

# Kourosch Abbaspour Tehrani

## List of Publications by Year in descending order

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85  
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25  
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288905

40  
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108  
all docs

108  
docs citations

108  
times ranked

2255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Aryl(di)azinyl Ketones through Copper- and Iron-catalyzed Oxidation of the Methylene Group of Aryl(di)azinylmethanes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2745-2748.	7.2	129
2	Thioquinolobactin, a <i>Pseudomonas siderophore</i> with antifungal and anti- <i>Pythium</i> activity. <i>Environmental Microbiology</i> , 2007, 9, 425-434.	1.8	122
3	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
4	Mechanism of the Cu-catalyzed benzylic oxygenation of (aryl)(heteroaryl)methanes with oxygen. <i>Chemical Science</i> , 2016, 7, 346-357.	3.7	86
5	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
6	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
7	Thiosulfonylation of Unactivated Alkenes with Visible-Light Organic Photocatalysis. <i>ACS Catalysis</i> , 2020, 10, 8765-8779.	5.5	62
8	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
9	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
10	Synthesis of 3-halopyrroles. <i>Tetrahedron</i> , 1997, 53, 3693-3706.	1.0	45
11	Syntheses and Transformations of 2-Methyleneaziridines and 2-Methyleneazetidines. <i>Current Organic Chemistry</i> , 2009, 13, 854-877.	0.9	45
12	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
13	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
14	Characterization of Model Melanoidins by the Thermal Degradation Profile. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4338-4343.	2.4	41
15	Novel synthesis of indolizidines and quinolizidines. <i>Tetrahedron</i> , 2003, 59, 3099-3108.	1.0	36
16	Synthesis of 4,4-Disubstituted $\beta$ -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
17	Synthesis of 1-Amino-2,2-dialkylcyclopropanecarboxylic Acids via Base-Induced Cyclization of $\gamma$ -Chloro- $\alpha$ -imino Esters. <i>Journal of Organic Chemistry</i> , 1994, 59, 6973-6985.	1.7	33
18	The Use of Calcium Carbide as Acetylene Source in a Three-Component Coupling with $\alpha$ -Chlorinated Ketones and Primary Amines. <i>Chemistry - A European Journal</i> , 2018, 24, 16645-16651.	1.7	32

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19	New synthetic approaches to 2-perfluoroalkyl-4H-pyran-4-ones. <i>Tetrahedron</i> , 1998, 54, 2819-2826.	1.0	30
20	Flavor Release in the Presence of Melanoidins Prepared from (+)-Ascorbic Acid and Amino Acids. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 4244-4250.	2.4	30
21	Thermal Degradation Studies of Glucose/Glycine Melanoidins. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 4062-4068.	2.4	30
22	Synthesis of Benzo[ <i>f</i> ]isoindole-4,9-diones. <i>Journal of Organic Chemistry</i> , 2008, 73, 7555-7559.	1.7	29
23	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
24	Electron transfer induced ring opening of 2-(bromomethyl)aziridines by magnesium in methanol. <i>Tetrahedron</i> , 2002, 58, 7145-7152.	1.0	27
25	Lewis acid promoted Mannich type reactions of $\beta,\beta$ -dichloro aldimines with potassium organotrifluoroborates. <i>Tetrahedron</i> , 2007, 63, 8921-8931.	1.0	27
26	New synthesis of 2-methyleneaziridines and 2-methyleneazetidines by dimethyl titanocene mediated methylenation of $\beta$ - and $\gamma$ -lactams. <i>Tetrahedron Letters</i> , 2000, 41, 1975-1978.	0.7	26
27	Synthesis of 5-alkyl-4-amino-2-(trifluoromethyl)pyridines and their transformation into trifluoromethylated 1H-pyrazolo[4,3- <i>c</i> ]pyridines. <i>Tetrahedron</i> , 2001, 57, 2051-2055.	1.0	25
28	Synthesis of 1-alkyl-2-methylazetidion-3-ones and 1-alkyl-2-methylazetidion-3-ols. <i>Tetrahedron</i> , 2003, 59, 2231-2239.	1.0	25
29	Highly efficient one-pot synthesis of D-ring chloro-substituted neocryptolepines via a condensation-Pd-catalyzed intramolecular direct arylation strategy. <i>Tetrahedron</i> , 2011, 67, 655-659.	1.0	25
30	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
31	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
32	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
33	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
34	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
35	Metal-Free Synthesis of Chlorinated $\beta$ -Amino Ketones via 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
36	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

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37	Synthesis and reactivity of alkenyl- and alkynyl-substituted $\hat{1}^2, \hat{1}^2$ -dihalo- and $\hat{1}^2, \hat{1}^2$ -trichloroamines. <i>Tetrahedron</i> , 2009, 65, 1957-1966.	1.0	18
38	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
39	Synthesis of novel 2-aryl-3-benzoyl-1H-benzo[f]indole-4,9-diones using a domino reaction. <i>Tetrahedron Letters</i> , 2016, 57, 4352-4355.	0.7	18
40	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
41	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
42	Synthesis of 1-substituted 1,2,3,4-tetrahydrobenz[ <i>g</i> ]isoquinoline-5,10-diones. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 538-548.	1.5	17
43	Stereochemistry of the Brivaracetam Diastereoisomers. <i>Chirality</i> , 2016, 28, 215-225.	1.3	17
44	Fluoroaziridines as novel substrates in the modified Petasis reaction: synthesis of monofluorinated propargyl amines. <i>Tetrahedron</i> , 2008, 64, 117-123.	1.0	16
45	An Indium(III)-Catalyzed Synthesis of 4,4-Dichloro-1-aryln-alkyl-1-yn-3-amines via an Intermolecular C(sp <sup>2</sup> ) <sub>2</sub> C(sp) Bond Formation. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 3461-3467.	2.1	16
46	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
47	Synthesis and reactivity of 3-(2-chloroalkyl)-2,2-dihaloaziridines. <i>Tetrahedron</i> , 2008, 64, 7524-7530.	1.0	14
48	Iron-Catalyzed Aerobic Oxidation of (Alkyl)(aryl)azinyldimethanes. <i>Synlett</i> , 2017, 28, 1564-1569.	1.0	14
49	Isopurpurasol, a coumarin from <i>Pterocaulon virgatum</i> . <i>Phytochemistry</i> , 1999, 51, 701-703.	1.4	13
50	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
51	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
52	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
53	Synthesis of N-substituted 1,2,3,4-tetrahydrobenz[ <i>g</i> ]isoquinoline-5,10-diones. <i>Tetrahedron</i> , 2008, 64, 5345-5353.	1.0	13
54	Cooperative Electrocatalytic and Chemoselective Alcohol Oxidation by Shvo's Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 919-925.	2.1	12

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55	A survey of synthetic routes towards 2-azaanthraquinones. <i>Tetrahedron</i> , 2011, 67, 9459-9471.	1.0	11
56	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
57	Synthesis of 3-functionalized 3-methylazetidines. <i>Tetrahedron Letters</i> , 2012, 53, 107-110.	0.7	11
58	Lewis Acid Mediated Vinyl $\rightarrow$ Transfer Reaction of Alkynes to <i>N</i> -Alkylamines 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
59	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
60	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
61	Synthesis of natural pyranonaphthoquinones and related antibiotic aza-analogues. <i>Pure and Applied Chemistry</i> , 2011, 83, 1651-1674.	0.9	10
62	Regiospecific Synthesis of $\beta$ -Diones, $\beta$ -Dialkoxyketones and $\beta$ -Alkoxy- $\beta$ -sulfenylated Ketones. <i>Tetrahedron</i> , 2000, 56, 6541-6548.	1.0	9
63	A simple route to side-chain fluorinated $\beta$ -lactams from ring-fluorinated aziridines. <i>Journal of Fluorine Chemistry</i> , 2007, 128, 114-119.	0.9	9
64	Synthesis of highly functionalized 1,6-dihydropyridines via the Zn(OTf) <sub>2</sub> -catalyzed three-component cascade reaction of aldimines and two alkynes (IA <sup>2</sup> -coupling). <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3241-3247.	1.5	9
65	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
66	Synthesis and anti-tubercular activity of <i>N</i> -arylbenzo[ <i>g</i> ]isoquinoline-5,10-dione-3-iminium bromides. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2041-2051.	1.5	8
67	Zn(OTf) <sub>2</sub> -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
68	Lewis acidic FeCl <sub>3</sub> promoted 2-aza-Cope rearrangement to afford $\beta$ -substituted homoallylamines in dimethyl carbonate. <i>RSC Advances</i> , 2019, 9, 18013-18017.	1.7	7
69	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
70	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
71	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
72	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

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73	NOVEL SYNTHESIS OF FUNCTIONALIZED 2-PYRROLIDINONES via UNSATURATED IMIDOYL CYANIDES. <i>Organic Preparations and Procedures International</i> , 2003, 35, 215-219.	0.6	2
74	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
75	Synthesis of Harounoside, A Naturally Occurring Pentalongin Hydroquinone Bisglucoside. <i>Synlett</i> , 2006, 2006, 2469-2471.	1.0	2
76	Synthesis of 2-(3-hydroxy-2-methyl-1-alkenyl)-1-pyrrolines and 2-(3-hydroxybutyl)-1-pyrroline using $\beta$ -lithiated 2-methyl-1-pyrroline. <i>Tetrahedron</i> , 2009, 65, 3753-3756.	1.0	2
77	Mediated electrolysis of vicinal diols by neocuproine palladium catalysts. <i>Electrochimica Acta</i> , 2017, 247, 685-691.	2.6	2
78	Synthesis of 1-Aza-6,7-dehydrotropans 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
79	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
80	HFIP-mediated 2-aza-Cope rearrangement: metal-free synthesis of $\beta$ -substituted homoallylamines at ambient temperature. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4067-4075.	1.5	2
81	A FACILE SYNTHESIS OF <i>o,m,p</i> -(TRIMETHYLSTANNYL)BENZYL CHLORIDES AND AMINES. <i>Organic Preparations and Procedures International</i> , 1998, 30, 447-451.	0.6	1
82	Electron Transfer Induced Ring Opening of 2-(Bromomethyl)aziridines by Magnesium in Methanol. <i>ChemInform</i> , 2003, 34, no.	0.1	0
83	Synthesis of 1-Alkyl-2-methylazetid-3-ones and 1-Alkyl-2-methylazetid-3-ols. <i>ChemInform</i> , 2003, 34, no.	0.1	0
84	Novel Synthesis of Indolizidines and Quinolizidines. <i>ChemInform</i> , 2003, 34, no.	0.1	0
85	Novel Boronic Acid Mannich Reactions of $\beta,\beta$ -Dichloro- and $\beta,\beta$ -Trichloro Aldehydes with Arylboronic Acids. <i>Synthesis</i> , 2007, 2007, 433-441.	1.2	0