

# Giovanni Maestri

## List of Publications by Year in descending order

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70  
papers

2,143  
citations

218592

26  
h-index

243529

44  
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87  
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87  
docs citations

87  
times ranked

2236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dimerizing cascades of enallenamides reveal the visible-light-promoted activation of cumulated C=C double bonds. <i>Chemical Science</i> , 2022, 13, 2632-2639.	3.7	14
2	C <sup>I</sup> Selective Sonogashira and Heck Coupling Reactions Catalyzed by Aromatic Triangular Tri-palladium. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	5
3	Palladium/Bronsted Acid Catalysis for Hydrofunctionalizations of Alkynes: From Tsuji-Trost Allylations to Stereoselective Methodologies. <i>ChemCatChem</i> , 2022, 14, .	1.8	6
4	Bottled spiro-doubly aromatic trinuclear [Pd <sub>2</sub> Ru] <sup>+</sup> complexes. <i>Chemical Science</i> , 2021, 12, 477-486.	3.7	16
5	Recent Advances on the Synthesis of [4.3.0] Bicycles Featuring Three Heteroatoms Including a Bridgehead One. , 2021, , .		0
6	Visible-Light-Driven Competitive Stereo- and Regioisomerization of (E)-Nitroenones. <i>ChemPhotoChem</i> , 2021, 5, 871-875.	1.5	7
7	Ambient Synthesis of Tricyclic Naphthalenes via Stepwise Styryl-yne Dearomative Diels-Alder Cyclization. <i>Organic Letters</i> , 2021, 23, 6536-6541.	2.4	7
8	Oxidative Dearomatization of Phenols and Polycyclic Aromatics with Hydrogen Peroxide Triggered by Heterogeneous Sulfonic Acids. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5407-5414.	1.2	5
9	Photoelectric properties of aromatic triangular tri-palladium complexes and their catalytic applications in the Suzuki-Miyaura coupling reaction. <i>Dalton Transactions</i> , 2021, 50, 11834-11842.	1.6	8
10	1.14 Palladium(I)-Mediated Reactions. , 2021, , .		0
11	Inter/Intramolecular Cascade of 1,6-Enynes Catalyzed by All-Metal Aromatic Tripalladium Complexes and Carboxylic Acids. <i>Journal of Organic Chemistry</i> , 2021, 86, 15433-15452.	1.7	10
12	Is Aromaticity a Driving Force in Catalytic Cycles? A Case from the Cycloisomerization of Enynes Catalyzed by All-Metal Aromatic Pd <sub>3</sub> <sup>+</sup> Clusters and Carboxylic Acids. <i>Journal of Physical Chemistry A</i> , 2021, 125, 10035-10043.	1.1	7
13	Pd-Catalysed oxidative carbonylation of $\alpha$ -amino amides to hydantoins under mild conditions. <i>Chemical Communications</i> , 2021, 58, 294-297.	2.2	6
14	Diastereoselective Isomerization of (E)-Nitroenones into $\beta$ -Unsaturated Ketones under Microwave Conditions. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4680-4686.	2.1	7
15	Orthogonal Syntheses of 3.2.0 Bicycles from Enallenes Promoted by Visible Light. <i>Organic Letters</i> , 2020, 22, 6354-6359.	2.4	18
16	Effect of surface acidity on the catalytic activity and deactivation of supported sulfonic acids during dehydration of methanol to DME. <i>New Journal of Chemistry</i> , 2020, 44, 16810-16820.	1.4	6
17	Functionalization of Alkenyl C-H Bonds with D <sub>2</sub> O via Pd(0)/Carboxylic Acid Catalysis. <i>Synthesis</i> , 2020, 52, 1762-1772.	1.2	4
18	Palladium(0)/benzoic acid catalysis merges sequences with D <sub>2</sub> O-promoted labelling of C-H bonds. <i>Chemical Science</i> , 2019, 10, 10297-10304.	3.7	18

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19	Diastereoselective bicyclization of enynols via gold catalysis. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3584-3588.	2.3	6
20	Sulfonated catalysts for methanol dehydration to dimethyl ether (DME). <i>Materials Research Bulletin</i> , 2019, 113, 64-69.	2.7	26
21	Visible-Light-Promoted Polycyclizations of Dienynes. <i>Angewandte Chemie</i> , 2019, 131, 6775-6779.	1.6	2
22	Visible-Light-Promoted Polycyclizations of Dienynes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6703-6707.	7.2	20
23	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.	1.7	16
24	Silica Nanoparticles Decorated with Polymeric Sulfonic Acids Trigger Selective Oxidation of Benzylic Methylenes to Aldehydic and Ketonic Carbonyls. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5886-5891.	3.2	13
25	Alkenyl boost for Catellani. <i>Nature Chemistry</i> , 2019, 11, 1082-1084.	6.6	7
26	Complementary Reactivity of 1,6-Enynes with All-Metal Aromatic Trinuclear Complexes and Carboxylic Acids. <i>Synthesis</i> , 2019, 51, 1216-1224.	1.2	17
27	Titania supported on silica as an efficient catalyst for deep oxidative desulfurization of a model fuel with exceptionally diluted H <sub>2</sub> O <sub>2</sub> . <i>Reaction Chemistry and Engineering</i> , 2018, 3, 13-16.	1.9	12
28	Alternative Routes to Tricyclic Cyclohexenes with Trinuclear Palladium Complexes. <i>ACS Catalysis</i> , 2018, 8, 144-147.	5.5	30
29	Oxidative dimerization of anilines with heterogeneous sulfonic acid catalysts. <i>Green Chemistry</i> , 2018, 20, 382-386.	4.6	13
30	Bi-directional alkyne tandem isomerization via Pd(0)/carboxylic acid joint catalysis: expedient access to 1,3-dienes. <i>Chemical Communications</i> , 2018, 54, 14021-14024.	2.2	11
31	Synthesis of Carbolines via Palladium/Carboxylic Acid Joint Catalysis. <i>Organic Letters</i> , 2018, 20, 3220-3224.	2.4	34
32	Enhancing Reactivity and Selectivity of Aryl Bromides: A Complementary Approach to Dibenzo[ b,f ]azepine Derivatives. <i>ChemCatChem</i> , 2018, 10, 4346-4352.	1.8	19
33	Visible-Light-Triggered C=C and C=N Bond Formation by C=S Bond Cleavage of Benzylic Thioethers. <i>Organic Letters</i> , 2018, 20, 5247-5250.	2.4	48
34	Visible-Light, Photoredox-Mediated Oxidative Tandem Nitroso-Diels-Alder Reaction of Arylhydroxylamines with Conjugated Dienes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2095-2098.	1.2	12
35	All-metal aromatic cationic palladium triangles can mimic aromatic donor ligands with Lewis acidic cations. <i>Chemical Science</i> , 2017, 8, 7394-7402.	3.7	26
36	Pd-Catalyzed/Iodide-Promoted Î±-Arylation of Ketones for the Regioselective Synthesis of Isocoumarins. <i>Journal of Organic Chemistry</i> , 2017, 82, 8296-8303.	1.7	20

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37	Semi-Reduction of Internal Alkynes with Prototypical Subnanometric Metal Surfaces: Bridging Homogeneous and Heterogeneous Catalysis with Trinuclear All-Metal Aromatics. ACS Sustainable Chemistry and Engineering, 2017, 5, 8205-8212.	3.2	37
38	A Synthetic Study towards the Marmycins and Analogues. Synthesis, 2017, 49, 587-592.	1.2	6
39	Palladium- and Norbornene-Catalyzed Synthesis of Highly Functionalized Thiophenes: The Remarkable Effect of Electron-Poor Olefins as Ligand. Heterocycles, 2017, 95, 753.	0.4	1
40	Silica-supported sulfonic acids as recyclable catalyst for esterification of levulinic acid with stoichiometric amounts of alcohols. Beilstein Journal of Organic Chemistry, 2016, 12, 2173-2180.	1.3	27
41	A Simple Heterogeneous Catalyst for Phosphite Addition on Carbonyl Groups. European Journal of Organic Chemistry, 2016, 2016, 463-466.	1.2	5
42	Batch versus Flow Acetalization of Benzaldehyde with HKUST-1: Diffusion Pathways and Performance Comparison. ChemCatChem, 2016, 8, 1293-1297.	1.8	14
43	Selective monomethyl esterification of linear dicarboxylic acids with bifunctional alumina catalysts. Green Chemistry, 2016, 18, 5764-5768.	4.6	8
44	Pd Catalysis in Cyanide-Free Synthesis of Nitriles from Haloarenes via Isoxazolines. Organic Letters, 2016, 18, 6108-6111.	2.4	18
45	Boosting catalyst activity in cis-selective semi-reduction of internal alkynes by tailoring the assembly of all-metal aromatic tri-palladium complexes. Dalton Transactions, 2016, 45, 15786-15790.	1.6	33
46	Catalytic Semireduction of Internal Alkynes with All-Metal Aromatic Complexes. ChemCatChem, 2015, 7, 3266-3269.	1.8	30
47	A Simple Synthesis of Triangular All-Metal Aromatics Allowing Access to Isolobal All-Metal Heteroaromatics. Chemistry - A European Journal, 2015, 21, 12271-12274.	1.7	24
48	Formal base-free homolytic aromatic substitutions via photoredox catalysis. Organic Chemistry Frontiers, 2015, 2, 464-469.	2.3	30
49	Synthesis of marmycin A and investigation into its cellular activity. Nature Chemistry, 2015, 7, 744-751.	6.6	41
50	Triethylamine and TBD supported on silica: useful heterogeneous catalysts for the reaction of $\beta$ -dicarbonyl derivatives with $\alpha,\beta$ -unsaturated compounds under batch and continuous flow conditions. Arkivoc, 2015, 2015, 107-116.	0.3	1
51	Friedel-Crafts acylation reaction catalyzed by silica supported sulfonic acids: synthetic aspects and limitations. Arkivoc, 2015, 2015, 1-9.	0.3	2
52	Rapid and Convergent Assembly of Natural Benzo[c]phenanthridines by Palladium/Norbornene Catalysis. Heterocycles, 2014, 88, 807.	0.4	5
53	Synthesis of Triangular Tripalladium Cations as Noble-Metal Analogues of the Cyclopropenyl Cation. Angewandte Chemie - International Edition, 2014, 53, 1987-1991.	7.2	54
54	Diastereoselective Synthesis of Dibenzoazepines through Chelation on Palladium(IV) Intermediates. Organic Letters, 2014, 16, 628-631.	2.4	65

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55	Acid-Catalyzed Formal Cycloaddition of $\hat{1},\hat{2}$ -Unsaturated Carbonyls with Epoxides: Dioxepines or Acetals?. <i>Journal of Organic Chemistry</i> , 2014, 79, 8477-8480.	1.7	2
56	Electrophilic activation of allenes and allenynes: analogies and differences between Brønsted and Lewis acid activation. <i>Chemical Society Reviews</i> , 2014, 43, 2916-2926.	18.7	62
57	Two-fold tandem acyl-group shift/cyclization via gold catalysis. <i>Arkivoc</i> , 2014, 2014, 287-296.	0.3	1
58	Radical Pd( $\sigma$ -allyl)/Pd( $\pi$ -allyl) reductive elimination in palladium sequences. <i>Chemical Communications</i> , 2013, 49, 10424-10426.	2.2	41
59	Palladium/Norbornene Catalytic System: Chelation as a Tool To Control Regioselectivity of Pd(IV) Reductive Elimination. <i>Journal of Organic Chemistry</i> , 2013, 78, 1323-1328.	1.7	26
60	Understanding palladium complexes structures and reactivities: beyond classical point of view. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2013, 3, 529-541.	6.2	10
61	The Cyanamide Moiety, Synthesis and Reactivity. <i>Synthesis</i> , 2012, 44, 1279-1292.	1.2	75
62	Rearrangements of N-Acyl Isothioureas. Alternate Access to Acylguanidines from Cyanamides. <i>Organic Letters</i> , 2012, 14, 5538-5541.	2.4	30
63	Of the Ortho Effect in Palladium/Norbornene-Catalyzed Reactions: A Theoretical Investigation. <i>Journal of the American Chemical Society</i> , 2011, 133, 8574-8585.	6.6	176
64	Exception to the <i>ortho</i> Effect in Palladium/Norbornene Catalysis. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12253-12256.	7.2	87
65	Palladium-Catalyzed Reaction of Aryl Iodides with <i>ortho</i> -Bromoanilines and Norbornene/Norbornadiene: Unexpected Formation of Dibenzoazepine Derivatives. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12257-12261.	7.2	93
66	Catalytic C-C coupling through C-H arylation of arenes or heteroarenes. <i>Coordination Chemistry Reviews</i> , 2010, 254, 456-469.	9.5	170
67	Expedient Synthesis of Phenanthridines from Benzylamines via Dual Palladium Catalysis. <i>Organic Letters</i> , 2010, 12, 5692-5695.	2.4	98
68	Palladium-Catalyzed Synthesis of Heteroatom-Containing <i>ortho</i> -Teraryls from Aryl Iodides and Heteroarenes through Double C-H Activation in Sequence. <i>Chemistry - A European Journal</i> , 2009, 15, 7850-7853.	1.7	57
69	A catalytic synthesis of selectively substituted biaryls through sequential intermolecular coupling involving arene and ketone C-H bond functionalization. <i>Chemical Communications</i> , 2009, , 4892.	2.2	48
70	Transfer Semihydrogenation of Alkynes Catalyzed by a Zero-Valent Palladium N-Heterocyclic Carbene Complex. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3223-3226.	7.2	164