

Margherita Barbero

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1796399/publications.pdf>

Version: 2024-02-01

53
papers

1,160
citations

361413

20
h-index

454955

30
g-index

80
all docs

80
docs citations

80
times ranked

1085
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper catalysed Gomberg-Bachmann-Hey reactions of arenediazonium tetrafluoroborates and heteroarenediazonium o-benzenedisulfonimides. Synthetic and mechanistic aspects. <i>Tetrahedron</i> , 2020, 76, 131632.	1.9	12
2	Diastereoselective synthesis of 3-(1±-aryl)alkenylindoles from the direct dehydrative coupling of indoles and ketones: A synthetic and theoretical study. <i>Tetrahedron</i> , 2020, 76, 131498.	1.9	2
3	A simple, direct synthesis of 3-vinylindoles from the carbocation-catalysed dehydrative cross-coupling of ketones and indoles. A combined experimental and computational study. <i>Tetrahedron</i> , 2019, 75, 363-373.	1.9	6
4	Gold catalyzed Heck-coupling of arenediazonium o-benzenedisulfonimides. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 295-301.	2.8	23
5	Gold catalysed Suzuki-Miyaura coupling of arenediazonium o-benzenedisulfonimides. <i>Tetrahedron</i> , 2018, 74, 5758-5769.	1.9	13
6	A Brønsted acid catalysed enantioselective Biginelli reaction. <i>Green Chemistry</i> , 2017, 19, 1529-1535.	9.0	46
7	Silica Gel-Immobilized 1,2-Benzenedisulfonimide: A New and Versatile Brønsted Acid Heterogeneous Catalyst. <i>ChemistrySelect</i> , 2017, 2, 3178-3183.	1.5	2
8	Efficient alkylation of cyclic silyl enol ethers by diarylmethylum salts. <i>Tetrahedron Letters</i> , 2016, 57, 4758-4762.	1.4	4
9	Copper-free Sandmeyer cyanation of arenediazonium o-benzenedisulfonimides. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1437-1441.	2.8	24
10	Organocatalyzed Asymmetric Alkylation of Stable Aryl or Heteroaryl(3-indolyl)methylum o-benzenedisulfonimides. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 337-345.	2.7	12
11	Synthesis of Bench-Stable Diarylmethylum Tetrafluoroborates. <i>Journal of Organic Chemistry</i> , 2015, 80, 4791-4796.	3.2	21
12	Brønsted acid catalyzed enantio- and diastereoselective one-pot three component Mannich reaction. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 1180-1188.	1.8	17
13	Solvent-free Brønsted acid catalysed alkylation of arenes and heteroarenes with benzylic alcohols. <i>Tetrahedron</i> , 2014, 70, 1818-1826.	1.9	16
14	Copper- and Phosphane-Free Sonogashira Coupling of Arenediazonium o-benzenedisulfonimides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 598-605.	2.4	23
15	Negishi cross-coupling of arenediazonium o-benzenedisulfonimides. <i>Tetrahedron</i> , 2014, 70, 8010-8016.	1.9	13
16	Chiral derivatives of 1,2-benzenedisulfonimide as efficient Brønsted acid catalysts in the Strecker reaction. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3902-3911.	2.8	18
17	Catalytic properties and acidity of 1,2-benzenedisulfonimide and some of its derivatives. An experimental and computational study. <i>Tetrahedron</i> , 2013, 69, 3212-3217.	1.9	10
18	o-Benzenedisulfonimide as a Reusable Brønsted Acid Catalyst for Hetero-Michael Reactions. <i>Synthetic Communications</i> , 2013, 43, 758-767.	2.1	19

#	ARTICLE	IF	CITATIONS
19	The efficient <i>o</i> -benzenedisulfonimide catalysed synthesis of benzothiazoles, benzoxazoles and benzimidazoles. <i>Arkivoc</i> , 2013, 2012, 262-279.	0.5	8
20	<i>o</i> -Benzenedisulfonimide and its chiral derivative as Brønsted acids catalysts for one-pot three-component Strecker reaction. Synthetic and mechanistic aspects. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4058.	2.8	26
21	Mechanism of the solvent-free reactions between indole derivatives and 4-nitrobenzaldehyde studied by solid-state NMR and DFT calculations. <i>CrystEngComm</i> , 2012, 14, 6732.	2.6	4
22	Preparation and Characterization of Aryl or Heteroaryl(3-indolyl)methylium <i>o</i> -Benzenedisulfonimides. <i>Journal of Organic Chemistry</i> , 2012, 77, 4278-4287.	3.2	20
23	A new practical synthesis of triaryl and trisindolylmethanes under solvent-free reaction conditions. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 8393.	2.8	44
24	An environmentally friendly Mukaiyama aldol reaction catalyzed by a strong Brønsted acid in solvent-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2192.	2.8	22
25	<i>o</i> -Benzenedisulfonimide: An Organic Reagent and Organocatalyst of Renewed Interest. <i>Current Organic Chemistry</i> , 2011, 15, 576-599.	1.6	12
26	Synthesis of 3-aryl-4-methyl-1,2-benzenedisulfonimides, new chiral Brønsted acids. A combined experimental and theoretical study. <i>Tetrahedron</i> , 2011, 67, 5789-5797.	1.9	14
27	<i>o</i> -Benzenedisulfonimide as a reusable Brønsted acid catalyst for an efficient and facile synthesis of quinolines via Friedländer annulation. <i>Tetrahedron Letters</i> , 2010, 51, 2342-2344.	1.4	36
28	<i>o</i> -Benzenedisulfonimide as a reusable acid catalyst for an easy, efficient, and green synthesis of tetrahydroisoquinolines and tetrahydro-1 ² -carbolines through Pictet-Spengler reaction. <i>Tetrahedron Letters</i> , 2010, 51, 6356-6359.	1.4	30
29	A New Effective Synthesis of Arene Mono- and Disulfonyl Chlorides. <i>Synlett</i> , 2010, 2010, 1803-1806.	1.8	17
30	<i>o</i> -Benzenedisulfonimide as a Reusable Brønsted Acid Catalyst for Hosomi-Sakurai Reactions. <i>Synthesis</i> , 2010, 2010, 315-319.	2.3	7
31	<i>o</i> -Benzenedisulfonimide as a Powerful and Recyclable Organocatalyst for the Nazarov Reaction. <i>Synthesis</i> , 2009, 2009, 2260-2266.	2.3	24
32	<i>o</i> -Benzenedisulfonimide as a Reusable Brønsted Acid Catalyst for Ritter-type Reactions. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 430-436.	2.4	64
33	Synthetic and Mechanistic Aspects of Acid-Catalyzed Disproportionation of Dialkyl Diarylmethyl Ethers: A Combined Experimental and Theoretical Study. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4346-4351.	2.4	20
34	Reactions of Arenediazonium <i>o</i> -Benzenedisulfonimides with Aliphatic Triorganotin Compounds. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 862-868.	2.4	14
35	<i>o</i> -Benzenedisulfonimide as Reusable Brønsted Acid Catalyst for Acid-Catalyzed Organic Reactions. <i>Synthesis</i> , 2008, 2008, 1379-1388.	2.3	25
36	Palladium-Catalyzed Cross-Coupling Alkylation of Arenediazonium <i>o</i> -Benzenedisulfonimides. <i>Synthesis</i> , 2008, 2008, 474-478.	2.3	4

#	ARTICLE	IF	CITATIONS
37	<i>o</i> -Benzenedisulfonimide as a Soft, Efficient, and Recyclable Catalyst for the Acylation of Alcohols, Phenols, and Thiols under Solvent-Free Conditions: Advantages and Limitations. <i>Synthesis</i> , 2008, 2008, 3625-3632.	2.3	34
38	<i>o</i> -Benzenedisulfonimide: A Novel and Reusable Catalyst for Acid-Catalyzed Organic Reactions. <i>Synlett</i> , 2007, 2007, 2209-2212.	1.8	20
39	Arenediazonium <i>o</i> -benzenedisulfonimides as efficient reagents for Heck-type arylation reactions. <i>Tetrahedron</i> , 2006, 62, 3146-3157.	1.9	46
40	Reactions of Dry Arenediazonium-Benzenedisulfonimides with Triorganoindium Compounds. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 4884-4890.	2.4	66
41	Arenediazonium <i>o</i> -Benzenedisulfonimides in Heck-Type Arylation of Allylic Alcohols. <i>Synthesis</i> , 2006, 2006, 3443-3452.	2.3	21
42	1-Aryl-3,3-dialkyltriazenes: A Convenient Synthesis from Dry Arenediazonium <i>o</i> -Benzenedisulfonimides - A High Yield Break Down to the Starting Dry Salts and Efficient Conversions to Aryl Iodides, Bromides and Chlorides. <i>Synthesis</i> , 2001, 2001, 2180-2190.	2.3	15
43	Improved Procedure to Aryl Thiocyanates: A New Synthetic Application of Dry Arenediazonium <i>o</i> -Benzenedisulfonimides. <i>Synthesis</i> , 2001, 2001, 0585-0590.	2.3	19
44	Alkyl- and Arylthiodediazoniations of Dry Arenediazonium-Benzenedisulfonimides. Efficient and Safe Modifications of the Stadler and Ziegler Reactions to Prepare Alkyl Aryl and Diaryl Sulfides. <i>Journal of Organic Chemistry</i> , 2000, 65, 5600-5608.	3.2	28
45	A Simple Preparation of Aryl Methanesulfonates by Thermal Decomposition of Dry Arenediazonium <i>o</i> -Benzenedisulfonimides in Methanesulfonic Acid. <i>Synthesis</i> , 1999, 1999, 90-93.	2.3	5
46	Halodediazoniations of Dry Arenediazonium-Benzenedisulfonimides in the Presence or Absence of an Electron Transfer Catalyst. Easy General Procedures To Prepare Aryl Chlorides, Bromides, and Iodides. <i>Journal of Organic Chemistry</i> , 1999, 64, 3448-3453.	3.2	49
47	New Dry Arenediazonium Salts, Stabilized to an Exceptionally High Degree by the Anion of <i>o</i> -Benzenedisulfonimide. <i>Synthesis</i> , 1998, 1998, 1171-1175.	2.3	65
48	Preparation of Diazenes by Electrophilic C-Coupling Reactions of Dry Arenediazonium <i>o</i> -Benzenedisulfonimides with Grignard Reagents. <i>Synthesis</i> , 1998, 1998, 1235-1237.	2.3	31
49	N-Hydroxy- <i>o</i> -benzenedisulfonimide: A Misunderstood Selective Oxidizing Agent. <i>Journal of Organic Chemistry</i> , 1996, 61, 8762-8764.	3.2	10
50	Convenient procedure for converting 1,3-dithiolane-2-thiones into 1,3-dithiolan-2-ones. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996, , 289.	0.9	14
51	Synthesis of trimethyl .alpha.-keto trithioorthoesters and dimethyl .alpha.-keto dithioacetals by reaction of esters with tris(methylthio)methylolithium. <i>Journal of Organic Chemistry</i> , 1995, 60, 6017-6024.	3.2	19
52	Synthetic application of lithiated tris(methylthio)methane: preparation of aliphatic methyl thiolcarboxylates from the corresponding halides. Convenient synthesis of tris(methylthio)methane. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 2075.	0.9	12
53	Pentaatomic heteroaromatic cations. 18. Acylation of pyrrole and N-methylpyrrole with 1,3-benzoxathiolium tetrafluoroborates. A high-yield method for the synthesis of diacylpyrroles. <i>Journal of Organic Chemistry</i> , 1988, 53, 2245-2250.	3.2	31