

Abbas Hassan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/520808/publications.pdf>

Version: 2024-02-01

34
papers

1,336
citations

394421

19
h-index

361022

35
g-index

40
all docs

40
docs citations

40
times ranked

1255
citing authors

#	ARTICLE	IF	CITATIONS
1	1,3-Polyols as Dialdehyde Equivalents in Iridium-Catalyzed Enantioselective Carbonyl Allylation and Iterative Two-Directional Assembly of 1,3-Polyols. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5018-5021.	13.8	162
2	Total Synthesis of (+)-Roxaticin via C-C Bond Forming Transfer Hydrogenation: A Departure from Stoichiometric Chiral Reagents, Auxiliaries, and Premetalated Nucleophiles in Polyketide Construction. <i>Journal of the American Chemical Society</i> , 2010, 132, 15559-15561.	13.7	122
3	Unlocking Hydrogenation for C-C Bond Formation: A Brief Overview of Enantioselective Methods. <i>Organic Process Research and Development</i> , 2011, 15, 1236-1242.	2.7	120
4	Diastereo- and Enantioselective Hydrogenative Aldol Coupling of Vinyl Ketones: Design of Effective Monodentate TADDOL-Like Phosphonite Ligands. <i>Journal of the American Chemical Society</i> , 2008, 130, 2746-2747.	13.7	114
5	Elongation of 1,3-Polyols via Iterative Catalyst-Directed Carbonyl Allylation from the Alcohol Oxidation Level. <i>Organic Letters</i> , 2009, 11, 3112-3115.	4.6	84
6	Design, synthesis and bioevaluation of tricyclic fused ring system as dual binding site acetylcholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2019, 83, 336-347.	4.1	72
7	Enantioselective Conversion of Primary Alcohols to \pm -exo-Methylene β -Butyrolactones via Iridium-Catalyzed C-C Bond-Forming Transfer Hydrogenation: 2-(Alkoxy carbonyl)allylation. <i>Journal of the American Chemical Society</i> , 2012, 134, 11100-11103.	13.7	68
8	Anticancer activity, DNA-binding and DNA-denaturing aptitude of palladium(II) dithiocarbamates. <i>Inorganica Chimica Acta</i> , 2016, 451, 31-40.	2.4	62
9	PdPEPPSI-Pent-2: A Supported Catalyst for Challenging Negishi Coupling Reactions in Flow. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13347-13350.	13.8	56
10	Recent developments in the synthesis of regioregular thiophene-based conjugated polymers for electronic and optoelectronic applications using nickel and palladium-based catalytic systems. <i>RSC Advances</i> , 2020, 10, 4322-4396.	3.6	53
11	Enantioselective Iridium-Catalyzed Vinylogous Reformatsky-Aldol Reaction from the Alcohol Oxidation Level: Linear Regioselectivity by Way of Carbon-Bound Enolates. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3493-3496.	13.8	40
12	Catalytic enantioselective Grignard Nozaki-Hiyama methallylation from the alcohol oxidation level: chloride compensates for Ir-complex instability. <i>Chemical Communications</i> , 2011, 47, 10028.	4.1	35
13	Chemo-, Regio-, and Enantioselective Rhodium-Catalyzed Allylation of Pyridazinones with Terminal Allenes. <i>Organic Letters</i> , 2017, 19, 2326-2329.	4.6	32
14	Design, synthesis, in vitro Evaluation and docking studies on dihydropyrimidine-based urease inhibitors. <i>Bioorganic Chemistry</i> , 2017, 74, 53-65.	4.1	30
15	Consecutive iridium catalyzed C-C and C-H bond forming hydrogenations for the diastereo- and enantioselective synthesis of syn-3-fluoro-1-alcohols: C-H (2-fluoro)allylation of primary alcohols. <i>Chemical Communications</i> , 2012, 48, 4692.	4.1	27
16	Enantioselective total synthesis of the highly selective sphingosine-1-receptor VPC01091 by the Heck desymmetrization of a non-activated cyclopentene-fused spiro-pyrrolidinone. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9476-9480.	2.8	27
17	Exploring the ability of dihydropyrimidine-5-carboxamide and 5-benzyl-2,4-diaminopyrimidine-based analogues for the selective inhibition of L-Amajor dihydrofolate reductase. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 112986.	5.5	22
18	Diastereo- and Enantioselective Reductive Aldol Addition of Vinyl Ketones via Catalytic Hydrogenation. <i>Synthesis</i> , 2008, 2008, 2669-2679.	2.3	20

#	ARTICLE	IF	CITATIONS
19	Sensitive and Selective Detection of Multiple Metal Ions Using Amino Acids Modified Glassy Carbon Electrodes. <i>Journal of the Electrochemical Society</i> , 2018, 165, B67-B73.	2.9	18
20	Pd@PEPPSI@Pentâ€SiO ₂ : A Supported Catalyst for Challenging Negishi Coupling Reactions in Flow. <i>Angewandte Chemie</i> , 2017, 129, 13532-13535.	2.0	17
21	Investigation of new quinoline derivatives as promising inhibitors of NTPDases: Synthesis, SAR analysis and molecular docking studies. <i>Bioorganic Chemistry</i> , 2019, 87, 218-226.	4.1	17
22	Synthesis of biphenyl oxazole derivatives via Suzuki coupling and biological evaluations as nucleotide pyrophosphatase/phosphodiesterase-1 and -3 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 208, 112759.	5.5	17
23	Humidity-sensing and DNA-binding ability of bis(4-benzylpiperazine-1-carbodithioato²-k</sup> nickel(II). <i>Journal of Coordination Chemistry</i> , 2015, 68, 295-307.	2.2	11
24	Nitroxide-mediated radical polymerization of methacryloisobutyl POSS and its block copolymers with poly(acryloylmorpholine). <i>Journal of Polymer Science</i> , 2020, 58, 428-437.	3.8	10
25	Modification of Bischler-Mãhlau indole derivatives through palladium catalyzed Suzuki reaction as effective cholinesterase inhibitors, their kinetic and molecular docking studies. <i>Bioorganic Chemistry</i> , 2018, 76, 166-176.	4.1	8
26	A combine approach of chemical synthesis, biological evaluation and structural dynamics studies revealed thiazole substituted arylamine derivatives as potent FabH enzyme inhibitors. <i>Bioorganic Chemistry</i> , 2020, 105, 104426.	4.1	7
27	Divergent synthesis and elaboration of structure activity relationship for quinoline derivatives as highly selective NTPDase inhibitor. <i>Bioorganic Chemistry</i> , 2021, 115, 105240.	4.1	6
28	Current Progress in Nitrogen Based Chiral Ligands for Pd-catalyzed Asymmetric Transformations. <i>Current Organic Chemistry</i> , 2019, 22, 2460-2486.	1.6	2
29	E- and chemoselective thia-Michael addition to benzyl allenolate. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 969-975.	1.6	1
30	Computational and biological studies of novel thiazolyl coumarin derivatives synthesized through Suzuki coupling. <i>Turkish Journal of Chemistry</i> , 2020, 44, 1610-1622.	1.2	1
31	Identification of novel C-2 symmetric Bis-Azo-Azamehine molecules as competitive inhibitors of mushroom tyrosinase and free radical scavengers: synthesis, kinetics, and molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 4419-4428.	3.5	1
32	Benzimidazole tethered thioureas as a new entry to elastase inhibition and free radical scavenging: Synthesis, molecular docking, and enzyme inhibitory kinetics. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 1929.	2.6	1
33	Integration of C-Acylation in the Solid-Phase Synthesis of Peptides and Peptidomimetics employing Meldrum's Acid, Phosphorus and Sulfur Ylides. <i>Synthesis</i> , 0, 0, .	2.3	1
34	Goldberg Coupling of Thiazole Substituted Aryl Bromide Demands Stoichiometric Copper Compared to Oxazole. <i>ChemistrySelect</i> , 2022, 7, .	1.5	1