

# Roser Pleixats

## List of Publications by Year in descending order

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139  
papers

5,335  
citations

71102

41  
h-index

106344

65  
g-index

163  
all docs

163  
docs citations

163  
times ranked

4664  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective capture of palladium(II) from highly acidic solution by proline-valinol amide functionalized silica nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129374.	4.7	9
2	Synthesis of triethoxysilylated cyclen derivatives, grafting on magnetic mesoporous silica nanoparticles and application to metal ion adsorption. <i>RSC Advances</i> , 2021, 11, 10777-10784.	3.6	5
3	Recent Advances on Antimicrobial and Anti-Inflammatory Cotton Fabrics Containing Nanostructures. <i>Molecules</i> , 2021, 26, 3008.	3.8	42
4	The synthetic approaches, properties, classification and heavy metal adsorption applications of periodic mesoporous organosilicas. <i>Separation and Purification Technology</i> , 2021, 277, 119453.	7.9	17
5	Functionalized silica nanoparticles: classification, synthetic approaches and recent advances in adsorption applications. <i>Nanoscale</i> , 2021, 13, 15998-16016.	5.6	77
6	Synthesis of Cyclen-Functionalized Ethenylene-Based Periodic Mesoporous Organosilica Nanoparticles and Metal Ion Adsorption Studies. <i>ChemNanoMat</i> , 2020, 6, 1625-1634.	2.8	7
7	Rhodium Nanoparticles Stabilized by PEG-Tagged Imidazolium Salts as Recyclable Catalysts for the Hydrosilylation of Internal Alkynes and the Reduction of Nitroarenes. <i>Catalysts</i> , 2020, 10, 1195.	3.5	6
8	Anti-inflammatory Cotton Fabrics and Silica Nanoparticles with Potential Topical Medical Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 25658-25675.	8.0	20
9	Gold nanoparticles stabilized by PEG-tagged imidazolium salts as recyclable catalysts for the synthesis of propargylamines and the cycloisomerization of $\beta$ -alkynoic acids. <i>New Journal of Chemistry</i> , 2020, 44, 6130-6141.	2.8	17
10	Periodic Mesoporous Organosilica Nanoparticles with BOC Group, towards HIFU Responsive Agents. <i>Molecules</i> , 2020, 25, 974.	3.8	10
11	Preparation and Characterization of Novel Mixed Periodic Mesoporous Organosilica Nanoparticles. <i>Materials</i> , 2020, 13, 1569.	2.9	5
12	Recyclable Mesoporous Organosilica Nanoparticles Derived from Proline-Valinol Amides for Asymmetric Organocatalysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 14815-14828.	6.7	22
13	Antibiotic protected silver nanoparticles for microbicidal cotton. <i>Tetrahedron</i> , 2019, 75, 102-108.	1.9	11
14	Soluble Pt Nanoparticles Stabilized by a Trisimidazolium Tetrafluoroborate as Efficient and Recyclable Catalyst for the Stereoselective Hydrosilylation of Alkynes. <i>ChemistrySelect</i> , 2018, 3, 11486-11493.	1.5	10
15	Nickel Nanoparticles Stabilized by Trisimidazolium Salts: Synthesis, Characterization and Application as Recyclable Catalysts for the Reduction of Nitroarenes. <i>ChemistrySelect</i> , 2018, 3, 8597-8603.	1.5	9
16	Recyclable Silica-Supported Proline Sulphonamide Organocatalysts for Asymmetric Direct Aldol Reaction.. <i>ChemistrySelect</i> , 2016, 1, 6741-6748.	1.5	10
17	Acid Activation in Phenyliodine Dicarboxylates: Direct Observation, Structures, and Implications. <i>Journal of the American Chemical Society</i> , 2016, 138, 12747-12750.	13.7	127
18	Sol-Gel Immobilized N-Heterocyclic Carbene Gold Complex as a Recyclable Catalyst for the Rearrangement of Allylic Esters and the Cycloisomerization of $\beta$ -alkynoic Acids. <i>ChemCatChem</i> , 2016, 8, 2824-2831.	3.7	15

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19	Recyclable organocatalysts based on hybrid silicas. <i>Green Chemistry</i> , 2016, 18, 881-922.	9.0	103
20	Water-soluble Gold Nanoparticles: From Catalytic Selective Nitroarene Reduction in Water to Refractive Index Sensing. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2437-2443.	3.3	23
21	Rhodium Nanoflowers Stabilized by a Nitrogen-rich PEG-tagged Substrate as Recyclable Catalyst for the Stereoselective Hydrosilylation of Internal Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 89-99.	4.3	37
22	Oxidative Breakdown of Iodoalkanes to Catalytically Active Iodine Species: A Case Study in the $\alpha$ -tosyloxylation of Ketones. <i>ChemCatChem</i> , 2014, 6, 468-472.	3.7	12
23	Hydrosilylation of Internal Alkynes Catalyzed by Tris-imidazolium Salt-stabilized Palladium Nanoparticles. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 179-188.	4.3	55
24	Heck, Sonogashira, and Hiyama Reactions Catalyzed by Palladium Nanoparticles Stabilized by Tris-imidazolium Salt. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3001-3008.	2.4	28
25	Rhodium-NHC Hybrid Silica Materials as Recyclable Catalysts for [2+2+2] Cycloaddition Reactions of Alkynes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6242-6251.	2.4	19
26	An Alternative to the Classical $\alpha$ -arylation: The Transfer of an Intact $\alpha$ -iodoaryl from $\text{ArI}(\text{OCCF}_3)_2$ . <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11298-11301.	13.8	102
27	Direct Arylation of Oligonaphthalenes Using $\text{PIFA}/\text{BF}_3 \cdot \text{Et}_2\text{O}$ : From Double Arylation to Larger Oligoarene Products. <i>Journal of Organic Chemistry</i> , 2013, 78, 8169-8175.	3.2	20
28	Silica-immobilized N,O-prolinate ruthenium benzylidene complexes for catalytic applications. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 65, 93-103.	2.4	6
29	Sol-gel immobilized aryl iodides for the catalytic oxidative $\alpha$ -tosyloxylation of ketones. <i>Reactive and Functional Polymers</i> , 2013, 73, 192-199.	4.1	10
30	Catalytic applications of recyclable silica immobilized NHC-ruthenium complexes. <i>Tetrahedron</i> , 2013, 69, 341-348.	1.9	25
31	Nanostructuring of Ionic Bridged Silsesquioxanes. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2235-2241.	3.3	4
32	DFT Study on the Recovery of Hoveyda-Grubbs Type Catalyst Precursors in Enyne and Diene Ring-closing Metathesis. <i>Chemistry - A European Journal</i> , 2013, 19, 14553-14565.	3.3	30
33	Recyclable silica-supported prolinamide organocatalysts for direct asymmetric Aldol reaction in water. <i>Green Chemistry</i> , 2012, 14, 1601.	9.0	60
34	Recyclable Hybrid Silica-based Catalysts Derived from Pd-NHC Complexes for Suzuki, Heck and Sonogashira Reactions. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3625-3635.	2.4	69
35	Palladium Nanoparticles in Suzuki Cross-couplings: Tapping into the Potential of Tris-imidazolium Salts for Nanoparticle Stabilization. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 651-662.	4.3	59
36	Sol-gel immobilized Hoveyda-Grubbs complex through the NHC ligand: A recyclable metathesis catalyst. <i>Journal of Molecular Catalysis A</i> , 2012, 357, 59-66.	4.8	46

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37	Prolinamide bridged silsesquioxane as an efficient, eco-compatible and recyclable chiral organocatalyst. <i>New Journal of Chemistry</i> , 2011, 35, 2766.	2.8	27
38	Imidazolium-derived organosilicas for catalytic applications. <i>Catalysis Science and Technology</i> , 2011, 1, 1544.	4.1	59
39	Stereoselective Synthesis of Unsymmetrical $\hat{I}^2, \hat{I}^2$ -Diarylacrylates by a Heck-Matsuda Reaction: Versatile Building Blocks for Asymmetric Synthesis of $\hat{I}^2, \hat{I}^2$ -Diphenylpropanoates, 3-Aryl-indole, and 4-Aryl-3,4-dihydro-quinolin-2-one and Formal Synthesis of ( $\hat{\alpha}$ )-Indatraline. <i>Journal of Organic Chemistry</i> , 2011, 76, 857-869.	3.2	65
40	Silica and hybrid silica hollow spheres from imidazolium-based templating agents. <i>Journal of Materials Chemistry</i> , 2011, 21, 1058-1063.	6.7	14
41	Mechanistic Insights into Ring-Closing Enyne Metathesis with the Second-Generation Grubbs-Hoveyda Catalyst: A DFT Study. <i>Chemistry - A European Journal</i> , 2011, 17, 7506-7520.	3.3	56
42	Organic-Inorganic Hybrid Silica Material Derived from a Monosilylated Grubbs-Hoveyda Ruthenium Carbene as a Recyclable Metathesis Catalyst. <i>Molecules</i> , 2010, 15, 5756-5767.	3.8	12
43	Water-Soluble Palladium Nanoparticles: Click Synthesis and Applications as a Recyclable Catalyst in Suzuki Cross-Couplings in Aqueous Media. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5090-5099.	2.4	55
44	DFT Mechanistic Study on Diene Metathesis Catalyzed by Ru-Based Grubbs-Hoveyda-Type Carbenes: The Key Role of $\hat{I}$ -Electron Density Delocalization in the Hoveyda Ligand. <i>Chemistry - A European Journal</i> , 2010, 16, 7331-7343.	3.3	78
45	Tsuji-Trost allylations with palladium recovery by phosphines/Pd(0)-triolefinic macrocyclic catalysts. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1231-1236.	1.8	15
46	Direct Assembly of Polyarenes via C-C Coupling Using PIFA/BF <sub>3</sub> ·Et <sub>2</sub> O. <i>Journal of the American Chemical Society</i> , 2010, 132, 17980-17982.	13.7	56
47	Organic-inorganic hybrid silica materials containing imidazolium and dihydroimidazolium salts as recyclable organocatalysts for Knoevenagel condensations. <i>Green Chemistry</i> , 2009, 11, 1815.	9.0	59
48	Water-soluble metal nanoparticles with PEG-tagged 15-membered azamacrocycles as stabilizers. <i>Dalton Transactions</i> , 2009, , 7748.	3.3	30
49	Self-assembled platinum nanoparticles into heavily fluorinated templates: reactive gas effect on the morphology. <i>New Journal of Chemistry</i> , 2009, 33, 1529.	2.8	11
50	Hybrid Organic-Inorganic Materials from Di-(2-pyridyl)methylamine-Palladium Dichloride Complex as Recoverable Catalysts for Suzuki, Heck and Sonogashira Reactions. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 577-590.	4.3	77
51	Recoverable Palladium Catalysts for Suzuki-Miyaura Cross-Coupling Reactions Based on Organic-Inorganic Hybrid Silica Materials Containing Imidazolium and Dihydroimidazolium Salts. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2566-2574.	4.3	44
52	Hybrid silica materials derived from Hoveyda-Grubbs ruthenium carbenes. Electronic effects of the nitro group on the activity and recyclability as diene and enyne metathesis catalysts. <i>Tetrahedron</i> , 2008, 64, 6770-6781.	1.9	38
53	Rate and Mechanism of the Oxidative Addition of Aryl Halides to Palladium(0) Complexes Generated <i>in Situ</i> from a Pd(0)-Trioletin Macrocyclic Complex and Phosphines. <i>Organometallics</i> , 2008, 27, 2421-2427.	2.3	13
54	Ionic Liquid Crystals Based on Mesitylene-Containing Bis- and Trisimidazolium Salts. <i>Langmuir</i> , 2008, 24, 259-265.	3.5	52

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55	Phosphine-Free Perfluoro-Tagged Palladium Nanoparticles Supported on Fluorous Silica Gel: Application to the Heck Reaction. <i>Organic Letters</i> , 2008, 10, 561-564.	4.6	64
56	Formation of nanocomposites of platinum nanoparticles embedded into heavily fluorinated aniline and displaying long range organization. <i>Journal of Materials Chemistry</i> , 2008, 18, 660-666.	6.7	13
57	Hybrid Organic-Inorganic Materials Derived from a Monosilylated Hoveyda-Type Ligand as Recyclable Diene and Enyne Metathesis Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1701-1713.	4.3	48
58	Organic-inorganic hybrid materials containing 15-membered azamacrocyclic triolefinic palladium(0) complexes. <i>Journal of Molecular Catalysis A</i> , 2007, 269, 204-213.	4.8	18
59	15-Membered triolefinic macrocycles as stabilizers of palladium(0) nanoparticles. <i>New Journal of Chemistry</i> , 2006, 30, 1584-1594.	2.8	36
60	Palladium Nanoparticles Entrapped in Heavily Fluorinated Compounds. <i>Chemistry of Materials</i> , 2006, 18, 716-722.	6.7	38
61	Chiral and Stable Palladium(0) Complexes of Polyunsaturated Aza-macrocyclic Ligands: Synthesis and Structural Analysis. <i>Organometallics</i> , 2006, 25, 5612-5620.	2.3	14
62	Hybrid organic-inorganic silica materials containing di(2-pyridyl)methylamine-palladium dichloride complex as recyclable catalysts for Suzuki cross-coupling reactions. <i>Tetrahedron Letters</i> , 2006, 47, 2399-2403.	1.4	53
63	Preparation of a hybrid organic-inorganic material containing macrocyclic triolefinic 15-membered palladium(0) complex. Catalytic activity in Suzuki cross-coupling and butadiene telomerization reactions. <i>Applied Catalysis A: General</i> , 2006, 297, 117-124.	4.3	37
64	Synthesis of Ruthenium Nanoparticles Stabilized by Heavily Fluorinated Compounds. <i>Advanced Functional Materials</i> , 2006, 16, 2008-2015.	14.9	28
65	Hybrid-Bridged Silsesquioxane as Recyclable Metathesis Catalyst Derived from a Bis-Silylated Hoveyda-Type Ligand. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 751-762.	4.3	53
66	Suzuki Cross-Couplings on Aryl (Heteroaryl) Bromides and Chlorides with Bulky Aliphatic Phosphines/Pd(0)-Triolefinic Macrocyclic Catalyst. <i>Synlett</i> , 2006, 2006, 3001-3004.	1.8	29
67	Gold nanoparticles entrapped in heavily fluorinated compounds. <i>Journal of Fluorine Chemistry</i> , 2005, 126, 1435-1438.	1.7	16
68	The Effect of Chloride Ions on the Mechanism of the Oxidative Addition of Cyclic Allylic Carbonates to Pd(0) Complexes by Formation of Neutral [(1-allyl)PdCl <sub>2</sub> ] Complexes. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4277-4286.	2.4	23
69	Palladium Nanoparticles Obtained from Palladium Salts and Tributylamine in Molten Tetrabutylammonium Bromide: Their Use for Hydrogenolysis-Free Hydrogenation of Olefins. <i>ChemInform</i> , 2005, 36, no.	0.0	0
70	Nucleophilic Aromatic Substitution on 4-Fluorophenylsulfonamides: Nitrogen, Oxygen, and Sulfur Nucleophiles. <i>Synlett</i> , 2005, 2005, 449-452.	1.8	1
71	15-Membered Triolefinic Macrocycles, Their Coordination Chemistry with Transition Metals, and the Catalytic Properties of Their Palladium Metal Complexes. <i>ChemInform</i> , 2004, 35, no.	0.0	0
72	A macrocyclic triolefinic palladium(0) complex covalently anchored to a mesostructured silica as active and reusable catalyst for Suzuki cross-coupling reactions. <i>Tetrahedron Letters</i> , 2004, 45, 8789-8791.	1.4	35

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73	Organometallic chemistry of 15-membered tri-olefinic macrocycles: catalysis by palladium(0) complexes in carbon-carbon bond-forming reactions. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 3669-3684.	1.8	49
74	Allylic Substitution Mediated by Water and Palladium: An Unusual Role of a Palladium(II) Catalyst and ESI-MS Analysis. <i>Organometallics</i> , 2004, 23, 4796-4799.	2.3	44
75	Palladium nanoparticles obtained from palladium salts and tributylamine in molten tetrabutylammonium bromide: their use for hydrogenolysis-free hydrogenation of olefins. <i>New Journal of Chemistry</i> , 2004, 28, 1550-1553.	2.8	62
76	15-Membered triolefinic macrocycles, their coordination chemistry with transition metals, and the catalytic properties of their palladium metal complexes. A review.. <i>Arkivoc</i> , 2004, 2004, 109-129.	0.5	28
77	15-Membered Triolefinic Macrocycles: Catalytic Role of (E,E,E)-1,6,11-Tris(arenesulfonyl)-1,6,11-triazacyclopentadeca-3,8,13-triene Complexes of Palladium(0) in the Presence of Phosphanes. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 274-283.	2.4	25
78	Formation of Carbon-Carbon Bonds under Catalysis by Transition-Metal Nanoparticles.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
79	The silicon effect on the regioselectivity of the Tsuji-Trost reaction. Experimental and theoretical approaches. <i>Journal of Organometallic Chemistry</i> , 2003, 687, 337-345.	1.8	13
80	Formation of Carbon-Carbon Bonds under Catalysis by Transition-Metal Nanoparticles. <i>Accounts of Chemical Research</i> , 2003, 36, 638-643.	15.6	591
81	Theoretical Study on the Regioselectivity of Nucleophilic Attack in Silyl-Substituted (Diphosphino)( $\eta$ -3-allyl)palladium Cations. <i>Organometallics</i> , 2002, 21, 2407-2412.	2.3	28
82	Palladium nanoparticles stabilised by polyfluorinated chains. <i>Chemical Communications</i> , 2002, , 60-61.	4.1	35
83	Fluorous Phase Soluble Palladium Nanoparticles as Recoverable Catalysts for Suzuki Cross-Coupling and Heck Reactions. <i>Organometallics</i> , 2001, 20, 4524-4528.	2.3	149
84	The first 1,3-dithiol-2-ylidene donor-acceptor chromophores containing an azine spacer: synthesis, electrochemical and nonlinear optical properties. <i>Journal of Materials Chemistry</i> , 2001, 11, 374-380.	6.7	32
85	15-Membered macrocyclic triolefin: role in recovering active palladium catalyst for the telomerization of butadiene with methanol. <i>Tetrahedron Letters</i> , 2001, 42, 7055-7057.	1.4	28
86	Preparation of nitrogen-containing 20-membered tetraolefinic macrocycles: (E,E,E)-1,6,11,16-tetra(arylsulfonyl)-1,6,11,16-tetraazacycloicosa-3,8,13,18-tetraenes. <i>Tetrahedron Letters</i> , 2001, 42, 9001-9003.	1.4	6
87	Metal complexes of 15-membered triolefinic macrocycles. (E,E,Z)-1,6,11-Tris[(2,4,6-triisopropylphenyl)sulfonyl]-1,6,11-triazacyclopentadeca-3,8,13-triene and its palladium(0), platinum(0), and silver(I) complexes. <i>Tetrahedron Letters</i> , 2001, 42, 4337-4339.	1.4	9
88	The First Transition Metal Complexes of 15-Membered Triolefinic Macrocycles: (E,E,E)-1,6,11-Tris(arenesulfonyl)-1,6,11-triazacyclopentadeca-3,8,13-triene Complexes of Palladium(0), Platinum(0), and Silver(I). <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 1999-2006.	2.0	26
89	Preparation of Nitrogen-Containing 15-Membered Triolefinic Macrocycles: (E,E,E)-1,6,11-Tris(arylsulfonyl)-1,6,11-triazacyclopentadeca-3,8,13-trienes. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 329-337.	2.4	36
90	Preparation of Tricyclic and Tetracyclic Benzoxepin Derivatives by One-Pot Enyne Metathesis/Diels-Alder Reaction. <i>Synlett</i> , 2001, 2001, 1784-1786.	1.8	48

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91	Palladium(0) Complexes of a 15-Membered Macrocyclic Triolefin as a Recoverable Catalyst - Monomer- and Polystyrene-Anchored Versions. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 239-243.	2.4	53
92	Oxidative Addition of Allylic Carbonates to Palladium(0) Complexes: Reversibility and Isomerization. <i>Chemistry - A European Journal</i> , 2000, 6, 3372-3376.	3.3	50
93	Copper(I) Oxide Mediated Perfluoroalkylation of Anilines. <i>Synlett</i> , 1999, 1999, 1996-1998.	1.8	14
94	Application of matrix-assisted laser desorption/ionization time-of-flight mass spectrometry to the structure determination of medium and large macrocycles formed by palladium(0)-catalyzed allylation of arenesulfonamides, sulfamide, and cyanamide. , 1999, 13, 2359-2365.		3
95	Palladium(0)-Catalyzed Reaction of Acidic Anilines with (Z)-2-Butene-1,4-diyl Dicarboxylate " Preparation of N-Aryl-4-vinylloxazolidin-2-ones. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 181-186.	2.4	11
96	Density Functional Study on the Regioselectivity of Nucleophilic Attack in 1,3-Disubstituted (Diphosphino)( $\eta$ -3-allyl)palladium Cations. <i>Organometallics</i> , 1999, 18, 4934-4941.	2.3	48
97	Electrospray Ionization Mass Spectrometry Detection of Intermediates in the Palladium-Catalyzed Oxidative Self-Coupling of Areneboronic Acids. <i>Journal of Organic Chemistry</i> , 1999, 64, 3592-3594.	3.2	100
98	3-Aryl and 5-aryl-4-methoxy-6-methyl-2H-pyran-2-ones by Suzuki cross-coupling reactions of 3- and 5-halogeno-4-methoxy-6-methyl-2H-pyran-2-ones. <i>Tetrahedron</i> , 1998, 54, 7813-7818.	1.9	29
99	Palladium(0)-catalyzed allylation of highly acidic and non-nucleophilic arenesulfonamides, sulfamide, and cyanamide. I. <i>Tetrahedron</i> , 1998, 54, 14869-14884.	1.9	40
100	Palladium(0)-catalyzed allylation of highly acidic and non-nucleophilic arenesulfonamides, sulfamide, and cyanamide. II. Formation of medium and large heterocycles. <i>Tetrahedron</i> , 1998, 54, 14885-14904.	1.9	33
101	Highly diastereoselective monoalkylation and Michael addition of N-(diphenylmethylene)glycinesultam under solid-liquid phase-transfer catalysis conditions using potassium carbonate as base. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 1967-1977.	1.8	33
102	Palladium(0)-Catalyzed Allylation of Highly Acidic and Nonnucleophilic Anilines. The Origin of Stereochemical Scrambling When Using Allylic Carbonates. <i>Journal of Organic Chemistry</i> , 1998, 63, 6160-6166.	3.2	55
103	Stereospecific Preparation of (E) and (Z)-3,3-Diarylacrylonitriles by Heck Reaction. <i>Synlett</i> , 1997, 1997, 1157-1158.	1.8	30
104	Preparation and NMR Spectroscopy of (1,2-Bis(diphenylphosphino)ethane)( $\eta$ -3-1,3-diarylallyl)- palladium Tetrafluoroborates. Correlation of Chemical Shifts with Hammett Substituent Constants and with the Regioselectivity of Nucleophilic Attack. <i>Organometallics</i> , 1997, 16, 205-209.	2.3	30
105	Preparation, antimicrobial evaluation, and mutagenicity of [2-hydroxyaryl]-[1-methyl-5-nitro-1H-2-imidazolyl]methanols, [5-tert-Butyl-2-methylaminophenyl]-[1-methyl-5-nitro-1H-2-imidazolyl]methanol, and [2-Hydroxyaryl]-[1-methyl-5-nitro-1H-2-imidazolyl] ketones. <i>Bioorganic and Medicinal Chemistry</i> , 1997, 5, 1959-1968.	3.0	5
106	Structural NMR Studies on Aryl-Substituted $\eta$ -Allyl-Pd(II) Complexes by Concerted Use of Gradient-Based Experiments. , 1997, 35, 227-236.		18
107	Palladium-Catalyzed Suzuki-Type Self-Coupling of Arylboronic Acids. A Mechanistic Study. <i>Journal of Organic Chemistry</i> , 1996, 61, 2346-2351.	3.2	320
108	(1-(Dimethylamino)-2-(diphenylphosphino)ethane)( $\eta$ -3-1-arylallyl)palladium Tetrafluoroborates. Preparation, Isomeric Equilibria, and Correlations of NMR Chemical Shifts with Hammett Substituent Constants. <i>Journal of Organic Chemistry</i> , 1996, 61, 758-763.	3.2	24

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109	Non-Catalyzed C-Alkylation of Phenols With Cyclic Secondary Alkyl Bromides. Synthetic Communications, 1996, 26, 3885-3895.	2.1	9
110	Ethyl N-(diphenylmethylene)glycinate as anionic glycine equivalent. Monoalkylation, dialkylation and Michael additions under solid-liquid phase-transfer catalysis. Tetrahedron, 1996, 52, 8365-8386.	1.9	33
111	Palladium(0)-catalysed allylation of uracils and thioracils. Influence of the solvent on the regioselectivity of the allylation. Tetrahedron, 1996, 52, 9521-9534.	1.9	30
112	Stereospecific preparation of ethyl (E) and (Z)-3-aryl-e-phenylpropenoates by heck reaction. Tetrahedron Letters, 1996, 37, 7449-7452.	1.4	79
113	Preparation, antimicrobial evaluation and mutagenicity of differently substituted [2-hydroxyaryl]-[1-methyl-5-nitro-1H-2-imidazolyl]methanols. Bioorganic and Medicinal Chemistry Letters, 1996, 6, 1781-1784.	2.2	4
114	Palladium(0)-Catalyzed Allylation of Ambident Nucleophilic Aromatic Heterocycles. Advances in Heterocyclic Chemistry, 1996, 66, 73-129.	1.7	18
115	Ethyl N-(diphenylmethylene)glycinate as anionic glycine equivalent transition metal mediated preparation of bicyclic and tricyclic $\alpha,\beta$ -disubstituted $\alpha$ -amino acids and derivatives. Liebigs Annalen, 1995, 1995, 1807-1814.	0.8	11
116	FeCl <sub>3</sub> -catalyzed conjugate addition of secondary amines, imidazole and pyrazole to methyl 2-acetamidoacrylate. Preparation of $\beta$ -dialkylamino- $\alpha$ -alanine and $\beta$ -(N-heteroaryl)- $\alpha$ -alanine derivatives. Tetrahedron, 1995, 51, 8355-8362.	1.9	55
117	Preparation of 1,3-Diarylpropenes by Phosphine-Free Palladium(0)-Catalyzed Suzuki-Type Coupling of Allyl Bromides with Arylboronic Acids. Journal of Organic Chemistry, 1995, 60, 2396-2397.	3.2	99
118	(1,2-Bis(diphenylphosphino)ethane)( $\eta$ -3-1-arylallyl)palladium Tetrafluoroborates. Distribution of the Positive Charge Density by Correlation of NMR Chemical Shifts with Hammett Substituent Constants. Organometallics, 1995, 14, 2463-2469.	2.3	26
119	Palladium-catalyzed allylation of 3-hydroxyisoxazole, 5-isoxazolone and 5-pyrazolone Systems. Tetrahedron, 1994, 50, 515-528.	1.9	30
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