

Joseph P Sadighi

List of Publications by Year in descending order

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42
papers

6,140
citations

159585

30
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233421

45
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48
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docs citations

48
times ranked

4952
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple, Efficient Catalyst System for the Palladium-Catalyzed Amination of Aryl Chlorides, Bromides, and Triflates. <i>Journal of Organic Chemistry</i> , 2000, 65, 1158-1174.	3.2	698
2	Efficient Homogeneous Catalysis in the Reduction of CO ₂ to CO. <i>Journal of the American Chemical Society</i> , 2005, 127, 17196-17197.	13.7	606
3	Novel Electron-Rich Bulky Phosphine Ligands Facilitate the Palladium-Catalyzed Preparation of Diaryl Ethers. <i>Journal of the American Chemical Society</i> , 1999, 121, 4369-4378.	13.7	521
4	Coinage Metal Hydrides: Synthesis, Characterization, and Reactivity. <i>Chemical Reviews</i> , 2016, 116, 8318-8372.	47.7	355
5	Reversible C-F Bond Formation and the Au-Catalyzed Hydrofluorination of Alkynes. <i>Journal of the American Chemical Society</i> , 2007, 129, 7736-7737.	13.7	346
6	An Ammonia Equivalent for the Palladium-Catalyzed Amination of Aryl Halides and Triflates. <i>Tetrahedron Letters</i> , 1997, 38, 6367-6370.	1.4	341
7	Synthesis, Structure, and Alkyne Reactivity of a Dimeric (Carbene)copper(I) Hydride. <i>Organometallics</i> , 2004, 23, 3369-3371.	2.3	314
8	Catalytic Diboration of Aldehydes via Insertion into the Copper-Boron Bond. <i>Journal of the American Chemical Society</i> , 2006, 128, 11036-11037.	13.7	273
9	Conjugate Reduction of α,β -Unsaturated Carbonyl Compounds Catalyzed by a Copper Carbene Complex. <i>Organic Letters</i> , 2003, 5, 2417-2420.	4.6	256
10	Copper(I) β -Boroalkyls from Alkene Insertion: Isolation and Rearrangement. <i>Organometallics</i> , 2006, 25, 2405-2408.	2.3	227
11	Reactions of a Stable Monomeric Gold(I) Hydride Complex. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8937-8940.	13.8	191
12	Palladium-Catalyzed Synthesis of Monodisperse, Controlled-Length, and Functionalized Oligoanilines. <i>Journal of the American Chemical Society</i> , 1998, 120, 4960-4976.	13.7	168
13	Palladium-Catalyzed Cross-Coupling of Pyrrole Anions with Aryl Chlorides, Bromides, and Iodides. <i>Organic Letters</i> , 2004, 6, 3981-3983.	4.6	167
14	Synthesis, Structure, and CO ₂ Reactivity of a Two-Coordinate (Carbene)copper(I) Methyl Complex. <i>Organometallics</i> , 2004, 23, 1191-1193.	2.3	162
15	Generation of a Doubly Bridging CO ₂ Ligand and Deoxygenation of CO ₂ by an (NHC)Ni(0) Complex. <i>Journal of the American Chemical Society</i> , 2007, 129, 13802-13803.	13.7	141
16	A Carbene-Stabilized Gold(I) Fluoride: Synthesis and Theory. <i>Organometallics</i> , 2005, 24, 4503-4505.	2.3	138
17	A highly active palladium catalyst system for the arylation of anilines. <i>Tetrahedron Letters</i> , 1998, 39, 5327-5330.	1.4	129
18	A General Synthesis of End-Functionalized Oligoanilines via Palladium-Catalyzed Amination. <i>Journal of the American Chemical Society</i> , 1998, 120, 213-214.	13.7	114

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19	Synthesis of a Trigold Monocation: An Isolobal Analogue of $[H_3]^+$. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12077-12080.	13.8	107
20	Copper(I) Complexes of a Heavily Fluorinated η^2 -Diketiminato Ligand: Synthesis, Electronic Properties, and Intramolecular Aerobic Hydroxylation. <i>Inorganic Chemistry</i> , 2003, 42, 7354-7356.	4.0	96
21	Bonding and Reactivity of a η^4 -Hydrido Dication. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12920-12923.	13.8	88
22	Synthesis and Reactivity of New Copper(I) Hydride Dimers. <i>Organometallics</i> , 2016, 35, 613-616.	2.3	82
23	Arene C-H Bond Activation and Arene Oxidative Coupling by Cationic Palladium(II) Complexes. <i>Organometallics</i> , 2003, 22, 3884-3890.	2.3	81
24	Reduction of the Work Function of Gold by N-Heterocyclic Carbenes. <i>Chemistry of Materials</i> , 2017, 29, 3403-3411.	6.7	76
25	Efficient Synthesis of Well-Defined, High Molecular Weight, and Processible Polyanilines under Mild Conditions via Palladium-Catalyzed Amination. <i>Journal of the American Chemical Society</i> , 2000, 122, 7606-7607.	13.7	73
26	A dinuclear silver hydride and an umpolung reaction of CO ₂ . <i>Chemical Science</i> , 2013, 4, 3068.	7.4	60
27	Dinuclear η^4 -fluoro cations of copper, silver and gold. <i>Polyhedron</i> , 2014, 33, 87-95.	2.2	47
28	Carbon-Carbon Bond Formation on Reaction of a Copper(I) Stannyl Complex with Carbon Dioxide. <i>Organometallics</i> , 2008, 27, 2682-2684.	2.3	33
29	Stable Mono- and Dinuclear Organosilver Complexes. <i>Organometallics</i> , 2017, 36, 964-974.	2.3	31
30	Copper(I)-Mediated Borofluorination of Alkynes. <i>Organic Letters</i> , 2018, 20, 5242-5246.	4.6	23
31	Bonding and Reactivity of a Dicopper(I) η^4 -Boryl Cation. <i>Organometallics</i> , 2016, 35, 71-74.	2.3	19
32	The use of palladium chloride as a precatalyst for the amination of aryl bromides. <i>Canadian Journal of Chemistry</i> , 2001, 79, 1799-1805.	1.1	18
33	Heterolysis of Dihydrogen by Silver Alkoxides and Fluorides. <i>Chemistry - A European Journal</i> , 2015, 21, 10160-10169.	3.3	15
34	Synthesis of an Azaphosphatriptycene and Its Rhodium Carbonyl Complex. <i>Organometallics</i> , 2019, 38, 1868-1871.	2.3	14
35	Nitrosonium Reactivity of (NHC)Copper(I) Sulfide Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 9592-9596.	4.0	12
36	Synthesis of a perfluoroalkyl-substituted η^2 -diimine by Sm-mediated reductive coupling. <i>Tetrahedron Letters</i> , 2003, 44, 8073-8076.	1.4	8

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37	A Trigold(I) Ketenylidene Cation. <i>Organometallics</i> , 2017, 36, 3171-3174.	2.3	7
38	cis-Enhanced cyclopropanation catalysts: reaction chemistry of three isomers of Rh ₂ [N(C ₆ H ₅)COCH ₃] ₄ . <i>Tetrahedron Letters</i> , 2003, 44, 2593-2595.	1.4	5
39	A trigold carbide cation stabilized as a labile pyridine adduct. <i>Polyhedron</i> , 2020, 181, 114464.	2.2	5
40	Ligand-based control of nuclearity in (NHC)gold(III) sulfides. <i>Dalton Transactions</i> , 2021, 50, 15721-15729.	3.3	3
41	Synthesis of a Nickel(I) alkoxide and related cation equivalents. <i>Polyhedron</i> , 2021, 208, 115408.	2.2	2
42	Acridine Variations for Coordination Chemistry. <i>Israel Journal of Chemistry</i> , 2020, 60, 433-436.	2.3	0