Raul SanMartin

List of Publications by Year
in descending order

106 papers	4,235 citations	71102 41 h-index	123424 61 g-index
144 all docs	144 docs citations	144 times ranked	3824 citing authors

#	Article	IF	Citations
1	Palladium-Catalyzed Domino Cycloisomerization/Double Condensation of Acetylenic Acids with Dinucleophiles. Catalysts, 2022, 12, 127.	3.5	2
2	Metalâ€Catalyzed, Photoâ€Assisted Selective Transformation of Tertiary Alkylbenzenes and Polystyrenes into Carbonyl Compounds. ChemSusChem, 2022, 15, .	6.8	3
3	Iron-catalyzed cascade synthesis of nitrogen polycycles from alkynoic acids and functionalized amines. Environmental Chemistry Letters, 2022, 20, 3421-3427.	16.2	3
4	Direct Arylation in the Presence of Palladium Pincer Complexes. Molecules, 2021, 26, 4385.	3.8	9
5	Optimization of process conditions for nickel-catalyzed selective aerobic O-debenzylation. Applied Catalysis A: General, 2019, 579, 86-90.	4.3	0
6	Aqueous Î±â€Arylation of Monoâ€and Diarylethanone Enolates at Low Catalyst Loading. Advanced Synthesis and Catalysis, 2018, 360, 1711-1718.	4.3	10
7	Aerobic oxidation of secondary benzyl alcohols catalyzed by phosphinite-based palladium pincer complexes. Environmental Chemistry Letters, 2018, 16, 1101-1108.	16.2	9
8	Recent Advances in Homogeneous Metal-Catalyzed Aerobic Câ€“H Oxidation of Benzylic Compounds. Catalysts, 2018, 8, 640.	3.5	23
9	Aerobic Cleavage of Alkenes and Alkynes into Carbonyl and Carboxyl Compounds. ACS Catalysis, 2017, 7, 3050-3060.	11.2	93
10	Efficient copper-free aerobic alkyne homocoupling in polyethylene glycol. Environmental Chemistry Letters, 2017, 15, 157-164.	16.2	6
11	New Copper, Palladium and Nickel Catalytic Systems: An Evolution towards More Efficient Procedures. Chemical Record, 2016, 16, 1082-1095.	5.8	2
12	Palladium NNC Pincer Complex as an Efficient Catalyst for the Cycloisomerization of Alkynoic Acids. Advanced Synthesis and Catalysis, 2016, 358, 3283-3292.	4.3	21
13	Vanadiumâ€Catalyzed Oxidative Debenzylation of Oâ€Benzyl Ethers at ppm Level. Advanced Synthesis and Catalysis, 2016, 358, 3307-3312.	4.3	6
14	An Aerobic Alternative to Oxidative Ozonolysis of Styrenes. Advanced Synthesis and Catalysis, 2016, 358, 1150-1156.	4.3	29
15	Aerobic oxidation at benzylic positions catalyzed by a simple Pd(OAc)₂/bis-triazole system. RSC Advances, 2015, 5, 103210-103217.	3.6	44
16	An outstanding catalyst for the oxygen-mediated oxidation of arylcarbinols, arylmethylene and arylacetylene compounds. Chemical Communications, 2015, 51, 4799-4802.	4.1	50
17	A Further Decrease in the Catalyst Loading for the Palladiumâ€Catalyzed Direct Intramolecular Arylation of Amides and Sulfonamides. Advanced Synthesis and Catalysis, 2015, 357, 1525-1531.	4.3	24
18	Synthesis, Structure, and Catalytic Applications for ortho- and meta-Carboranyl Based NBN Pincer-Pd Complexes. Inorganic Chemistry, 2014, 53, 9284-9295.	4.0	57

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19	Copper Pincer Complexes as Advantageous Catalysts for the Heteroannulation of orthoâ€Halophenols and Alkynes. Advanced Synthesis and Catalysis, 2014, 356, 2070-2080.	4.3	38
20	Direct access to pyrazolo(benzo)thienoquinolines. Highly effective palladium catalysts for the intramolecular Câ€“H heteroarylation of arenes. Chemical Communications, 2013, 49, 1413.	4.1	19
21	Cesium Carbonateâ€Promoted Hydroamidation of Alkynes: Enamides, Indoles and the Effect of Iron(III) Chloride. Advanced Synthesis and Catalysis, 2012, 354, 3054-3064.	4.3	49
22	Mizorokiï£¿Heck and Sonogashira Crossâ€Couplings Catalyzed by CNC Palladium Pincer Complexes in Organic and Aqueous Media. Helvetica Chimica Acta, 2012, 95, 955-962.	1.6	17
23	Benzofurans from Benzophenones and Dimethylacetamide: Copperâ€Promoted Cascade Formation of Furan O1ï£¿C2 and C2ï£¿C3 Bonds Under Oxidative Conditions. Angewandte Chemie - International Edition, 2012, 51, 3220-3224.	13.8	62
24	Palladium NCN and CNC pincer complexes as exceptionally active catalysts for aerobic oxidation in sustainable media. Green Chemistry, 2011, 13, 2161.	9.0	80
25	An straightforward entry to new pyrazolo-fused dibenzo[1,4]diazepines. Organic and Biomolecular Chemistry, 2011, 9, 2251.	2.8	28
26	â€œOn-waterâ€•Hiyama coupling catalyzed by CNC pincer complexes of Pd(II). Arkivoc, 2011, 2011, 191-199.	0.5	1
27	Amine Exchange/Biaryl Coupling Sequence: A Direct Entry to the Phenanthro[9,10-d]heterocyclic Framework.. ChemInform, 2010, 33, 144-144.	0.0	0
28	Taylor-made palladiumâ€“pincer complexes: A new source of more efficient catalysts for sustainable organic synthesis. Inorganica Chimica Acta, 2010, 363, 1903-1911.	2.4	29
29	Toward Safer Processes for Câˆ’C Biaryl Bond Construction: Catalytic Direct Câˆ’H Arylation and Tin-Free Radical Coupling in the Synthesis of Pyrazolophenanthridines. Journal of Organic Chemistry, 2010, 75, 434-441.	3.2	51
30	Ligand-free copper(i)-catalysed intramolecular direct Câ€“H functionalization of azoles. Organic and Biomolecular Chemistry, 2010, 8, 841-845.	2.8	40
31	Insights into the Role of New Palladium Pincer Complexes as Robust and Recyclable Precatalysts for Suzukiâ€“Miyaura Couplings in Neat Water. Advanced Synthesis and Catalysis, 2009, 351, 2124-2132.	4.3	124
32	Copper(I)-catalyzed S-arylation of thiols with activated aryl chlorides on water. Tetrahedron, 2009, 65, 1500-1503.	1.9	58
33	A convenient approach to the xanthone scaffold by an aqueous aromatic substitution of bromo- and iodoarenes. Tetrahedron, 2009, 65, 5729-5732.	1.9	29
34	Divergent synthesis of isoindolo[2,1-a]indole and indolo[1,2-a]indole through copper-catalysed C- and N-arylations. Tetrahedron Letters, 2009, 50, 2129-2131.	1.4	40
35	An efficient copper-catalytic system for performing intramolecular O-arylation reactions in aqueous media. New synthesis of xanthones. Green Chemistry, 2009, 11, 830.	9.0	42
36	Recent Advances in the Use of Unsymmetrical Palladium Pincer Complexes. Current Organic Chemistry, 2009, 13, 878-895.	1.6	90

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37	Copper-catalyzed intramolecular N-arylation of ureas in water: a novel entry to benzoimidazolones. Tetrahedron, 2008, 64, 7283-7288.	1.9	41
38	Palladium and copper-catalysed arylation reactions in the presence of water, with a focus on carbonâ€“heteroatom bond formation. Chemical Society Reviews, 2008, 37, 639.	38.1	211
39	A Nonsymmetric Pincer-Type Palladium Catalyst In Suzuki, Sonogashira, and Hiyama Couplings in Neat Water. Organometallics, 2008, 27, 2833-2839.	2.3	117
40	A Nonsymmetric Pincer-Catalyzed Suzukiâ^'Miyaura Arylation of Benzyl Halides and Other Nonactivated Unusual Coupling Partners. Journal of Organic Chemistry, 2008, 73, 8448-8451.	3.2	83
41	Applications and Synthesis of the Antiepileptic Drug Oxcarbazepine and Related Structures. Current Organic Chemistry, 2007, 11, 1385-1399.	1.6	5
42	A highly advantageous metal-free approach to diaryl disulfides in water. Green Chemistry, 2007, 9, 315-317.	9.0	26
43	Recyclable copper-catalyst in aqueous media: O- and N-arylation reactions towards the benzofuroindole framework. Green Chemistry, 2007, 9, 219-220.	9.0	29
44	Intramolecular PIFA-Mediated Alkyne Amidation and Carboxylation Reaction. Journal of Organic Chemistry, 2007, 72, 1526-1529.	3.2	97
45	Simple and Efficient Recyclable Catalytic System for Performing Copper-Catalysed S-Arylation Reactions in the Presence of Water. Chemistry - A European Journal, 2007, 13, 5100-5105.	3.3	179
46	On the Phenyliodine(III)-Bis(trifluoroacetate)-Mediated Olefin Amidohydroxylation Reaction. European Journal of Organic Chemistry, 2007, 2007, 437-444.	2.4	33
47	Sequential palladium-catalysed C- and N-arylation reactions as a practical and general protocol for the synthesis of the first series of oxcarbazepine analogues. Tetrahedron, 2007, 63, 690-702.	1.9	32
48	Copper-catalysed intramolecular O-arylation of aryl chlorides and bromides: a straightforward approach to benzo[d]oxazoles in water. Tetrahedron, 2007, 63, 10425-10432.	1.9	90
49	A Metal-Free Approach to the Synthesis of Indoline Derivatives by a Phenyliodine(III) Bis(trifluoroacetate)-Mediated Amidohydroxylation Reaction. Journal of Organic Chemistry, 2006, 71, 8316-8319.	3.2	120
50	On-Water Chemistry:â€‰ Copper-Catalyzed Straightforward Synthesis of Benzo[b]furan Derivatives in Neat WaterÂ§. Organic Letters, 2006, 8, 1467-1470.	4.6	137
51	Novel Alternative for the Nâ^'S Bond Formation and Its Application to the Synthesis of Benzisothiazol-3-ones. Organic Letters, 2006, 8, 4811-4813.	4.6	90
52	Novel Alternative for the Nâ^'N Bond Formation through a PIFA-Mediated Oxidative Cyclization and Its Application to the Synthesis of Indazol-3-onesâ€. Journal of Organic Chemistry, 2006, 71, 3501-3505.	3.2	101
53	An advantageous synthesis of new indazolone and pyrazolone derivatives. Tetrahedron, 2006, 62, 11100-11105.	1.9	50
54	PCP-Bis(phosphinite) pincer complexes: new homogeneous catalysts for Î±-arylation of ketones. Tetrahedron Letters, 2006, 47, 3233-3237.	1.4	59

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55	The Intramolecular Stille-Type and the Oxidative Biaryl Coupling Strategies in the Synthesis of New Phenanthro-Fused Heterocyclic Compounds. ChemInform, 2006, 37, no.	0.0	0
56	Hydrophilic CNC-Pincer Palladium Complexes: A Source for Highly Efficient, Recyclable Homogeneous Catalysts in Suzukiâ€“Miyaura Cross-Coupling. Advanced Synthesis and Catalysis, 2006, 348, 1836-1840.	4.3	112
57	An Efficient, PIFA Mediated Approach to Benzo-, Naphtho-, and Heterocycle-Fused Pyrrolo[2,1-c][1,4]diazepines. An Advantageous Access to the Antitumor Antibiotic DC-81. Journal of Organic Chemistry, 2005, 70, 2256-2264.	3.2	81
58	A New, Expeditious Entry to the Benzophenanthrofuran Framework by a Pd-CatalyzedC- andO-Arylation/PIFA-Mediated Oxidative Coupling Sequence. European Journal of Organic Chemistry, 2005, 2005, 2481-2490.	2.4	50
59	An Efficient, PIFA-Mediated Approach to Benzo-, Naphtho-, and Heterocycle-Fused Pyrrolo[2,1-c][1,4]diazepines. An Advantageous Access to the Antitumor Antibiotic DC-81 (IV).. ChemInform, 2005, 36, no.	0.0	0
60	Direct, Two-Step Synthetic Pathway to Novel Dibenzo[a,c]phenanthridines.. ChemInform, 2005, 36, no.	0.0	0
61	A New, Expeditious Entry to the Benzophenanthrofuran Framework by a Pd-Catalyzed C- and O-Arylation/PIFA-Mediated Oxidative Coupling Sequence.. ChemInform, 2005, 36, no.	0.0	0
62	Expeditious Approach to 5-Aroyl-pyrrolidinones by a Novel PIFA-Mediated Alkyne Amidation Reaction.. ChemInform, 2005, 36, no.	0.0	1
63	N-Heterocyclic NCN-Pincer Palladium Complexes: A Source for General, Highly Efficient Catalysts in Heck, Suzuki, and Sonogashira Coupling Reactions. Synlett, 2005, 2005, 3116-3120.	1.8	3
64	Direct, Two-Step Synthetic Pathway to Novel Dibenzo[a,c]phenanthridines. Journal of Organic Chemistry, 2005, 70, 3178-3187.	3.2	40
65	Expeditious Approach to 5-Aroyl-pyrrolidinones by a Novel PIFA-Mediated Alkyne Amidation Reaction. Organic Letters, 2005, 7, 3073-3076.	4.6	81
66	An Advantageous Route to Oxcarbazepine (Trileptal) Based on Palladium-Catalyzed Arylations Free of Transmetallating Agents. Organic Letters, 2005, 7, 4787-4789.	4.6	62
67	Novel applications of the hypervalent iodine chemistry. Synthesis of thiazolo-fused quinolinones. Arkivoc, 2005, 2002, 31-37.	0.5	16
68	Towards a facile synthesis of triarylethanones: palladium-catalyzed arylation of ketone enolates under homogeneous and heterogeneous conditions. Tetrahedron, 2004, 60, 2393-2408.	1.9	49
69	Iodine(III)-mediated aromatic amidation vs olefin amidohydroxylation. The amide N-substituent makes the difference. Tetrahedron, 2004, 60, 6533-6539.	1.9	46
70	Towards a Facile Synthesis of Triarylethanones: Palladium-Catalyzed Arylation of Ketone Enolates under Homogeneous and Heterogeneous Conditions.. ChemInform, 2004, 35, no.	0.0	0
71	DIBENZO[bf]OXEPINES: SYNTHESES AND APPLICATIONS. A REVIEW. Organic Preparations and Procedures International, 2004, 36, 297-330.	1.3	28
72	Revisiting the Ullmann Ether Reaction: A Concise and Amenable Synthesis of Novel Dibenzoxepino[4,5-d]pyrazoles by Intramolecular Etheration of 4,5-(o,oâ€²-Halohydroxy)arylpyrazoles.. ChemInform, 2003, 34, no.	0.0	0

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73	Toward Safer Methodologies for the Synthesis of Polyheterocyclic Systems: Intramolecular Arylation of Arenes under Mizorokiâ€"Heck Reaction Conditions.. ChemInform, 2003, 34, no.	0.0	0
74	Regioselective Diarylation of Ketone Enolates by Homogeneous and Heterogeneous Catalysis: Synthesis of Triarylethanones.. ChemInform, 2003, 34, no.	0.0	0
75	An Alternative Approach Towards Novel Heterocycle-Fused 1,4-Diazepin-2-ones by an Aromatic Amidation Protocol.. ChemInform, 2003, 34, no.	0.0	0
76	A new and practical PIFA-promoted olefin amidohydroxylation: six- versus five-membered ring formation. Tetrahedron Letters, 2003, 44, 3483-3486.	1.4	43
77	Regioselective diarylation of ketone enolates by homogeneous and heterogeneous catalysis: synthesis of triarylethanones. Tetrahedron Letters, 2003, 44, 5925-5929.	1.4	31
78	An alternative approach towards novel heterocycle-fused 1,4-diazepin-2-ones by an aromatic amidation protocol. Tetrahedron, 2003, 59, 7103-7110.	1.9	32
79	Toward Safer Methodologies for the Synthesis of Polyheterocyclic Systems:â€‰ Intramolecular Arylation of Arenes under Mizorokiâ"Heck Reaction Conditions. Organic Letters, 2003, 5, 1095-1098.	4.6	48
80	Revisiting the Ullmannâ"Ether Reaction:Â A Concise and Amenable Synthesis of Novel Dibenzoxepino[4,5-d]pyrazoles by Intramolecular Etheration of 4,5-(o,oâ€˜-Halohydroxy)arylpyrazoles. Journal of Organic Chemistry, 2002, 67, 7215-7225.	3.2	61
81	Palladium-Catalyzed Arylation of Ketone Enolates:â€‰ An Expeditious Entry to Tamoxifen-Related 1,2,2-Triarylethanones. Organic Letters, 2002, 4, 1591-1594.	4.6	55
82	A Simple Route to New Phenanthro- and Phenanthroid-Fused Thiazoles by a PIFA-Mediated (Hetero)biaryl Coupling Reaction. European Journal of Organic Chemistry, 2002, 2002, 2126.	2.4	41
83	The amine exchange/biaryl coupling sequence: a direct entry to the phenanthro[9,10-d]heterocyclic framework. Tetrahedron, 2002, 58, 3021-3037.	1.9	34
84	A general and efficient PIFA mediated synthesis of heterocycle-fused quinolinone derivatives. Tetrahedron, 2002, 58, 8581-8589.	1.9	48
85	A novel and efficient iodine(III)-mediated access to 1,4-benzodiazepin-2-ones. Tetrahedron Letters, 2002, 43, 8273-8275.	1.4	23
86	Palladiumâ€Catalyzed Arylation of Ketone Enolates: An Expeditious Entry to Tamoxifenâ€Related 1,2,2â€Triarylethanones.. ChemInform, 2002, 33, 85-85.	0.0	0
87	New Perspectives for Iodine (III) Reagents in (Hetero)Biaryl Coupling Reactions. Current Organic Chemistry, 2002, 6, 1433-1452.	1.6	34
88	Novel applications of hypervalent iodine: PIFA mediated synthesis of benzo[c]phenanthiridines and benzo[c]phenanthridinones. Tetrahedron, 2001, 57, 5403-5411.	1.9	68
89	A New Entrance to the Preparation of Phenanthrene and Phenanthrenoid Heterocycles. Synlett, 2001, 2001, 1161-1163.	1.8	29
90	Dibenzoxepino[4,5-d]pyrazoles: a facile approach via the Ullmann-ether reaction. Tetrahedron Letters, 2000, 41, 4353-4356.	1.4	13

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91	A novel palladium intramolecular diaryl ether formation. Tetrahedron Letters, 2000, 41, 4357-4360.	1.4	18
92	A Convenient Strategy for the Synthesis of 4,5-Bis(o-haloaryl)isoxazoles. Journal of Organic Chemistry, 2000, 65, 6398-6411.	3.2	44
93	Radical-Mediated Synthesis of Î±-C-Glycosides Based onN-Acyl Galactosamine. Organic Letters, 2000, 2, 4051-4054.	4.6	45
94	A Combination of Tandem Amine-Exchange/Heterocyclization and Biaryl Coupling Reactions for the Straightforward Preparation of Phenanthro[9,10-d]pyrazoles. Journal of Organic Chemistry, 2000, 65, 7010-7019.	3.2	50
95	Phenyliodine(III)bis(trifluoroacetate) mediated synthesis of phenanthro[9, 10-d] fused isoxazoles and pyrimidines. Tetrahedron Letters, 1999, 40, 3479-3480.	1.4	32
96	An efficient synthesis of phenanthro-fused thiazoles by a non-phenolic oxidative coupling procedure of 4,5-diarylthiazoles. Tetrahedron Letters, 1999, 40, 5067-5070.	1.4	18
97	4-Alkylcarbonylmethylideneisoquinolines. A Synthetic and Mechanistic Study. Heterocycles, 1999, 51, 2311.	0.7	3
98	A novel approach to phenanthro[9,10-d]pyrimidinesvia an intramolecular Stille-type biaryl coupling reaction. Tetrahedron Letters, 1998, 39, 7155-7158.	1.4	19
99	Novel Entry into Benzo[c]phenanthridine Systems through a Tandem Alkene Acylation-Cyclodehydration. Heterocycles, 1997, 45, 757.	0.7	6
100	3-Aryl-4-Isoquinolinone Derivatives An Efficient Oxidative Preparation. Synthetic Communications, 1997, 27, 1643-1652.	2.1	2
101	Crystal Structure of 4-Phenyl-5-(2,3,4-trimetoxyphenyl)-isoxazole. Crystal Research and Technology, 1997, 32, 1015-1020.	1.3	4
102	A Convenient One-Pot Preparative Method for 4,5-Diarylisoxazoles Involving Amine Exchange Reactions. Journal of Organic Chemistry, 1996, 61, 5435-5439.	3.2	84
103	A new general method for the synthesis of 4-hydroxylated 3-aryltetrahydroisoquinolines. Tetrahedron, 1995, 51, 5361-5368.	1.9	15
104	A Short and Efficient Synthesis of 4,5-Diarylpyrimidines. Synlett, 1995, 1995, 955-956.	1.8	12
105	A convenient alternative route to Î²-aminoketones. Tetrahedron, 1994, 50, 2255-2264.	1.9	37
106	Drug Discovery in Epilepsy: A Synthetic Review. , 0, , .		0