Taleb H Al-Tel

List of Publications by Year
in descending order

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88	2,131	257357	265120
papers	citations	24 h-index	42 g-index

95	95	95	2624
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stereodivergent Complexity-to-Diversity Strategy en Route to the Synthesis of Nature-Inspired Skeleta. Journal of Organic Chemistry, 2022, 87, 1377-1397.	1.7	12
2	Antibacterial Activity of Small Molecules Which Eradicate Methicillin-Resistant Staphylococcus aureus Persisters. Frontiers in Microbiology, 2022, 13, 823394.	1.5	12
3	The 3D Bioprinted Scaffolds for Wound Healing. Pharmaceutics, 2022, 14, 464.	2.0	35
4	Design and synthesis of new quinoline derivatives as selective C-RAF kinase inhibitors with potent anticancer activity. European Journal of Medicinal Chemistry, 2022, 238, 114434.	2.6	7
5	Progress in Gelatin as Biomaterial for Tissue Engineering. Pharmaceutics, 2022, 14, 1177.	2.0	63
6	Unveiling the mechanism of action of nature-inspired anti-cancer compounds using a multi-omics approach. Journal of Proteomics, 2022, 265, 104660.	1.2	2
7	Design and synthesis of nature-inspired chromenopyrroles as potential modulators of mitochondrial metabolism. Medicinal Chemistry Research, 2021, 30, 635-646.	1.1	3
8	Sequencing Groebkeâ€“Blackburnâ€“BienaymÃ© and Aza-Michael Addition Reactions: A Modular Strategy for Accessing a Diverse Collection of Constrained Benzoxazepine and Imidazopyrazine Systems. Synthesis, 2021, 53, 1911-1922.	1.2	5
9	Tangeretin as an adjuvant and chemotherapeutic sensitizer against various types of cancers: a comparative overview. Journal of Pharmacy and Pharmacology, 2021, 73, 601-610.	1.2	4
10	A Novel Benzopyrane Derivative Targeting Cancer Cell Metabolic and Survival Pathways. Cancers, 2021, 13, 2840.	1.7	3
11	Current Status of Baricitinib as a Repurposed Therapy for COVID-19. Pharmaceuticals, 2021, 14, 680.	1.7	15
12	Discovery of novel class of histone deacetylase inhibitors as potential anticancer agents. Bioorganic and Medicinal Chemistry, 2021, 42, 116251.	1.4	4
13	Discovery of Novel Small-Molecule Inhibitors of SARS-CoV-2 Main Protease as Potential Leads for COVID-19 Treatment. Journal of Chemical Information and Modeling, 2021, 61, 4745-4757.	2.5	12
14	Stereoselective Late-Stage Transformations of Indolo[2,3-a]quinolizines Skeleta to Nature-Inspired Scaffolds. Journal of Organic Chemistry, 2021, 86, 12872-12885.	1.7	15
15	Camptothecin's journey from discovery to WHO Essential Medicine: Fifty years of promise. European Journal of Medicinal Chemistry, 2021, 223, 113639.	2.6	63
16	Drug development post COVID-19 pandemic: toward a better system to meet current and future global health challenges. Expert Opinion on Drug Discovery, 2021, 16, 365-371.	2.5	10
17	Metabolic conversion of Î²-pinene to Î²-ionone in rats. Xenobiotica, 2021, 51, 1427-1435.	0.5	1
18	BACE1 inhibitors: Current status and future directions in treating Alzheimer's disease. Medicinal Research Reviews, 2020, 40, 339-384.	5.0	177

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19	Stereocontrolled transformations of cyclohexadienone derivatives to access stereochemically rich and natural product-inspired architectures. Organic and Biomolecular Chemistry, 2020, 18, 8526-8571.	1.5	41
20	Divergent Strategy for Diastereocontrolled Synthesis of Small- and Medium-Ring Architectures. Journal of Organic Chemistry, 2020, 85, 10695-10708.	1.7	11
21	Design and synthesis of new energy restriction mimetic agents: Potent anti-tumor activities of hybrid motifs of aminothiazoles and coumarins. Scientific Reports, 2020, 10, 2893.	1.6	15
22	Can 4D bioprinting revolutionize drug development?. Expert Opinion on Drug Discovery, 2019, 14, 953-956.	2.5	22
23	Domino Transformations of Ene/Yne Tethered Salicylaldehyde Derivatives: Pluripotent Platforms for the Construction of High sp 3 Content and Privileged Architectures. Chemistry - A European Journal, 2019, 25, 15710-15735.	1.7	9
24	Sequencing [4 + 1]-Cycloaddition and Aza-Michael Addition Reactions: A Diastereoselective Cascade for the Rapid Access of Pyrido[2â€²,1â€²:2,3]/Thiazolo[2â€²,3â€²:2,3]imidazo[1,5-a]quinolone Scaffolds as Potential Antibacterial and Anticancer Motifs. Journal of Organic Chemistry, 2019, 84, 14476-14486.	1.7	23
25	Superbugs but no drugs: steps in averting a post-antibiotic era. Drug Discovery Today, 2019, 24, 2225-2228.	3.2	25
26	Frontispiece: Domino Transformations of Ene/Yne Tethered Salicylaldehyde Derivatives: Pluripotent Platforms for the Construction of High sp³ Content and Privileged Architectures. Chemistry - A European Journal, 2019, 25, .	1.7	0
27	One-Pot Synthesis of Diverse Collections of Benzoxazepine and Indolopyrazine Fused to Heterocyclic Systems. Journal of Organic Chemistry, 2019, 84, 934-948.	1.7	25
28	Constraining Multiâ€Drug Resistance in Breast Cancer Cells by Energy Restriction. FASEB Journal, 2019, 33, 675.18.	0.2	0
29	Post-Ugi Cascade Transformations for Accessing Diverse Chromenopyrrole Collections. Organic Letters, 2018, 20, 836-839.	2.4	34
30	Multidirectional desymmetrization of pluripotent building block en route to diastereoselective synthesis of complex nature-inspired scaffolds. Nature Communications, 2018, 9, 4989.	5.8	32
31	A modular CuI-L-proline catalyzed one-pot route for the rapid access of constrained and privileged hetero-atom-linked medium-sized ring systems. Tetrahedron, 2017, 73, 2139-2150.	1.0	17
32	Intramolecular Diazaâ€Dielsâ€“Alder Protocol: A New Diastereoselective and Modular Oneâ€Step Synthesis of Constrained Polycyclic Frameworks. Chemistry - A European Journal, 2017, 23, 4137-4148.	1.7	15
33	Frontispiece: Modular Biâ€Directional Oneâ€Pot Strategies for the Diastereoselective Synthesis of Structurally Diverse Collections of Constrained Î²â€Carbolineâ€Benzoxazepines. Chemistry - A European Journal, 2017, 23, .	1.7	0
34	Design, synthesis and biological evaluation of new pyrrolidine carboxamide analogues as potential chemotherapeutic agents for hepatocellular carcinoma. European Journal of Medicinal Chemistry, 2017, 139, 804-814.	2.6	18
35	Modular Biâ€Directional Oneâ€Pot Strategies for the Diastereoselective Synthesis of Structurally Diverse Collections of Constrained Î²â€Carbolineâ€Benzoxazepines. Chemistry - A European Journal, 2017, 23, 14182-14192.	1.7	10
36	Design, synthesis and SAR analysis of potent BACE1 inhibitors: Possible lead drug candidates for Alzheimer's disease. European Journal of Medicinal Chemistry, 2017, 125, 1213-1224.	2.6	21

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37	OSU-2S/Sorafenib Synergistic Antitumor Combination against Hepatocellular Carcinoma: The Role of PKCÎ´/p53. Frontiers in Pharmacology, 2016, 7, 463.	1.6	29
38	Modulation of DNA damage response and induction of apoptosis mediates synergism between doxorubicin and a new imidazopyridine derivative in breast and lung cancer cells. DNA Repair, 2016, 37, 1-11.	1.3	46
39	Design, Synthesis and Qualitative Structure Activity Relationship Evaluations of Quinoline-Based Bisarylimidazoles as Antibacterial Motifs. Medicinal Chemistry, 2016, 12, 563-573.	0.7	10
40	Epigenetics and miRNA as predictive markers and targets for lung cancer chemotherapy. Cancer Biology and Therapy, 2015, 16, 1056-1070.	1.5	47
41	Structure activity relationship of phenolic acid inhibitors of ÃŽÂ±-synuclein fibril formation and toxicity. Frontiers in Aging Neuroscience, 2014, 6, 197.	1.7	103
42	Actuation based on thermo/photosalient effect: a biogenic smart hybrid driven by light and heat. RSC Advances, 2014, 4, 7640-7647.	1.7	58
43	Flexible, polymer-supported synthesis of sphingosine derivatives provides ceramides with enhanced biological activity. Bioorganic and Medicinal Chemistry, 2014, 22, 5506-5512.	1.4	6
44	Design and Synthesis of New Hybrid Triazine-Indole Derivatives as Potential Antimicrobial Agents against Hospital Resistant Strains. Heterocycles, 2013, 87, 2385.	0.4	9
45	Tandem Multicomponent Reactions Toward the Design and Synthesis of Novel Antibacterial and Cytotoxic Motifs. Current Medicinal Chemistry, 2013, 20, 1445-1459.	1.2	17
46	Design, Synthesis, and Qualitative Structureâ€“Activity Evaluations of Novel Î²-Secretase Inhibitors as Potential Alzheimerâ€™s Drug Leads. Journal of Medicinal Chemistry, 2011, 54, 8373-8385.	2.9	46
47	Design, synthesis and in vitro antimicrobial evaluation of novel Imidazo[1,2-a]pyridine and imidazo[2,1-b][1,3]benzothiazole motifs. European Journal of Medicinal Chemistry, 2011, 46, 1874-1881.	2.6	208
48	Synthesis and antimicrobial activity of cholic acid hydrazone analogues. European Journal of Medicinal Chemistry, 2010, 45, 2307-2313.	2.6	97
49	Design and synthesis of novel tetrahydro-2H-Pyrano[3,2-c]Pyridazin-3(6H)-one derivatives as potential anticancer agents. European Journal of Medicinal Chemistry, 2010, 45, 5724-5731.	2.6	19
50	Rapid Assembly of Polyfunctional Structures Using a Oneâ€Pot Fiveâ€•and Sixâ€Component Sequential Groebkeâ€“Blackburn/Ugi/Passerini Process. European Journal of Organic Chemistry, 2010, 2010, 5586-5593.	1.2	52
51	Design, synthesis and qualitative structureâ€“activity evaluations of novel hexahydropyrano[3,2-c][1,2]diazepin-3(4H)-one and tetrahydropyrano[3,2-b]pyrrol-2(1H)-one derivatives as anticancer agents. European Journal of Medicinal Chemistry, 2010, 45, 4615-4621.	2.6	10
52	Post Groebkeâ€“Blackburn multicomponent protocol: Synthesis of new polyfunctional imidazo[1,2-a]pyridine and imidazo[1,2-a]pyrimidine derivatives as potential antimicrobial agents. European Journal of Medicinal Chemistry, 2010, 45, 5848-5855.	2.6	82
53	Tandem Achmatowicz-Knoevenagel protocol: diastereoselective synthesis and anticancer evaluation of cyclopenta[b]pyrane derivatives. Organic and Biomolecular Chemistry, 2010, 8, 5375.	1.5	9
54	Differential Use of Anhydropyranosides for Enantiopure Routes to Bis-Î³-butyrolactones: A New Approach to the Frameworks of Antibiotic and Anticancer Agents Isoavenaciolide and Ethisolide. Journal of Organic Chemistry, 2009, 74, 4690-4696.	1.7	15

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55	Mutations in the Nonstructural Protein 3A Confer Resistance to the Novel Enterovirus Replication Inhibitor TTP-8307. Antimicrobial Agents and Chemotherapy, 2009, 53, 1850-1857.	1.4	68
56	Rational Design and Synthesis of Potent Dibenzazepine Motifs as Î²-Secretase Inhibitors. Journal of Medicinal Chemistry, 2009, 52, 6484-6488.	2.9	35
57	Synthesis ofÂaÂnew series ofÂheterocyclic scaffolds forÂmedicinal purposes. European Journal of Medicinal Chemistry, 2006, 41, 1017-1024.	2.6	28
58	Enhancement of n-GaAs characteristics by combined heating, cooling rate and metalloporphyrin modification techniques. Solid State Sciences, 2004, 6, 139-146.	1.5	13
59	Fusicoccin Synthesis by Intramolecular [4+4] Photocycloaddition of 2-Pyridones: Stereocontrol of the Cycloaddition and Elaboration of the Pentacyclic Product. Synthesis, 2001, 112, 1185-1196.	1.2	12
60	Carbohydrates to Pyrano-Furanoids: New and Regioselective Palladium-Catalyzed Syntheses of Tetrasubstituted Furanoids from Carbohydrate Scaffolds. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2000, 55, 657-660.	0.3	2
61	Fusicoccin ring system by [4+4] cycloaddition. 2. A model study. Tetrahedron Letters, 1999, 40, 4007-4010.	0.7	12
62	Carbohydrates to Heterocycles: A New Strategy for the Synthesis of Enantiomerically Pure Pyridazines and Oxazines Derived from Epoxypyranoside Scaffolds. Chemistry Letters, 1999, 28, 541-542.	0.7	16
63	A useful regioselective approach to episulfides via cis-oriented anhydro triflate sugars. Tetrahedron Letters, 1998, 39, 8257-8258.	0.7	7
64	Fusicoccin Ring System by [4 + 4] Cycloaddition. Control of Diastereoselectivity through Hydrogen Bonding. Journal of the American Chemical Society, 1998, 120, 587-588.	6.6	39
65	Beyond the medium ring: A [4 + 4] cycloaddition/fragmentation synthesis of eleven-membered rings. Tetrahedron Letters, 1997, 38, 8433-8434.	0.7	5
66	Palladiumâ"Cobalt-Mediated Double Annulation Process:Â A New Strategy to Chiral and Polysubstituted Bis-Cyclopentanoids on Carbohydrate Precursors. Journal of Organic Chemistry, 1996, 61, 3250-3255.	1.7	24
67	Synthese multifunktioneller polycylischer chiraler Furanoide durch Pyranoseanellierungen. Journal FÃ¼r Praktische Chemie, Chemiker-Zeitung, 1996, 338, 320-326.	0.5	3
68	Notizen: New Colchicine and Homoaporphine- N-Oxide Alkaloids from Colchicum Ritchii: The First Homoaporphine TV-Oxide Found in Nature. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1995, 50, 1424-1428.	0.3	2
69	Circular dichroism of carbohydrate-molybdate complexes. Studies in Natural Products Chemistry, 1995, 15, 423-438.	0.8	2
70	Eine neue Synthesestrategie zur Darstellung chiraler, polysubstituierter, an Pyranosen anellierter Tetrahydrofurane. Liebigs Annalen, 1995, 1995, 689-695.	0.8	11
71	An efficient route to regio- and stereoselective synthesis of 3-amino-3-deoxy sugars. Tetrahedron, 1995, 51, 3141-3148.	1.0	7
72	Carbohydrates to carbocycles: Syntheses of polysubstituted chiral furanoids via oxirane ring opening. Tetrahedron Letters, 1995, 36, 523-524.	0.7	9

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73	A new strategy for carbohydrate-based syntheses of oxaspiro-multichiral systems: An alternative route to pyranosidic homologation. Tetrahedron Letters, 1995, 36, 4599-4600.	0.7	5
74	Notizen: Synthesis of 3-Amino-3-deoxy Sugars through Intramolecular Carbamate Cyclizations on a Neighbouring Oxirane Ring. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1995, 50, 697-698.	0.3	1
75	Efficient access to polyfunctionalized and polycyclic furanoids: control of the off-template centre via acid catalysis. Journal of the Chemical Society Chemical Communications, 1995, , 239.	2.0	15
76	Quettamine-type Alkaloids fromLeontice leontopetalum. Natural Product Research, 1995, 5, 315-322.	0.4	1
77	Synthesis of Chiral Î²-oxy-Î³-lactones on Sugar Templates: Influence of the Substituents Around C-6 on the Conformation of the Pyranose Ring. Natural Product Research, 1994, 4, 73-78.	0.4	0
78	Synthesis of polyfunctionalized bis-annulated pyranosides: Useful intermediates for triquinane synthesis. Tetrahedron Letters, 1994, 35, 8581-8582.	0.7	25
79	Enol Triflate Pyranoses, Versatile Reagents for the Formation of Conjugated Systems on Pyranoses. Angewandte Chemie International Edition in English, 1994, 33, 1499-1501.	4.4	17
80	A facile approach to polysubstituted chiral dihydrofurans on carbohydrate templates. Journal of the Chemical Society Chemical Communications, 1994, , 1735.	2.0	19
81	Chiral Î´-lactones via Pyranose-annulation. Natural Product Research, 1994, 4, 273-277.	0.4	3
82	Stereoselective synthesis of Î²-oxy- and Î±-methylene-Î³-butyrolactones on pyranose templates. Tetrahedron, 1993, 49, 9295-9306.	1.0	26
83	Expeditious entries to chiral furanoids via pyranose annulation. Tetrahedron Letters, 1993, 34, 7717-7720.	0.7	14
84	Pharmacological screening of (+)-Multifloramine fromColchicum decaisnei. Phytotherapy Research, 1992, 6, 305-309.	2.8	4
85	New Natural Dibenzocycloheptylamine Alkaloids: A Possible Catabolic Route for the Colchicine Alkaloids. Journal of Natural Products, 1991, 54, 936-940.	1.5	25
86	A lupine alkaloid from Leontice leontopetalum. Phytochemistry, 1991, 30, 2393-2395.	1.4	12
87	Phenolics from Colchicum decaisnei. Phytochemistry, 1991, 30, 3081-3085.	1.4	16
88	New Natural Colchicinoids: Indications of Two Possible Catabolic Routes for the Colchicine Alkaloids. Journal of Natural Products, 1990, 53, 623-629.	1.5	29