Faiz Ahmed Khan

List of Publications by Year
in descending order

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92	2,223	394421 19	233421 45
papers	citations	h-index	g-index

101	101	101	1628
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Palladium-Catalyzed Reactions of Allenes. Chemical Reviews, 2000, 100, 3067-3126.	47.7	817
2	Hydrotalcite catalysis in ionic liquid medium: a recyclable reaction system for heterogeneous Knoevenagel and nitroaldol condensation. Tetrahedron Letters, 2004, 45, 3055-3058.	1.4	114
3	Chemoselective reduction of aromatic nitro and azo compounds in ionic liquids using zinc and ammonium salts. Tetrahedron Letters, 2003, 44, 7783-7787.	1.4	104
4	Electronic control of .pi.-facial selectivities in nucleophilic additions to 7-norbornanones. Journal of the American Chemical Society, 1990, 112, 6140-6142.	13.7	90
5	A Ruthenium-Catalyzed, Novel and Facile Procedure for the Conversion of Vicinal Dihaloalkenes to Î±-Diketones. Journal of the American Chemical Society, 2000, 122, 9558-9559.	13.7	71
6	A simple computational model for predicting .pi.-facial selectivity in reductions of sterically unbiased ketones. Relative importance of electrostatic and orbital interactions. Journal of Organic Chemistry, 1993, 58, 1734-1739.	3.2	67
7	An Easy Access to Î³-Lactone-Fused Cyclopentanoids. Journal of Organic Chemistry, 2002, 67, 3783-3787.	3.2	36
8	Electrostatic vs. Orbital Control of Facial Selectivities in ? Systems: Experimental and Theoretical Study of Electrophilic Additions to 7-Isopropylidenenorbornanes. Angewandte Chemie International Edition in English, 1994, 33, 1390-1392.	4.4	34
9	Indenone derivatives as inhibitor of human DNA dealkylation repair enzyme AlkBH3. Bioorganic and Medicinal Chemistry, 2018, 26, 4100-4112.	3.0	33
10	Azacrown-oxabridged macrocycle: a novel hybrid fluorogenic chemosensor for transition and heavy metal ions. Chemical Communications, 2009, , 2399.	4.1	32
11	Modulation of Ï€-facial selectivities in nucleophilic additions to 7-norbornenones. Tetrahedron Letters, 1992, 33, 3065-3068.	1.4	31
12	Synthesis of a Novel, Highly Symmetric Bis-Oxa-Bridged Compound. Journal of the American Chemical Society, 2002, 124, 2424-2425.	13.7	31
13	Total synthesis of (Â±)-pentenomycin. Tetrahedron Letters, 2006, 47, 5251-5253.	1.4	31
14	Concise Synthesis of Novel Oxa-Bridged Compounds. Journal of Organic Chemistry, 2005, 70, 7565-7577.	3.2	29
15	Oxygen as moderator in the zinc-mediated reduction of aromatic nitro to azoxy compounds. Tetrahedron Letters, 2009, 50, 3394-3396.	1.4	27
16	Indium-Mediated, Highly Efficient and Diastereoselective Addition of Cyclic Secondary Allylic Bromides to Carbonyl Compounds. Tetrahedron, 2000, 56, 7595-7599.	1.9	24
17	An Efficient Route to Pentasubstituted Phenols. European Journal of Organic Chemistry, 2006, 2006, 672-676.	2.4	23
18	Modification of Ï€-face selectivity of 7-norbornenones during reduction in Î²-cyclodextrin and solid state. Tetrahedron Letters, 1992, 33, 7977-7980.	1.4	22

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19	Syntheses of a library of molecules on the marine natural product ianthelliformisamines platform and their biological evaluation. Organic and Biomolecular Chemistry, 2014, 12, 3847.	2.8	20
20	Ground state geometric distortions distal substituent effects in determining the Î²-facial selectivity in 7-norbornenones. Tetrahedron Letters, 1992, 33, 3069-3072.	1.4	19
21	Regio- and Diastereoselective Reduction of Nonenolizable Î±-Diketones to Acyloins Mediated by Indium Metal. Organic Letters, 2002, 4, 1015-1018.	4.6	19
22	A Novel and Expeditious Approach to Unusual Spirolactam Building Blocks. Journal of Organic Chemistry, 2003, 68, 4556-4559.	3.2	18
23	Benzannulated Cyclooctanol Derivatives by Samarium Diiodide Induced Intramolecular Carbonylâ€“Alkene Coupling â€“ Scope, Limitations, Stereoselectivity. European Journal of Organic Chemistry, 2006, 2006, 4419-4428.	2.4	18
24	A simple and preparatively useful tributylstannane mediated selective reduction and bridgehead functionalization of tetrahalonorbornene derivatives. Tetrahedron Letters, 1999, 40, 9289-9292.	1.4	17
25	Indium-Mediated Regio- and Diastereoselective Reduction of NorbornylÎ±-Diketones. Chemistry - A European Journal, 2004, 10, 2507-2519.	3.3	17
26	Grob Fragmentation of Norbornyl Î±-Diketones: A Route to Î±-Ketoenols and Aromatic Compounds. Journal of Organic Chemistry, 2011, 76, 3320-3328.	3.2	16
27	Total synthesis of a novel oxa-bowl natural product paracaseolide A via a â€˜putativeâ€™ biomimetic pathway. Tetrahedron Letters, 2013, 54, 3522-3525.	1.4	16
28	A Rapid and Stereoselective Route to thetrans-Hydrindane Ring System. Journal of Organic Chemistry, 2004, 69, 5295-5301.	3.2	15
29	A model approach towards the polycyclic framework present in cembranoid natural products dissectolide A, plumarellide and mandapamate. Tetrahedron Letters, 2014, 55, 7068-7071.	1.4	15
30	A domino reaction of tetrahalo-7,7-dimethoxybicyclo[2.2.1]heptenyl alcohols leading to indenones and a de novo synthesis of ninhydrin derivatives. Organic and Biomolecular Chemistry, 2015, 13, 299-308.	2.8	15
31	Synthesis of a novel, bowl-like bis Î³-lactone. Tetrahedron Letters, 2007, 48, 207-209.	1.4	14
32	Alkyl Enol Ethers: Development in Intermolecular Organic Transformation. Chemistry - an Asian Journal, 2021, 16, 1685-1702.	3.3	14
33	A Novel Pd(0)-Catalyzed One-Pot Transformation of Substituted Siloxycyclopropanes to Indane Derivatives. Synlett, 1996, 1996, 533-535.	1.8	13
34	BF3-Et2O mediated skeletal rearrangements of norbornyl appended cyclopentanediols. Organic and Biomolecular Chemistry, 2015, 13, 2768-2775.	2.8	13
35	A short and stereoselective synthesis of functionalized pentenomycin derivatives. Tetrahedron Letters, 2004, 45, 9285-9288.	1.4	12
36	Synthesis of marine brominated alkaloid amathamide F:ÂaÂpalladium-catalyzed enamide synthesis. Tetrahedron, 2015, 71, 4192-4202.	1.9	12

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37	Rearrangement of 1,4,5,6-tetrahalo-7,7-dimethoxybicyclo[2.2.1]hept-5-en-2-ones to phenolic derivatives. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 3132-3134.	1.3	11
38	A Formal Total Synthesis of (Â±)-Neplanocin A. Journal of Organic Chemistry, 2007, 72, 7011-7013.	3.2	11
39	Synthesis of Reported and Revised Structures of Amathamide D and Synthesis of Convolutamine F, H and Lutamide A, C. Journal of Organic Chemistry, 2012, 77, 2389-2397.	3.2	11
40	Superoxide mediated isomerization of 4-aryl-but-1-ynes to 1-aryl-1,3-butadienes. Tetrahedron, 2015, 71, 7600-7607.	1.9	11
41	Synthesis and electrochemical properties of substituted para-benzoquinone derivatives. Tetrahedron Letters, 2010, 51, 2541-2544.	1.4	10
42	Synthesis of wilsoniamines A and B. Tetrahedron Letters, 2013, 54, 2996-2998.	1.4	10
43	1â€Butylâ€3â€methylâ€imidazolium Tetrafluoroborate as a Recyclable Reaction Medium for Henry Reaction. Synthetic Communications, 2005, 35, 201-207.	2.1	9
44	Synthesis of tribromobenzofuran and tribromobenzopyran derivatives from methyl 2-allyl-4,5,6-tribromo-3-hydroxybenzoate. Tetrahedron Letters, 2007, 48, 85-88.	1.4	9
45	A short, general, Suzukiâ€“Miyaura coupling anchored approach to 3-alkenylbutenolides: total synthesis of akolactones A & B, hamabiwalactone B and ancepsenolide. Tetrahedron, 2015, 71, 3209-3215.	1.9	9
46	Symmetrical and un-symmetrical curcumin analogues as selective COX-1 and COX-2 inhibitor. European Journal of Pharmaceutical Sciences, 2021, 160, 105743.	4.0	9
47	An Efficient Synthesis of Substituted metaâ€Halophenols and Their Methyl Ethers: Insight into the Reaction Mechanism. European Journal of Organic Chemistry, 2010, 2010, 2954-2970.	2.4	8
48	Grob-type fragmentation of 5-oxabicyclo[2.1.1]hexane system: a strategy for synthesis of annulated and 2,2,5-trisubstituted tetrahydrofurans. Tetrahedron, 2013, 69, 8494-8504.	1.9	8
49	Direct Î±-Benzylation of Methyl Enol Ethers with Activated Benzyl Alcohols: Its Rearrangement and Access to (Â±)-Tetrahydronyasol, Propterol A, and 1,3-Diarylpropane. Journal of Organic Chemistry, 2019, 84, 14270-14280.	3.2	8
50	Synthesis and antibacterial activities of marine natural product ianthelliformisamines and subereamine synthetic analogues. Bioorganic and Medicinal Chemistry Letters, 2021, 39, 127883.	2.2	8
51	A new reaction of diazomethane with norbornyl Î±-diketones. Tetrahedron Letters, 2005, 46, 7193-7196.	1.4	7
52	An efficient synthesis of diquinane-based bis-Î³-lactones. Tetrahedron Letters, 2006, 47, 7567-7570.	1.4	7
53	Serendipitously Discovered Diazomethane-Mediated Novel Molecular Rearrangements of Norbornyl Î±-Ketohemiketals. Organic Letters, 2007, 9, 1581-1584.	4.6	7
54	A stereoselective CC free-radical cascade route to optically pure and potentially useful tetracyclic amines. Tetrahedron Letters, 2008, 49, 6111-6114.	1.4	7

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55	Synthesis of carbazole analogs via Grob fragmentation of norbornyl Î±-diketones. Tetrahedron Letters, 2016, 57, 3449-3452.	1.4	7
56	Synthesis of Trichlorophenol Derivatives. Synthetic Communications, 2006, 36, 3749-3760.	2.1	6
57	Lead(iv) acetate: intriguing reactivity profile. Chemical Communications, 2007, , 4239.	4.1	6
58	Superoxide chemistry revisited: synthesis of tetrachloro-substituted methylenenortricyclenes. Beilstein Journal of Organic Chemistry, 2014, 10, 2531-2538.	2.2	6
59	Total synthesis of novel bioactive natural product paracaseolide A and analogues: computational evaluation of a â€˜proposedâ€™ biomimetic Dielsâ€“Alder reaction. Tetrahedron, 2014, 70, 8488-8497.	1.9	6
60	An unusual formation of diarylmethane scaffolds from 4-(halomethyl)cyclohex-2-enone derivatives. Tetrahedron Letters, 2015, 56, 4067-4070.	1.4	6
61	Total Synthesis of (Â±)-Cassumunins Aâ€“C and Curcumin Analogues. Synthesis, 2020, 52, 1561-1575.	2.3	6
62	Synthesis of 2â€Chloroâ€3â€amino indenone derivatives and their evaluation as inhibitors of DNA dealkylation repair. Chemical Biology and Drug Design, 2021, 97, 1170-1184.	3.2	6
63	A Chiral Pool Approach to the Synthesis of Optically Active Tetrahalo Norbornyl Building Blocks. Organic Letters, 2008, 10, 3029-3032.	4.6	5
64	Synthesis and thermal properties of rigid oxa-bridged-containing dimers and tetramers. Tetrahedron, 2010, 66, 8745-8755.	1.9	5
65	Synthesis of the tetrahydrofuran unit of varitriol and Î³-butyrolactones from 5-oxabicyclo[2.1.1]hexane derivative via oxidative cleavage reactions. Tetrahedron Letters, 2014, 55, 2266-2269.	1.4	5
66	FeCl3 catalyzed intermolecular reaction between enol ethers and anilines: Access to 2,3-substituted indoles through aryl group migration. Tetrahedron Letters, 2020, 61, 152583.	1.4	5
67	Synthesis of oxa-bridged derivatives from Dielsâ€“Alder bis-adducts of butadiene and 1,2,3,4-tetrahalo-5,5-dimethoxycyclopentadiene. Beilstein Journal of Organic Chemistry, 2010, 6, .	2.2	4
68	Total syntheses of (Â±)-cis- and (Â±)-trans-neocnidilides. Tetrahedron Letters, 2014, 55, 4400-4403.	1.4	4
69	Aromaticity driven 1,6-conjugate addition of amines and phenols to cyclohexadienone derivative. Tetrahedron, 2016, 72, 699-705.	1.9	4
70	Total synthesis of (Â±) aspidostomide B, C, regioisomeric N-methyl aspidostomide D and their derivatives. Tetrahedron Letters, 2019, 60, 151040.	1.4	4
71	Synthesis of 9-oxa-noradamantane derivative, an aesthetically pleasing â€˜oxa-basketâ€™. Tetrahedron Letters, 2009, 50, 5751-5753.	1.4	3
72	Diastereoselective Synthesis of Spirocyclic Dihydrofurans and 1â€Oxaspiro[4.5]decanâ€6â€one Derivatives from Norbornyl Î±â€Diketones. European Journal of Organic Chemistry, 2015, 2015, 858-870.	2.4	3

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73	N -dealkylative S N Ar reaction using aromatic halides: Synthesis of dihydrobenzoxazine and tetrahydrobenzoxazepine derivatives. Tetrahedron, 2017, 73, 6008-6020.	1.9	3
74	1,6-Conjugate addition of C-nucleophiles to p-quinone methide surrogate: Synthesis of diarylpropanes. Tetrahedron, 2019, 75, 633-642.	1.9	3
75	Acid mediated synthesis of thiazolines, thiazoles and enamide derivatives from methyl enol ethers: Application towards synthesis of wilsoniamine B. Tetrahedron Letters, 2020, 61, 151675.	1.4	3
76	Rutheniumâ€Mediated Oxidation under Buffered Conditions: A Simple and Useful Protocol for the Synthesis of Norbornyl Î±â€Diketones with Acid Sensitive Functionalities. Advanced Synthesis and Catalysis, 2009, 351, 939-944.	4.3	2
77	Total Synthesis of Enisorine D and its Analogues. Synthesis, 2019, 51, 4601-4610.	2.3	2
78	FeCl3 catalyzed 1,6-conjugate addition of phenol C-nucleophiles: Facile synthesis of diarylmethanes. Tetrahedron, 2020, 76, 130885.	1.9	2
79	BrÃ¸nsted acid-induced synthesis of methyl benzofurans via Grob type fragmentation of norbornyl derivatives. Tetrahedron Letters, 2020, 61, 152351.	1.4	2
80	An efficient method for zinc mediated reduction of norbornyl Î±-diketones in [bmim][BF4]:H2O. Arkivoc, 2009, 2009, 222-228.	0.5	2
81	Short, Convenient Preparative Procedures for 7-Isopropylidenenorbornane, 7-Isopropylidenenorbornene, and 7-Isopropylidenenorbornadiene. Synthetic Communications, 1993, 23, 2985-2990.	2.1	1
82	Synthesis and Electrochemical Signature of Novel Norbornyl-ferrocene Hybrids. Synthesis, 2009, 2009, 2773-2777.	2.3	1
83	An Efficient Synthesis of a Cyclopentannulated Pyrrolidine Derivative. Synthesis, 2011, 2011, 2423-2430.	2.3	1
84	An Unusual Fragmentation of Oxetane-Embedded Tetracyclic Ketal Systems. Journal of Organic Chemistry, 2013, 78, 11092-11095.	3.2	1
85	Effect of bridgehead substitution in the Grob fragmentation of norbornyl ketones: a new route to substituted halophenols. Organic and Biomolecular Chemistry, 2015, 13, 9686-9696.	2.8	1
86	An unexpected acid mediated rearrangement of monoethylene ketal of 2-methyl-2-(3-methylbut-2-en-1-yl)cyclohex-4-ene-1,3-diones to chromane. Tetrahedron Letters, 2018, 59, 1244-1248.	1.4	1
87	Synthesis of Î³-butyrolactone fused cyclooctene. Synthetic Communications, 2018, 48, 318-322.	2.1	1
88	Synthesis of Substituted Pyrido-oxazine through Tandem SN2 and SNAr Reaction. SynOpen, 2018, 02, 0150-0160.	1.7	1
89	Solvent controlled synthesis of 2,3-diarylepoxy indenones and Î±-hydroxy diarylindanones and their evaluation as inhibitors of DNA alkylation repair. Organic and Biomolecular Chemistry, 0, , .	2.8	1
90	A Solvent Effect in the Reaction of Diazomethane with Norbornane-2,3-dione 3-Hemiketals. Synthetic Communications, 2014, 44, 3314-3319.	2.1	0

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91	Bridgehead Substitution via Putative Norbornâ€1â€enâ€3â€ones: Application in the Synthesis of Complex Molecules. Chemistry - A European Journal, 2015, 21, 7021-7025.	3.3	0
92	Triethylamineâ€“Mesyl Chloride/Thionyl Chloride: A Reagent for Hydrodebromination of Diquinane-Based Î±-Bromo-Î³-Lactones. Synthesis, 2015, 47, 3027-3035.	2.3	0