Rachid Chahboun Karimi

List of Publications by Year
in descending order

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Version: 2024-02-01

81 papers	1,652 citations	279798 23 h-index	377865 34 g-index
103 all docs	103 docs citations	103 times ranked	1277 citing authors

#	Article	IF	Citations
1	Density functional theory study of the selective oxidation of 5-Hydroxymethylfurfural (HMF) to 5-Hydroxymethyl-2-furancarboxylic acid (HMFCA) on the Silver oxide surface (001). Molecular Catalysis, 2022, 519, 112117.	2.0	5
2	Survey of Radon Concentrations in the University of Granada in Southern Spain. International Journal of Environmental Research and Public Health, 2021, 18, 2885.	2.6	1
3	Deconjugative Î±-Alkylation of Cyclohexenecarboxaldehydes: An Access to Diverse Terpenoids. Journal of Organic Chemistry, 2021, 86, 8742-8754.	3.2	1
4	Viable route and DFT study for the synthesis of optically active limonaketone: A barely available natural feedstock in Cedrus atlantica. Journal of Molecular Structure, 2021, 1235, 130221.	3.6	4
5	In Vivo Biological Evaluation of a Synthetic Royleanone Derivative as a Promising Fast-Acting Trypanocidal Agent by Inducing Mitochondrial-Dependent Necrosis. Journal of Natural Products, 2020, 83, 3571-3583.	3.0	6
6	Synthesis of Cyclosiphonodictyol A and Its Bis(sulfato). Journal of Organic Chemistry, 2020, 85, 3799-3805.	3.2	5
7	Activity inÂvitro and inÂvivo against Trypanosoma cruzi of a furofuran lignan isolated from Piper jericoense. Experimental Parasitology, 2018, 189, 34-42.	1.2	18
8	Protecting-Group-Free Synthesis of Cassane-Type Furan Diterpenes via a Decarboxylative Dienoneâ€“Phenol Rearrangement. Organic Letters, 2018, 20, 7007-7010.	4.6	20
9	Synthesis and antiproliferative activity of podocarpane and totarane derivatives. European Journal of Medicinal Chemistry, 2018, 158, 863-873.	5.5	5
10	Bioinspired Synthesis of Pygmaeocins and Related Rearranged Abietane Diterpenes: Synthesis of Viridoquinone. Organic Letters, 2018, 20, 5666-5670.	4.6	12
11	Synthesis of cassane-type diterpenes from abietane compounds: the first synthesis of taepeenin F. Organic Chemistry Frontiers, 2018, 5, 2537-2541.	4.5	12
12	Antiproliferative Activity of Natural Taiwaniaquinoids and Related Compounds. Journal of Natural Products, 2017, 80, 308-318.	3.0	11
13	Enantiospecific synthesis of antifungal dasyscyphin E from cupressic acid. Tetrahedron, 2017, 73, 6549-6557.	1.9	2
14	Diastereoselective Intramolecular Heck Reaction Assisted by an Acetate Group: Synthesis of the Decahydrobenzofluorene Derivative Dasyscyphin E. Journal of Organic Chemistry, 2017, 82, 9550-9559.	3.2	5
15	Meroxest improves the prognosis of immunocompetent C57BL/6 mice with allografts of E0771 mouse breast tumor cells. Archives of Medical Science, 2016, 5, 919-927.	0.9	12
16	Oxidative Coupling of (â^')-Sclareol and Related Diols Leading to Oxepane Terpenoids. Journal of Organic Chemistry, 2016, 81, 10002-10008.	3.2	7
17	Preparation of oxocene terpenes. The first enantiospecific synthesis of cytotoxic arenaran A. Organic and Biomolecular Chemistry, 2016, 14, 9836-9845.	2.8	9
18	Short Route to Cassane-Type Diterpenoids: Synthesis of the Supposed Structure of Benthaminin 1. Organic Letters, 2016, 18, 5964-5967.	4.6	24

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19	First Enantiospecific Syntheses of Marine Merosesquiterpenes Neopetrosiquinones A and B: Evaluation of Biological Activity. Journal of Natural Products, 2015, 78, 1026-1036.	3.0	10
20	Prospects of an alternative treatment against Trypanosoma cruzi based on abietic acid derivatives show promising results in Balb/c mouse model. European Journal of Medicinal Chemistry, 2015, 89, 683-690.	5.5	26
21	Novel merosesquiterpene exerts a potent antitumor activity against breast cancer cells inÂvitro and inÂvivo. European Journal of Medicinal Chemistry, 2014, 79, 1-12.	5.5	21
22	A short synthetic route towards merosesquiterpenes with a benzoxanthene skeleton. Chemical Communications, 2014, 50, 13100-13102.	4.1	18
23	Synthesis of the Putative Structure of 15-Oxopuupehenoic Acid. Journal of Organic Chemistry, 2014, 79, 10689-10695.	3.2	13
24	The first synthesis of (â^')-isoambreinolide, (+)-vitexifolin D and (+)-vitedoin B. Organic and Biomolecular Chemistry, 2014, 12, 667-672.	2.8	8
25	Stereoselective Transformations of (+)-Abietic Acid into (+)-Vitedoin B and (+)-Negundoin A. Journal of Organic Chemistry, 2014, 79, 4405-4413.	3.2	14
26	Titanocene(III)â€Catalyzed 6â€exo Versus 7â€endo Cyclizations of Epoxypolyprenes: Efficient Control and Synthesis of Versatile Terpenic Building Blocks. Chemistry - A European Journal, 2013, 19, 14484-14495.	3.3	14
27	NISâ€“PPh₃: A Selective Reagent for the Spiroannulation of o-Allyl Phenols. Total Synthesis of Corallidictyal D. Journal of Organic Chemistry, 2013, 78, 9196-9204.	3.2	29
28	First synthesis of antitumoral dasyscyphin B. Organic and Biomolecular Chemistry, 2013, 11, 6176.	2.8	11
29	I2â€“PPh3 mediated spiroannulation of unsaturated Î²-dicarbonyl compounds. The first synthesis of (Â±)-negundoin A. Chemical Communications, 2013, 49, 10257.	4.1	17
30	In Vitro and In Vivo Studies of the Trypanocidal Activity of Four Terpenoid Derivatives against Trypanosoma cruzi. American Journal of Tropical Medicine and Hygiene, 2012, 87, 481-488.	1.4	18
31	General Access to Taiwaniaquinoids Based on a Hypothetical Abietane C7â€“C8 Cleavage Biogenetic Pathway. Journal of Organic Chemistry, 2012, 77, 573-584.	3.2	34
32	Taiwaniaquinoid and abietane quinone derivatives with trypanocidal activity against T. cruzi and Leishmania spp.. Parasitology International, 2012, 61, 405-413.	1.3	17
33	First enantiospecific synthesis of marine sesquiterpene quinol akaol A. Chemical Communications, 2012, 48, 606-608.	4.1	28
34	In vitro evaluation of new terpenoid derivatives against Leishmania infantum and Leishmania braziliensis. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 370-376.	1.6	14
35	Lead(IV) acetate mediated cleavage of Î²-hydroxy ethers: enantioselective synthesis of Î±-acetoxy carbonyl compounds. Tetrahedron, 2011, 67, 8910-8917.	1.9	7
36	Lead(IV) acetate oxidative ring-opening of 2,3-epoxy primary alcohols: a new entry to optically active Î±-hydroxy carbonyl compounds. Tetrahedron Letters, 2011, 52, 4017-4020.	1.4	11

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37	Synthesis of (+)-Hanagokenol A, (+)-Fortunins E, G, H, and (-)-Sugikurojin A from Abietic Acid. Synthesis, 2010, 2010, 3493-3503.	2.3	16
38	Enantioselective Total Synthesis of the Selective PI3 Kinase Inhibitor Liphagal. Organic Letters, 2010, 12, 4450-4453.	4.6	42
39	Enantioselective total synthesis of cytotoxic taiwaniaquinones A and F. Chemical Communications, 2010, 46, 9244.	4.1	35
40	A Convenient Enantiospecific Route towards Bioactive Merosesquiterpenes by Cationicâ€Resinâ€Promoted Friedelâ€“Crafts Alkylation with Î±,Î²â€Enones. European Journal of Organic Chemistry, 2009, 2009, 1139-1143.	2.4	22
41	A Very Efficient Route toward the 4a-Methyltetrahydrofluorene Skeleton: Short Synthesis of (Â±)-Dichroanone and (Â±)-Taiwaniaquinone H. Journal of Organic Chemistry, 2009, 74, 3384-3388.	3.2	40
42	An enantiospecific route towards taiwaniaquinoids. First synthesis of (â^')-taiwaniaquinone H and (â^')-dichroanone. Organic and Biomolecular Chemistry, 2009, 7, 5146.	2.8	27
43	A thermal 6Ï€ electrocyclization strategy towards taiwaniaquinoids. First enantiospecific synthesis of (â^')-taiwaniaquinone G. Chemical Communications, 2009, , 592-594.	4.1	40
44	A New Synthetic Strategy towards Bioactive Merosesquiterpenoids. Synthesis, 2008, 2008, 4019-4027.	2.3	5
45	Synthesis of Phenol Abietane Diterpenes Based on the Oxidative Radical Cyclization Utilizing the Mn(OAc)₃/Ac₂O System. Synlett, 2007, 2007, 2425-2429.	1.8	13
46	Dielsâ^'Alder Cycloaddition Approach to Puupehenone-Related Metabolites:Â Synthesis of the Potent Angiogenesis Inhibitor 8-Epipuupehedione. Journal of Organic Chemistry, 2007, 72, 3332-3339.	3.2	28
47	Regioselective routes towards 14-hydroxyabietane diterpenes. A formal synthesis of immunosuppressant (â^')-triptolide from (+)-abietic acid. Tetrahedron, 2007, 63, 11204-11212.	1.9	38
48	Diastereoselective routes towards the austrodorane skeleton based on pinacol rearrangement: synthesis of (+)-austrodoral and (+)-austrodoric acid. Tetrahedron, 2007, 63, 11943-11951.	1.9	24
49	First synthesis of picealactone C. A new route toward taxodione-related terpenoids from abietic acid. Tetrahedron Letters, 2007, 48, 989-992.	1.4	24
50	Novel synthetic strategy toward abietane and podocarpane-type diterpenes from (â^')-sclareol: synthesis of the antitumor (+)-7-deoxynimbidiol. Tetrahedron Letters, 2007, 48, 8930-8934.	1.4	15
51	A New Route toward 7-Oxo-13-hydroxy-8,11,13-podocarpatrienes from Labdane Diterpenes. Journal of Natural Products, 2006, 69, 563-566.	3.0	12
52	New route to 15-hydroxydehydroabietic acid derivatives: application to the first synthesis of some bioactive abietane and nor-abietane type terpenoids. Tetrahedron Letters, 2006, 47, 2577-2580.	1.4	35
53	O3/Pb(OAc)4: a new and efficient system for the oxidative cleavage of allyl alcohols. Tetrahedron Letters, 2006, 47, 6619-6622.	1.4	16
54	Synthesis of alkenes from tertiary esters utilizing the triphenylphosphineâ€“iodine system. Tetrahedron Letters, 2005, 46, 1075-1077.	1.4	11

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55	Reaction of allylic and benzylic alcohols and esters with PPh3/I2: one-pot synthesis of Î²,Î³-unsaturated compounds. Tetrahedron Letters, 2005, 46, 3755-3759.	1.4	21
56	First enantiospecific synthesis of marine nor-sesquiterpene (+)-austrodoral from (â^')-sclareol. Tetrahedron Letters, 2005, 46, 5321-5324.	1.4	17
57	Synthetic approach to pentacyclic quassinoids from communic acids, via ambracetal derivatives. Tetrahedron, 2005, 61, 837-844.	1.9	6
58	First Enantiospecific Synthesis of the Antitumor Marine Sponge Metabolite (â^')-15-Oxopuupehenol from (â^')-Sclareol. Organic Letters, 2005, 7, 1477-1480.	4.6	58
59	First Enantiospecific Synthesis of Antileishmanial 12-Deoxyroyleanone from Abietic Acid. Synlett, 2004, 2004, 2701-2704.	1.8	12
60	Triphenylphosphineâ€“iodine: an efficient reagent for the regioselective dehydration of tertiary alcohols. Tetrahedron Letters, 2004, 45, 4453-4455.	1.4	42
61	Degradation of the Side Chain of (â^')â€Sclareol: A Very Short Synthesis of norâ€Ambreinolide and Ambrox. Synthetic Communications, 2004, 34, 3631-3643.	2.1	24
62	Highly Diastereoselective Synthesis of Manoyl Oxide Derivatives by TiCl4-Catalyzed Nucleophilic Cleavage of Ambracetal Derivatives. Synlett, 2003, 2003, 2313-2316.	1.8	4
63	First synthesis of achilleol A using titanium(III) chemistry. Tetrahedron Letters, 2002, 43, 2793-2796.	1.4	29
64	Approach to the Synthesis of Antitumor Quassinoids from Labdane Diterpenes:â€‰ An Efficient Synthesis of a Picrasane-Related Intermediate. Organic Letters, 2001, 3, 647-650.	4.6	13
65	Raney Nickel: An Effective Reagent for Reductive Dehalogenation of Organic Halides. Synlett, 2001, 2001, 0485-0488.	1.8	23
66	Synthesis of Natural Oxygenated Monocarbocyclic Sesquiterpenoids from 6,7-Epoxygeranyl Acetate. Tetrahedron, 2000, 56, 6099-6113.	1.9	20
67	Convenient preparation of carbonyl compounds from 1,2-diols utilizing Mitsunobu conditions. Tetrahedron Letters, 2000, 41, 1959-1962.	1.4	22
68	Synthetic Applications of the Thermal Rearrangement of Ozonides: First Enantiospecific Synthesis of Marine Metabolite Luffarin W. Synlett, 2000, 2000, 1269-1272.	1.8	2
69	Chemoselective Reduction of Aldehydes in the Presence of Ketones Utilizing Raney Nickel. Synlett, 2000, 2000, 197-200.	1.8	19
70	Ring A Functionalization of Terpenoids by the Unusual Baeyer-Villiger Rearrangement of Aliphatic Aldehydes. Synlett, 1999, 1999, 713-716.	1.8	19
71	Raney Nickel: An Efficient Reagent to Achieve the Chemoselective Hydrogenation of Î±,Î²-Unsaturated Carbonyl Compounds. Synlett, 1999, 1999, 1663-1666.	1.8	45
72	The first route toward oxygenated monocarbocyclic terpenoids: synthesis of elegansidiol, a new sesquiterpene from Santolina elegans. Tetrahedron Letters, 1999, 40, 8273-8276.	1.4	24

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73	Synthesis and antitumor activity of puupehedione and related compounds. Tetrahedron, 1999, 55, 15181-15208.	1.9	73
74	Synthesis and antitumoral activities of marine ent-chromazonarol and related compounds. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 2325-2328.	2.2	59
75	Synthesis of 11,12-Epoxydrim-8,12-en-11-ol, 11,12-Diacetoxydrimane, and Warburganal from (â^')-Sclareol. Journal of Natural Products, 1999, 62, 1488-1491.	3.0	29
76	Synthesis of wiedendiol-A and wiedendiol-B from labdane diterpenes. Tetrahedron, 1998, 54, 5635-5650.	1.9	52
77	Synthesis of monoterpenic analogues of puupehenone and puupehedione. Tetrahedron Letters, 1998, 39, 2425-2428.	1.4	21
78	A new enantiospecific route toward monocarbocyclic terpenoids: Synthesis of (â^')- caparrapi oxide. Tetrahedron Letters, 1998, 39, 9543-9544.	1.4	16
79	Enantiospecific synthesis of (+)-puupehenone from (â^')-sclareol and protocatechualdehyde. Tetrahedron Letters, 1997, 38, 2325-2328.	1.4	52
80	Enantiospecific Synthesis of Wiedendiol-B from (â^')-Sclareol and (+)-cis-Abienol. Tetrahedron Letters, 1997, 38, 8101-8104.	1.4	32
81	(3S,6R)-3,6-dihydroxy-10-methylundecanoic acid and a trimeric diester derivative from Lafuentea rotundifolia. Tetrahedron Letters, 1995, 36, 2649-2652.	1.4	6