

# Elena Motti

## List of Publications by Year in descending order

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43  
papers

3,145  
citations

218677

26  
h-index

265206

42  
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57  
all docs

57  
docs citations

57  
times ranked

1774  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pd/Norbornene: A Winning Combination for Selective Aromatic Functionalization via C–H Bond Activation. <i>Accounts of Chemical Research</i> , 2016, 49, 1389-1400.	15.6	504
2	Catalytic Sequential Reactions Involving Palladacycle-Directed Aryl Coupling Steps. <i>Accounts of Chemical Research</i> , 2008, 41, 1512-1522.	15.6	496
3	A New Reaction Sequence Involving Palladium-Catalyzed Unsymmetrical Aryl Coupling. <i>Journal of the American Chemical Society</i> , 2004, 126, 78-79.	13.7	215
4	Of the Ortho Effect in Palladium/Norbornene-Catalyzed Reactions: A Theoretical Investigation. <i>Journal of the American Chemical Society</i> , 2011, 133, 8574-8585.	13.7	176
5	Catalytic C–C coupling through C–H arylation of arenes or heteroarenes. <i>Coordination Chemistry Reviews</i> , 2010, 254, 456-469.	18.8	170
6	A Novel Palladium-Catalyzed Synthesis of Phenanthrenes from ortho-Substituted Aryl Iodides and Diphenyl- or Alkylphenylacetylenes. <i>Organic Letters</i> , 2001, 3, 3611-3614.	4.6	155
7	Palladium–Arene Interactions in Catalytic Intermediates: An Experimental and Theoretical Investigation of the Soft Rearrangement between $\eta^1$ and $\eta^2$ Coordination Modes. <i>Journal of the American Chemical Society</i> , 2002, 124, 4336-4346.	13.7	147
8	Symmetrical and unsymmetrical 2,6-dialkyl-1,1'-biaryls by combined catalysis of aromatic alkylation via palladacycles and Suzuki-type coupling. <i>Chemical Communications</i> , 2000, , 157-158.	4.1	105
9	Sequential Unsymmetrical Aryl Coupling of o-Substituted Aryl Iodides with o-Bromophenols and Reaction with Olefins: Palladium-Catalyzed Synthesis of 6H-Dibenzopyran Derivatives. <i>Organic Letters</i> , 2006, 8, 3967-3970.	4.6	90
10	A Sequential Pd/Norbornene-Catalyzed Process Generates <i>o</i> -Biaryl Carbaldehydes or Ketones via a Redox Reaction or <i>o</i> -Dibenzopyrans by C–O Ring Closure. <i>Organic Letters</i> , 2012, 14, 5792-5795.	4.6	89
11	Recent Developments in Catalytic Aryl Coupling Reactions. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4153-4165.	2.4	80
12	Intramolecular benzylic C–H activation: palladium-catalyzed synthesis of hexahydromethanofluorenes. <i>Chemical Communications</i> , 2000, , 2003-2004.	4.1	69
13	A Simple Catalytic Synthesis of Condensed Pyridones from o-Bromoarylcarboxamides Involving ipso Substitution via Palladacycles. <i>Journal of the American Chemical Society</i> , 2006, 128, 722-723.	13.7	69
14	Palladium-Catalyzed Synthesis of Selectively Substituted Phenanthridine Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2513-2516.	4.3	65
15	Palladium catalyzed multicomponent reactions in ordered sequence: new syntheses of <i>o</i> , <i>o</i> '-dialkylsubstituted diarylacetylenes and diarylalkylidenehexahydromethanofluorenes. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 3741-3749.	1.8	62
16	Selective aryl coupling via palladacycles: a new route to <i>m</i> -alkylbiphenyls or <i>m</i> -terphenyls. <i>New Journal of Chemistry</i> , 1998, 22, 759-761.	2.8	56
17	Rates of the Oxidative Addition of Benzyl Halides to a Metallacyclic Palladium(II) Complex and of the Reductive Elimination from a Benzyl-Palladium(IV) Complex. <i>Organometallics</i> , 2008, 27, 4549-4554.	2.3	55
18	Palladium-catalysed synthesis of nonsymmetrically disubstituted-1,1'-biphenyls from <i>o</i> -substituted aryl iodides through aryl coupling and delayed hydrogenolysis. <i>Canadian Journal of Chemistry</i> , 2005, 83, 741-747.	1.1	53

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19	One-Pot Palladium-Catalyzed Synthesis of Selectively Substituted Phenanthridines by Sequential Aryl-Aryl and Heck Couplings, Aza-Michael and Retro-Mannich Reactions. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1451-1454.	4.3	51
20	Palladium-catalyzed unsymmetrical aryl couplings in sequence leading to o-teraryls: dramatic olefin effect on selectivity. <i>Chemical Communications</i> , 2010, 46, 4291.	4.1	47
21	New catalytic methods for the synthesis of selectively substituted aromatics through palladacycles. <i>Pure and Applied Chemistry</i> , 2005, 77, 1243-1248.	1.9	41
22	A new catalytic method for the synthesis of selectively substituted biphenyls containing an oxoalkyl chain. <i>Journal of Organometallic Chemistry</i> , 2003, 687, 473-482.	1.8	38
23	Catalytic Dehydrogenation of <i>o</i> -Alkylated or <i>o</i> -Alkoxyated Iodoarenes with Concomitant Hydrogenolysis. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 565-569.	4.3	37
24	A new type of palladium-catalysed aromatic cross-coupling combined with a Suzuki reaction: synthesis of selectively 2,3-disubstituted 1,1'-di-2,1'-terphenyl derivatives. <i>Journal of Molecular Catalysis A</i> , 2003, 204-205, 115-124.	4.8	33
25	A novel enantioselective synthesis of 6H-dibenzopyran derivatives by combined palladium/norbornene and cinchona alkaloid catalysis. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2260-2263.	2.8	28
26	Homogeneous and Gas-Liquid Catalytic Type Reaction Enabled by Continuous-Flow Chemistry. <i>Chemistry - A European Journal</i> , 2018, 24, 14079-14083.	3.3	28
27	Competitive pathways in Pd-catalyzed synthesis of arylphenols. <i>Tetrahedron</i> , 2013, 69, 4421-4428.	1.9	22
28	Aromatic arylation via palladacycles: interception of reaction intermediates. <i>Journal of Organometallic Chemistry</i> , 2000, 593-594, 240-244.	1.8	20
29	Recent Advances in the Catalytic Synthesis of Imidazolidin-2-ones and Benzimidazolidin-2-ones. <i>Catalysts</i> , 2019, 9, 28.	3.5	20
30	Enhancing Reactivity and Selectivity of Aryl Bromides: A Complementary Approach to Dibenzo[ <i>b,f</i> ]azepine Derivatives. <i>ChemCatChem</i> , 2018, 10, 4346-4352.	3.7	19
31	New Protocols for the Synthesis of Condensed Heterocyclic Rings Through Palladium-Catalyzed Aryl Coupling Reactions. <i>Topics in Catalysis</i> , 2010, 53, 991-996.	2.8	18
32	Synthesis of Imidazolidin-2-ones and Imidazol-2-ones via Base-Catalyzed Intramolecular Hydroamidation of Propargylic Ureas under Ambient Conditions. <i>Journal of Organic Chemistry</i> , 2019, 84, 3477-3490.	3.2	16
33	Advances in Visible-Light-Mediated Carbonylative Reactions via Carbon Monoxide (CO) Incorporation. <i>Catalysts</i> , 2021, 11, 918.	3.5	16
34	Multiple arylations of aromatics via removable palladacycle scaffolds: polycyclic compounds and their way of formation. <i>Journal of Organometallic Chemistry</i> , 1999, 580, 191-196.	1.8	15
35	Formation of a carbonyl group ortho to a biaryl structure or a 6H-dibenzopyran by a palladium/norbornene-catalyzed ordered reaction sequence. <i>Tetrahedron</i> , 2015, 71, 6389-6401.	1.9	11
36	Synthesis of fluorenyl alcohols via cooperative palladium/norbornene catalysis. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6165-6173.	2.8	6

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37	Pd-Catalysed oxidative carbonylation of $\alpha$ -amino amides to hydantoins under mild conditions. <i>Chemical Communications</i> , 2021, 58, 294-297.	4.1	6
38	Structure and properties of arylnorbornyl palladacycles as stable models for catalytic intermediates. <i>Inorganica Chimica Acta</i> , 2015, 431, 230-233.	2.4	5
39	(Z)-4-(Carbomethoxymethylene)-2-(4-fluorophenyl)-4H-benzo[d][1,3]oxazine. <i>MolBank</i> , 2017, 2017, M927.	0.5	5
40	Unsymmetrical Aryl-Aryl Cross-Coupling Leading to 6 <i>H</i> -Dibenzopyrans. <i>Synthesis</i> , 2008, 2008, 995-997.	2.3	4
41	Cis,exo-1,2,3,4,4a,13b-hexahydro-1,4-methano-5-isopropoxy-9H-tribenzo[b,f]azepine. <i>MolBank</i> , 2018, 2018, M988.	0.5	2
42	A New Catalytic Method for the Synthesis of Selectively Substituted Biphenyls Containing an Oxoalkyl Chain.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
43	New Catalytic Methods for the Synthesis of Selectively Substituted Aromatics Through Palladacycles. <i>ChemInform</i> , 2006, 37, no.	0.0	0