

Kourosch Abbaspour Tehrani

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	HFIP-mediated 2-aza-Cope rearrangement: metal-free synthesis of $\hat{1}\pm$ -substituted homoallylamines at ambient temperature. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4067-4075.	1.5	2
2	Thiosulfonylation of Unactivated Alkenes with Visible-Light Organic Photocatalysis. <i>ACS Catalysis</i> , 2020, 10, 8765-8779.	5.5	62
3	Comparative Study of the Vibrational Optical Activity Techniques in Structure Elucidation: The Case of Galantamine. <i>ACS Omega</i> , 2019, 4, 14133-14139.	1.6	9
4	Lewis acidic FeCl ₃ promoted 2-aza-Cope rearrangement to afford $\hat{1}\pm$ -substituted homoallylamines in dimethyl carbonate. <i>RSC Advances</i> , 2019, 9, 18013-18017.	1.7	7
5	Synthesis and antitubercular activity of 1- and 3-substituted benzo[<i>g</i>]isoquinoline-5,10-diones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2923-2939.	1.5	5
6	Synthesis of 3,3-Dichloropiperidines and Further Functionalization via Pd-Catalyzed Cross-Coupling Reactions of the Dichloromethylene Moiety. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 95-103.	1.2	2
7	Synthesis of highly functionalized 1,6-dihydropyridines <i>via</i> the Zn(OTf) ₂ -catalyzed three-component cascade reaction of aldimines and two alkynes (IA ₂ -coupling). <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3241-3247.	1.5	9
8	Zinc(II)-Catalyzed Synthesis of Propargylamines by Coupling Aldimines and Ketimines with Alkynes. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 78-88.	1.2	15
9	Synthesis of 1-Aza-6,7-dehydrotropanes via Copper(I)-Catalyzed Coupling of 5-Chloropentan-2-one with Hydrazines and Terminal Alkynes. <i>Synlett</i> , 2018, 29, 2643-2647.	1.0	2
10	Zn(OTf) ₂ -Catalyzed Synthesis of 2-Alkynylazetidines and their Ring Expansion to Functionalized 1,4,5,6-Tetrahydropyridines. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4393-4401.	2.1	7
11	The Use of Calcium Carbide as Acetylene Source in a Three-Component Coupling with $\hat{1}\%$ -Chlorinated Ketones and Primary Amines. <i>Chemistry - A European Journal</i> , 2018, 24, 16645-16651.	1.7	32
12	Cooperative Electrocatalytic and Chemoselective Alcohol Oxidation by Shvo's Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 919-925.	2.1	12
13	Iron-Catalyzed Aerobic Oxidation of (Alkyl)(aryl)azinylmethanes. <i>Synlett</i> , 2017, 28, 1564-1569.	1.0	14
14	Mediated electrolysis of vicinal diols by neocuproine palladium catalysts. <i>Electrochimica Acta</i> , 2017, 247, 685-691.	2.6	2
15	Base metal-catalyzed benzylic oxidation of (aryl)(heteroaryl)methanes with molecular oxygen. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 144-153.	1.3	48
16	Stereochemistry of the Brivaracetam Diastereoisomers. <i>Chirality</i> , 2016, 28, 215-225.	1.3	17
17	Metal-Free Synthesis of Chlorinated $\hat{1}$ -Amino Ketones <i>via</i> an Unexpected Reaction of Imines with Arylacetylenes in 1,1,1,3,3,3-Hexafluoro-2-propanol. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 41-49.	2.1	19
18	Synthesis of novel 2-aryl-3-benzoyl-1H-benzo[<i>f</i>]indole-4,9-diones using a domino reaction. <i>Tetrahedron Letters</i> , 2016, 57, 4352-4355.	0.7	18

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19	Copper(I)-Catalyzed Ketone, Amine, and Alkyne Coupling for the Synthesis of 2-Alkynylpyrrolidines and -piperidines. <i>Organic Letters</i> , 2016, 18, 4782-4785.	2.4	20
20	Synthesis and anti-tubercular activity of N ² -arylbenzo[g]isoquinoline-5,10-dione-3-iminium bromides. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2041-2051.	1.5	8
21	Mechanism of the Cull-catalyzed benzylic oxygenation of (aryl)(heteroaryl)methanes with oxygen. <i>Chemical Science</i> , 2016, 7, 346-357.	3.7	86
22	Indium(iii)-catalyzed tandem synthesis of 2-alkynyl-3,3-dichloropyrrolidines and their conversion to 3-chloropyrroles. <i>RSC Advances</i> , 2015, 5, 10139-10151.	1.7	11
23	The electrochemistry of tetrapropylammonium perruthenate, its role in the oxidation of primary alcohols and its potential for electrochemical recycling. <i>Electrochimica Acta</i> , 2015, 182, 693-698.	2.6	6
24	New short and general synthesis of three key Maillard flavour compounds: 2-Acetyl-1-pyrroline, 6-acetyl-1,2,3,4-tetrahydropyridine and 5-acetyl-2,3-dihydro-4H-1,4-thiazine. <i>Food Chemistry</i> , 2015, 168, 327-331.	4.2	19
25	Lewis Acid Mediated Vinyl \rightarrow Transfer Reaction of Alkynes to <i>N</i> -Alkylimines by Using the <i>N</i> -Alkyl Residue as a Sacrificial Hydrogen Donor. <i>Chemistry - A European Journal</i> , 2013, 19, 14263-14270.	1.7	11
26	Stereochemistry of the Tadalafil Diastereoisomers: A Critical Assessment of Vibrational Circular Dichroism, Electronic Circular Dichroism, and Optical Rotatory Dispersion. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 8903-8914.	2.9	54
27	Application of 3-Bromo-3-ethylazetidines and 3-Ethylideneazetidines for the Synthesis of Functionalized Azetidines. <i>Synlett</i> , 2013, 25, 75-80.	1.0	5
28	An Indium(III)-Catalyzed Synthesis of 4,4-Dichloro-1-aryln ² -alkyl-1,3-diazines <i>via</i> an Intermolecular C(sp ²) \rightarrow C(sp ²) Bond Formation. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 3461-3467.	2.1	16
29	Synthesis of Aryl(di)aziny Ketones through Copper- and Iron-catalyzed Oxidation of the Methylene Group of Aryl(di)aziny methanes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2745-2748.	7.2	129
30	Synthesis of 3-functionalized 3-methylazetidines. <i>Tetrahedron Letters</i> , 2012, 53, 107-110.	0.7	11
31	Synthesis of natural pyranonaphthoquinones and related antibiotic aza-analogues. <i>Pure and Applied Chemistry</i> , 2011, 83, 1651-1674.	0.9	10
32	Synthesis of 3-Methoxyazetidines via an Aziridine to Azetidine Rearrangement and Theoretical Rationalization of the Reaction Mechanism. <i>Journal of Organic Chemistry</i> , 2011, 76, 2157-2167.	1.7	42
33	Synthesis of 1-substituted 1,2,3,4-tetrahydrobenz[g]isoquinoline-5,10-diones. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 538-548.	1.5	17
34	A survey of synthetic routes towards 2-azaanthraquinones. <i>Tetrahedron</i> , 2011, 67, 9459-9471.	1.0	11
35	Highly efficient one-pot synthesis of D-ring chloro-substituted neocryptolepines via a condensation \rightarrow Pd-catalyzed intramolecular direct arylation strategy. <i>Tetrahedron</i> , 2011, 67, 655-659.	1.0	25
36	Unexpected reaction of 2-amino-1,4-naphthoquinone with aldehydes: new synthesis of naphtho[2,1-d]oxazole compounds. <i>Tetrahedron</i> , 2011, 67, 512-517.	1.0	18

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37	Synthesis of 3-substituted benzo[<i>g</i>]isoquinoline-5,10-diones: a convenient one-pot Sonogashira coupling/iminoannulation procedure. <i>Tetrahedron</i> , 2011, 67, 2269-2278.	1.0	11
38	Monofluorinated aziridines in asymmetric synthesis of chiral fluorinated prop-2-yn-1-amines. <i>Russian Journal of Organic Chemistry</i> , 2010, 46, 976-986.	0.3	4
39	A New Synthesis of Benzo[<i>f</i>]isoindole-4,9-diones by Radical Alkylation and Bromomethylation of 1,4-Naphthoquinones. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4882-4892.	1.2	23
40	Synthesis of 2-(3-hydroxy-2-methyl-1-alkenyl)-1-pyrrolines and 2-(3-hydroxybutyl)-1-pyrroline using \hat{I}^{\pm} -lithiated 2-methyl-1-pyrroline. <i>Tetrahedron</i> , 2009, 65, 3753-3756.	1.0	2
41	Synthesis and reactivity of alkenyl- and alkynyl-substituted \hat{I}^2, \hat{I}^2 -dihalo- and \hat{I}^2, \hat{I}^2 -trichloroamines. <i>Tetrahedron</i> , 2009, 65, 1957-1966.	1.0	18
42	The interaction of metal ions with Maillard reaction products in a lactose-glycine model system. <i>Food Research International</i> , 2009, 42, 331-336.	2.9	79
43	Siderophore-mediated iron acquisition in the entomopathogenic bacterium <i>Pseudomonas entomophila</i> L48 and its close relative <i>Pseudomonas putida</i> KT2440. <i>BioMetals</i> , 2009, 22, 951-964.	1.8	77
44	Syntheses and Transformations of 2-Methyleneaziridines and 2-Methyleneazetidines. <i>Current Organic Chemistry</i> , 2009, 13, 854-877.	0.9	45
45	Fluoroaziridines as novel substrates in the modified Petasis reaction: synthesis of monofluorinated propargyl amines. <i>Tetrahedron</i> , 2008, 64, 117-123.	1.0	16
46	Carbon-carbon bond formation via a tandem cationic 2-aza-Cope rearrangement-Lewis acid promoted Petasis reaction. <i>Tetrahedron</i> , 2008, 64, 3457-3463.	1.0	18
47	Synthesis of N-substituted 1,2,3,4-tetrahydrobenzo[<i>g</i>]isoquinoline-5,10-diones. <i>Tetrahedron</i> , 2008, 64, 5345-5353.	1.0	13
48	Synthesis and reactivity of 3-(2-chloroalkyl)-2,2-dihaloaziridines. <i>Tetrahedron</i> , 2008, 64, 7524-7530.	1.0	14
49	Synthesis of Benzo[<i>f</i>]isoindole-4,9-diones. <i>Journal of Organic Chemistry</i> , 2008, 73, 7555-7559.	1.7	29
50	Novel Boronic Acid Mannich Reactions of $\hat{I}^{\pm}, \hat{I}^{\pm}$ -Dichloro- and $\hat{I}^{\pm}, \hat{I}^{\pm}, \hat{I}^{\pm}$ -Tri-Chloro-Aldehydes with Arylboronic Acids. <i>Synthesis</i> , 2007, 2007, 433-441.	1.2	0
51	Lewis acid promoted Mannich type reactions of $\hat{I}^{\pm}, \hat{I}^{\pm}$ -dichloro aldimines with potassium organotrifluoroborates. <i>Tetrahedron</i> , 2007, 63, 8921-8931.	1.0	27
52	Thioquinolobactin, a <i>Pseudomonas</i> siderophore with antifungal and anti- <i>Pythium</i> activity. <i>Environmental Microbiology</i> , 2007, 9, 425-434.	1.8	122
53	A simple route to side-chain fluorinated \hat{I}^2 -lactams from ring-fluorinated aziridines. <i>Journal of Fluorine Chemistry</i> , 2007, 128, 114-119.	0.9	9
54	Synthesis of Harounoside, A Naturally Occurring Pentalongin Hydroquinone Bisglucoside. <i>Synlett</i> , 2006, 2006, 2469-2471.	1.0	2

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55	Alkylation of deactivated aromatic compounds on zeolites. Adsorption, deactivation and selectivity effects in the alkylation of bromobenzene and toluene with bifunctional alkylating agents. <i>Journal of Catalysis</i> , 2005, 235, 128-138.	3.1	13
56	Hydride-Promoted Ring Expansion of 2-Azaspiropyrrrolinium Salts: An Approach Towards the Synthesis of (-)-Nitramine. <i>Synlett</i> , 2005, 2005, 1726-1730.	1.0	2
57	The <i>Pseudomonas siderophore</i> quinolobactin is synthesized from xanthurenic acid, an intermediate of the kynurenine pathway. <i>Molecular Microbiology</i> , 2004, 52, 371-384.	1.2	98
58	Detailed Investigation of the Production of the Bread Flavor Component 6-Acetyl-1,2,3,4-tetrahydropyridine in Proline/1,3-Dihydroxyacetone Model Systems. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 5685-5693.	2.4	17
59	Genotoxicity of Melanoidin Fractions Derived from a Standard Glucose/Glycine Model. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 318-323.	2.4	42
60	Electron Transfer Induced Ring Opening of 2-(Bromomethyl)aziridines by Magnesium in Methanol.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
61	Synthesis of 1-Alkyl-2-methylazetid-3-ones and 1-Alkyl-2-methylazetid-3-ols.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
62	Novel Synthesis of Indolizidines and Quinolizidines.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
63	Synthesis of 1-alkyl-2-methylazetid-3-ones and 1-alkyl-2-methylazetid-3-ols. <i>Tetrahedron</i> , 2003, 59, 2231-2239.	1.0	25
64	Novel synthesis of indolizidines and quinolizidines. <i>Tetrahedron</i> , 2003, 59, 3099-3108.	1.0	36
65	Characterization of Model Melanoidins by the Thermal Degradation Profile. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4338-4343.	2.4	41
66	NOVEL SYNTHESIS OF FUNCTIONALIZED 2-PYRROLIDINONES via UNSATURATED IMIDOYL CYANIDES. <i>Organic Preparations and Procedures International</i> , 2003, 35, 215-219.	0.6	2
67	The Chemistry of the Most Important Maillard Flavor Compounds of Bread and Cooked Rice. <i>ACS Symposium Series</i> , 2002, , 150-165.	0.5	13
68	Flavor Release in the Presence of Melanoidins Prepared from l-(+)-Ascorbic Acid and Amino Acids. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 4244-4250.	2.4	30
69	Thermal Degradation Studies of Glucose/Glycine Melanoidins. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 4062-4068.	2.4	30
70	Electron transfer induced ring opening of 2-(bromomethyl)aziridines by magnesium in methanol. <i>Tetrahedron</i> , 2002, 58, 7145-7152.	1.0	27
71	Grob-type fragmentation of N-alkyl-2-cyano-5-bromopiperidines to unsaturated imidoyl cyanides. <i>Tetrahedron Letters</i> , 2001, 42, 3921-3923.	0.7	13
72	Synthesis of 5-alkyl-4-amino-2-(trifluoromethyl)pyridines and their transformation into trifluoromethylated 1 H -pyrazolo[4,3- c]pyridines. <i>Tetrahedron</i> , 2001, 57, 2051-2055.	1.0	25

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73	Regiospecific Synthesis of $\hat{1}\pm$ -Diones, $\hat{1}\pm, \hat{1}\pm$ -Dialkoxyketones and $\hat{1}\pm$ -Alkoxy- $\hat{1}\pm$ -sulfenylated Ketones. <i>Tetrahedron</i> , 2000, 56, 6541-6548.	1.0	9
74	Boron(III) bromide-induced ring contraction of 3-oxygenated piperidines to 2-(bromomethyl)pyrrolidines. <i>Tetrahedron Letters</i> , 2000, 41, 2507-2510.	0.7	27
75	New synthesis of 2-methyleneaziridines and 2-methyleneazetidines by dimethyl titanocene mediated methylenation of $\hat{1}\pm$ - and $\hat{1}^2$ -lactams. <i>Tetrahedron Letters</i> , 2000, 41, 1975-1978.	0.7	26
76	Isopurpurasol, a coumarin from <i>Pterocaulon virgatum</i> . <i>Phytochemistry</i> , 1999, 51, 701-703.	1.4	13
77	Synthesis of 2-acyl-3-chloropyrroles: Application to the synthesis of the trail pheromone of the ant <i>Atta texana</i> . <i>Tetrahedron</i> , 1999, 55, 4133-4152.	1.0	24
78	Syntheses and Reactions of 1-Amino-2,2-dialkylcyclopropane-1-carbonitriles and -carboxamides as Potential Precursors of ACC Derivatives. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 239-250.	1.2	10
79	New synthetic approaches to 2-perfluoroalkyl-4H-pyran-4-ones. <i>Tetrahedron</i> , 1998, 54, 2819-2826.	1.0	30
80	A convenient synthesis of 3-functionalized 5-alkoxymethyl- and 5-phenoxyethyl-2(5H)-furanones and their transformations into related epoxy and methylene lactones. <i>Tetrahedron</i> , 1998, 54, 1801-1808.	1.0	17
81	A FACILE SYNTHESIS OF o-, m-, p-(TRIMETHYLSTANNYL)BENZYL CHLORIDES AND AMINES. <i>Organic Preparations and Procedures International</i> , 1998, 30, 447-451.	0.6	1
82	Synthesis of 3-halopyrroles. <i>Tetrahedron</i> , 1997, 53, 3693-3706.	1.0	45
83	Synthesis of 4,4-Disubstituted $\hat{1}^2$ -Lactams by Regiospecific Electrophile- and Silver-Induced Ring Expansion of 2,2-Disubstituted 1-Methoxycyclopropylamines. <i>Journal of Organic Chemistry</i> , 1996, 61, 6500-6503.	1.7	34
84	Straightforward Synthesis of 1-Amino-2,2-dialkylcyclopropanecarboxylic Acids via Selective Saponification of 2,2-Dialkylcyclopropane-1,1-dicarboxylic Esters and Curtius Rearrangement. <i>Journal of Organic Chemistry</i> , 1994, 59, 8215-8219.	1.7	24
85	Synthesis of 1-Amino-2,2-dialkylcyclopropanecarboxylic Acids via Base-Induced Cyclization of γ -Chloro- α -imino Esters. <i>Journal of Organic Chemistry</i> , 1994, 59, 6973-6985.	1.7	33