

M Toufiqur Rahman

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

243
citations

1039880

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996849

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docs citations

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times ranked

259
citing authors

#	ARTICLE	IF	CITATIONS
1	Completion of the Total Synthesis of Several Bioactive Sarpagine/Macroline Alkaloids including the Important NF- κ B Inhibitor N4-Methylalpinine. <i>Molecules</i> , 2022, 27, 1738.	1.7	3
2	The stereospecific and enantiospecific synthesis of indole alkaloids which culminated in the ambidextrous Pictetâ€“Spengler reaction for the C-19 methylâ€“substituted sarpagine family. <i>Progress in Heterocyclic Chemistry</i> , 2021, , 1-26.	0.5	2
3	Bisindole Alkaloids from the <i>Alstonia</i> Species: Recent Isolation, Bioactivity, Biosynthesis, and Synthesis. <i>Molecules</i> , 2021, 26, 3459.	1.7	11
4	Evaluation of Amide Bioisosteres Leading to 1,2,3-Triazole Containing Compounds as GPR88 Agonists: Design, Synthesis, and Structureâ€“Activity Relationship Studies. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 12397-12413.	2.9	19
5	Modulation of relapse-like drinking in male Sprague-Dawley rats by ligands targeting the $\hat{1}\pm 5$ GABAA receptor. <i>Neuropharmacology</i> , 2021, 199, 108785.	2.0	1
6	Indole-Containing Amidinohydrazones as Nonpeptide, Dual RXFP3/4 Agonists: Synthesis, Structureâ€“Activity Relationship, and Molecular Modeling Studies. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17866-17886.	2.9	4
7	Design, Synthesis, and Structureâ€“Activity Relationship Studies of (4-Alkoxyphenyl)glycinamides and Bioisosteric 1,3,4-Oxadiazoles as GPR88 Agonists. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 14989-15012.	2.9	9
8	The C-19 methyl substituted sarpagine-macroline-ajmaline alkaloids: Diversity, occurrence, bioactivity, and synthesis. <i>Studies in Natural Products Chemistry</i> , 2020, 64, 1-57.	0.8	2
9	The Ambidextrous Pictetâ€“Spengler Reaction: Access to the (+)- or (â€“) -Enantiomers of the Bioactive C-19 Methyl-Substituted Sarpagine/Macroline/Ajmaline Alkaloids from Either d- or l-Tryptophan. <i>Synthesis</i> , 2019, 51, 1980-1988.	1.2	7
10	$\hat{1}\pm 5$ GABAA subunit-containing receptors and sweetened alcohol cue-induced reinstatement and active sweetened alcohol self-administration in male rats. <i>Psychopharmacology</i> , 2019, 236, 1797-1806.	1.5	6
11	Facilitation of Social Support through Negative Allosteric Modulation of $\hat{1}\pm 5$ -Associated GABAA Receptors: A Novel Mechanism for the Treatment of Depression, Agitation, and Aggression in the Elderly. , 2019, 3, 1-1.		0
12	Unprecedented Stereocontrol in the Synthesis of 1,2,3â€“Trisubstituted Tetrahydroâ€“ $\hat{1}\pm 2$ â€“carbolines through an Asymmetric Pictetâ€“Spengler Reaction towards Sarpagineâ€“Type Indole Alkaloids. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3224-3229.	1.2	11
13	Negative allosteric modulation of alpha 5-containing GABAA receptors engenders antidepressant-like effects and selectively prevents age-associated hyperactivity in tau-depositing mice. <i>Psychopharmacology</i> , 2018, 235, 1151-1161.	1.5	21
14	An antidepressant-related pharmacological signature for positive allosteric modulators of $\hat{1}\pm 2/3$ -containing GABA A receptors. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 170, 9-13.	1.3	12
15	Total Synthesis of Sarpagineâ€“Related Bioactive Indole Alkaloids. <i>Chemistry - A European Journal</i> , 2018, 24, 2354-2359.	1.7	26
16	Concise Total Synthesis of (â€“)â€“Affinisine Oxindole, (+)â€“Isoalstonisine, (+)â€“Alstofoline, (â€“)â€“Macrogentine, (+)â€“ <i>N</i> - <i>l</i> - <i>tryptophan</i> - <i>l</i> -tryptophanâ€“Demethylalstonisine, (â€“)â€“Alstonoxineâ€“...A, and (+)â€“Alstonisine. <i>Chemistry - A European Journal</i> , 2017, 23, 15805-15819.	1.7	20
17	Identification of <i>Staphylococcus aureus</i> Cellular Pathways Affected by the Stilbenoid Lead Drug SK-03-92 Using a Microarray. <i>Antibiotics</i> , 2017, 6, 17.	1.5	3
18	Synthesis of Bisindole Alkaloids from the Apocynaceae Which Contain a Macroline or Sarpagine Unit: A Review. <i>Molecules</i> , 2016, 21, 1525.	1.7	45

#	ARTICLE	IF	CITATIONS
19	Total Synthesis of Macrocarpines D and E via an Enolate-Driven Copper-Mediated Cross-Coupling Process: Replacement of Catalytic Palladium with Copper Iodide. <i>Organic Letters</i> , 2016, 18, 4174-4177.	2.4	22
20	Simultaneous Detection and Estimation of Catechol, Hydroquinone, and Resorcinol in Binary and Ternary Mixtures Using Electrochemical Techniques. <i>International Journal of Analytical Chemistry</i> , 2015, 2015, 1-8.	0.4	14
21	Electrochemical Behaviour of Dihydroxybenzene Isomers at Glassy Carbon Electrode in Different Electrolytic Media. <i>Journal of the Bangladesh Academy of Sciences</i> , 2015, 39, 135-146.	0.1	0
22	Spectrophotometric and cyclic voltammetric study of interaction of Fe(III) with vitamin B3 and vitamin B6. <i>Journal of the Bangladesh Academy of Sciences</i> , 2014, 38, 143-153.	0.1	5