. CHIUSOLI, B. GABRIELE, G. SALERNO

Palladium-catalyzed Ring Closure to a Naphthofuranoneacetic Ester by Selective Carbonylation of Diacetylenic Precursors..
J. Mol. Cat., **78**, 151-158 (1993).

M. CATELLANI, G.P. CHIUSOLI

The Chemistry of Alkylaromatic Five-Membered Palladacycles.
Gazz. Chim. Ital., **123**, 1-7 (1993).

G.P. CHIUSOLI, M. COSTA, P. SCHIANCHI

Rhodium-Catalyzed Reactions with Strained Olefins. IV. Reaction of Vinylidenecyclopropanes with 3-Butenoic Acid.
Gazz. Chim. Ital., **123**, 687-690 (1993).

M. CATELLANI, G.P. CHIUSOLI, M.C. FAGNOLA, G. SOLARI

A New Palladium-Catalyzed Synthesis of 3,4-Disubstituted Coumarins from 3-Alkenoates of ortho-Iodophenol, Phenylacetylene and Carbon Monoxide..
Tetrahedron Lett., **35**, 5923-5926 (1994).

G.P. CHIUSOLI

Catalisi di Coordinazione ed Autoassemblaggio nelle Reazioni Organiche.
Acc. Naz. Lincei, Convegno Internazionale "Dai Processi Chimici Elementari ai Sistemi Complessi", **Perugia, 29-30 Marzo**, - (1994).

B. GABRIELE, M. COSTA, G. SALERNO, G.P. CHIUSOLI

An Efficient and Selective Palladium-Catalyzed Oxidative Dicarboxylation of Alkynes to Alkyl- or Aryl-maleic Esters.
J. Chem. Soc. Perkin Trans. 1, , 83-87 (1994).

M. CATELLANI, G.P. CHIUSOLI, M.C. FAGNOLA, G. SOLARI

Intramolecular Cyclization of ortho-Iodophenyl 3-Butenoate to 4-Methylcoumarin: Catalysis by Palladium Complexes.
Tetrahedron Lett., **35**, 5919-5922 (1994).

G. BOCELLI, G.P. CHIUSOLI, M. COSTA, M. MICHELOTTI

Control of Regioselectivity by Chelating Substrates in Some Rhodium(I) and Rhodium(III)-catalysed Reactions of Butadiene.
J. Chem. Soc., Perkin Trans 1, , 1347- (1994).

B. GABRIELE, M. COSTA, G. SALERNO, G. P. CHIUSOLI

Stereoselective Synthesis of beta-Lactones Containing alfa-Z-Alkoxy carbonylmethylene Chains by Palladium-catalysed Oxidative Carbonylation of Tertiary alfa-Hydroxyalkynes.
J. Chem. Soc., Chem. Commun., , 1429-1430 (1994).

A. BONARDI, M. COSTA, B. GABRIELE, G. SALERNO, G. P. CHIUSOLI

Coupling of Oxidative and Reductive Processes: Catalytic Carbonylation of Acetals of Prop-2-ynal.
J. Chem. Soc., Chem. Commun., , 2429-2430 (1994).

G. P. CHIUSOLI, M. COSTA, P. SCHANCHI, G. SALERNO
Rhodium-catalysed Reactions with Strained Olefins. V. Reaction of (Methylenecyclopropyl) Benzene with 3-Butenoic Acid.
Gazz. Chim. Ital., **124**, 371-373 (1994).

M. CATELLANI, G.P. CHIUSOLI, M. COSTA
Transition Metal-catalyzed Organic Reactions Promoted by Chelating or Metallacycle-forming Substrates.
J. Organomet. Chem., **500**, 69-80 (1995).

G.P. CHIUSOLI
Catalisi di Coordinazione ed Autoassemblaggio nelle Reazioni Organiche. In "Dai Processi Elementari ai Sistemi Complessi".
Accademia Nazionale dei Lincei, , 137-165 (1995).

B. GABRIELE, G. SALERNO, M. COSTA, G.P. CHIUSOLI
Combined Oxidative and Reductive Carbonylation of Terminal Alkynes with Palladium Iodide-Thiourea Catalysts.
J. Organomet. Chem., **503**, 21-28 (1995).

A. BONARDI, M. COSTA, B. GABRIELE, G. SALERNO, G.P. CHIUSOLI
Versatile Synthesis of β -Lactams, γ -Lactams or Oxazolines by Palladium-Catalyzed Oxidative Carbonylation of 1-Substituted Prop-2-Ynylamines.
Tetrahedron Lett., **36**, 7495-7498 (1995).

M. COSTA, F. SANTOS DIAS, G.P. CHIUSOLI, G.L. GAZZOLA
A New Cyclopentadiene and Its Use as a Ligand for Catalytically Active Rhodium Complexes.
J. Organomet. Chem., **488**, 47-53 (1995).

M. COSTA, G.P. CHIUSOLI, F. SALVADORI, G. BOCELLI
Rhodium(I)-Catalyzed Reactions of Enamides with 1,3-Dienes: Different Synthetic Pathways Depending on Substitution at Nitrogen.
Gazz. Chim. Ital., **125**, 589-594 (1995).

B. GABRIELE, G. SALERNO, M. COSTA, G.P. CHIUSOLI
A Simple Catalytic System for the Substitutive Carbonylation of Allyl Alcohols to β,γ -Unsaturated Acids and Esters..
J. Mol. Cat. A: Chemical, **111**, 43-48 (1996).

M. CATELLANI, G.P. CHIUSOLI
Palladium-catalyzed Ring-forming Reactions of Organic Halides with Unsaturated Substrates and Carbon Monoxide.
Gazz. Chim. Ital., **126**, 57-67 (1996).

M. CATELLANI, G.P. CHIUSOLI, G. MARZOLINI, E. ROSSI
Designing a Catalytic Synthesis of 4-Methylcoumarin from ortho-Iodophenyl 3-Butenoate: Ring Closure and Isomerization Control.
J. Organomet. Chem., **525**, 65-69 (1996).

M. COSTA, G.P. CHIUSOLI, M. RIZZARDI
Base-Catalyzed Direct Introduction of Carbon Dioxide into Acetylene Amines..
J. Chem. Soc. Chem. Commun., , 1699-1700 (1996).

B. GABRIELE, G. SALERNO, F. DE PASCALI, G.T. SCIANO', M. COSTA, G.P. CHIUSOLI
Novel Synthesis of Furon-2-acetic Esters by Palladium-Catalyzed Oxidative Cyclization-Alkoxy-carbonylation of (Z)-2-En-4-yn-1-ols.
Tetrahedron Lett., **38**, 6877-6880 (1997).

B. GABRIELE, G. SALERNO, F. DE PASCALI, M. COSTA, G.P. CHIUSOLI
Stereoselective β - and γ -lactones by Palladium-Catalyzed Oxidative Carbonylation of Alkynols.
J. Chem. Soc., Perkin Trans. 1, , 147-154 (1997).

- A. BACCHI, G.P. CHIUSOLI, M. COSTA, B. GABRIELE, C. RIGHI, G. SALERNO
Palladium-Catalyzed Sequential Carboxylation-Alkoxy carbonylation of Acetylenic Amines.
J. Chem. Soc., Chem. Commun., 1209-1210 (1997).
- G. BOCELLI, M. CATELLANI, G.P. CHIUSOLI, F. CUGINI, B. LASAGNI
Palladium-catalyzed Seven-membered N,O-Heterocycle Ring Formation.
Inorg. Chim. Acta, **270**, 123-129 (1998).
- M. COSTA, G.P. CHIUSOLI, D. TAFFURELLI, G. DALMONEGO
Superbase Catalysis of Oxarolidin-2-one Ring Formation From Carbon Dioxide and Prop-2-yn-1-amines Under Homogeneous or Heterogeneous Conditions.
J. Chem. Soc., Perkin Trans. 1, 1541-1546 (1998).
- M. COSTA, G.P. CHIUSOLI, R. GAETTI, B. GABRIELE, G. SALERNO
Amination of Aryl- and Vinylacetylenic Compounds Catalyzed by Rhodium(I) Complexes.
Russian Chemical Bulletin, **47**, 936-940 (1998).
- A. BACCHI, G.P. CHIUSOLI, M. COSTA, G. SANI, B. GABRIELE, G. SALERNO
Nitrogen Heterocycles by Palladium-Catalyzed Oxidative Cyclization-Alkoxy carbonylation of Acetylenic Ureas.
J. Organomet. Chem., **562**, 35-43 (1998).
- B. GABRIELE, G. SALERNO, F. DE PASCALI, M. COSTA, G.P. CHIUSOLI
An Efficient and General Synthesis of Furan-2-Acetic Esters by Palladium-Catalyzed Oxidative Carbonylation of (Z)-2-en-4-yn-1-ols.
J. Org. Chem., **64**, 7693-7699 (1999).
- B. GABRIELE, G. SALERNO, M. COSTA, G.P. CHIUSOLI
A New Regioselective Synthesis of 3-Substituted Furan-2(5H)-Ones by Palladium-Catalyzed Reductive Carbonylation of Alk-1-yne.
Tetrahedron Lett., **40**, 989-990 (1999).
- G.P. CHIUSOLI, M. COSTA, B. GABRIELE, G. SALERNO
Sequential Reaction of Carbon Dioxide and Carbon Monoxide with Acetylenic Amines in the Presence of a Palladium Catalyst.
J. Molecul. Catalysis A: Chemicals, **143**, 297-310 (1999).
- B. GABRIELE, G. SALERNO, M. COSTA, G.P. CHIUSOLI
Palladium-Catalyzed Formation of Maleic Anhydride From CO, CO₂ and alk-1-yne.
Chem. Commun., 1381-1382 (1999).
- B. GABRIELE, G. SALERNO, F. DE PASCALI, M. COSTA, G.P. CHIUSOLI
Palladium-Catalyzed Synthesis of 2E-[(methoxycarbonyl)methylene]Tetrahydrofurans: Oxidative Cyclization-Methoxycarbonylation of 4-yn-1-ols Versus Cycloisomerization-Hydromethoxylation.
J. Organomet. Chem., **593-594**, 409-415 (2000).
- B. GABRIELE, G. SALERNO, D. BRINDISI, M. COSTA, G.P. CHIUSOLI
Synthesis of 2-Oxazolidinones by Direct Palladium-Catalyzed Oxidative Carbonylation of 2-Amino-1-Alkanols.
Organic Lett., **2**, 625-627 (2001).
- G.P. CHIUSOLI, M. COSTA
Carbonylation processes not involving CO incorporation into a ring, in Handbook of Organopalladium Chemistry for Organic Synthesis.
Editor Negishi Ei-ichi, John Wiley & Sons, Inc., Hoboken N. J., **2**, 2595-2621 (2002).
- GABRIELE, L. VELTRI, G. SALERNO, M. COSTA, G. P. CHIUSOLI
Synthesis of Maleic Anhydrides and Maleic Acids by Pd-Catalyzed Oxidative Dicarboxylation of Alk-1-yne.
Eur. J. Org. Chem., 1722-1728 (2003).
- A. BACCHI, G. P. CHIUSOLI, M. COSTA, E. GIACOBBI

Self-Assembly of Supramolecular Structures from Palladium Chloride and Guanidinium Salts of Pyridinecarboxylic Acids – A Dramatic Change on Passing from the para- to the meta-Substituted Acid.
Eur. J. Org. Chem., , 1523-1528 (2003).

G. P. CHIUSOLI, M. COSTA, L. CUCCHIA, B. GABRIELE, G. SALERNO, L. VELTRI
Carbon dioxide effect on palladium-catalyzed sequential reactions with carbon monoxide, acetylenic compounds and water.
J. Mol. Cat. A: Chemical, **204-205**, 133-142 (2003).

B. GABRIELE, G. SALERNO, M. COSTA, G. P. CHIUSOLI
Recent developments in the synthesis of heterocyclic derivatives by PdI₂-catalyzed oxidative carbonylation Reactions.
J. Organomet. Chem., **687**, 219-228 (2003).

P. M. MAITLIS, A. HAYNES, B. R. JAMES, M. CATELLANI, G. P. CHIUSOLI
Iodide effects in transition metal catalyzed reactions.
Dalton Transactions, , 3409-3419 (2004).

B. GABRIELE, G. SALERNO, M. COSTA, G. P. CHIUSOLI
Recent Advances in the Synthesis of Carbonyl Compounds by Palladium-Catalyzed Oxidative Carbonylation Reactions of Unsaturated Substrates.
Current Organic Chemistry, **8**, 919-946 (2004).

G.P. CHIUSOLI, P.M. MAITLIS, Metal catalysis in Industrial Organic Processes, RSC Publishing Cambridge, 2006.

F. CALDERAZZO, M. CATELLANI, G.P. CHIUSOLI
Carbon-carbon bond formation in “Metal-catalysis in Industrial Organic Processes” G.P. Chiusoli & P.M. Maitlis Eds..
RSC Publishing, Cambridge, 163-200 (2006).

GIAN PAOLO CHIUSOLI
Darwinian evolution and Chemistry
Rend. Fis. Acc. Lincei, **20**, 199-209 (2009).

GIAN PAOLO CHIUSOLI, MARTA CATELLANI, MIRCO COSTA, ELENA MOTTI, NICOLA DELLA CÀ, GIOVANNI MAESTRI
Catalytic carbon-carbon coupling through C-H- arylation of arenes and heteroarenes.
Coordination Chemistry Reviews **254**, 456-469 (2010).