D Srinivasa Reddy

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Kupyaphores are zinc homeostatic metallophores required for colonization of <i>Mycobacterium tuberculosis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	19
2	Ready Access to Benzannulated [5,5]-Oxaspirolactones Using Au(III)-Catalyzed Cascade Cyclizations. Journal of Organic Chemistry, 2022, 87, 3025-3041.	3.2	9
3	Antibiotic natural product hunanamycin A: Lead identification towards anti-Salmonella agents. European Journal of Medicinal Chemistry, 2022, 236, 114245.	5.5	1
4	Ready Access to Densely Substituted Furans Using Tsuji–Wacker-Type Cyclization. Journal of Organic Chemistry, 2022, 87, 556-568.	3.2	5
5	The biological process of lysineâ€ŧRNA charging is therapeutically targetable in liver cancer. Liver International, 2021, 41, 206-219.	3.9	9
6	Scalable, sustainable and catalyst-free continuous flow ozonolysis of fatty acids. Green Chemistry, 2021, 23, 2391-2396.	9.0	14
7	Herbicidal bio-assay of isocladosporin enantiomers and determination of its plausible absolute configuration. Journal of Antibiotics, 2021, 74, 280-284.	2.0	1
8	Total synthesis of twelve membered resorcyclic acid lactones, (R)-penicimenolide A, (R)-resorcyclide and (R)-dihydroresorcyclide. Tetrahedron, 2021, 85, 132059.	1.9	2
9	Design, Synthesis, and Structural Analysis of Cladosporin-Based Inhibitors of Malaria Parasites. ACS Infectious Diseases, 2021, 7, 1777-1794.	3.8	5
10	Synthesis and Biological Evaluation of Hoshionolactamâ€Based Compounds. European Journal of Organic Chemistry, 2021, 2021, 2212-2218.	2.4	2
11	Oneâ€Pot Oxidation of Secondary Alcohols to α â€Hydroxy Ketones: Application to Synthesis of Oxoaplysinopsin D, E, F, & G. European Journal of Organic Chemistry, 2021, 2021, 2188-2192.	2.4	1
12	Total Synthesis of a Hypothetical Macroketone of Migrastatin. European Journal of Organic Chemistry, 2021, 2021, 3050-3053.	2.4	2
13	DBU/O ₂ -Mediated Oxidation of Dienones. Journal of Organic Chemistry, 2021, 86, 9200-9205.	3.2	2
14	Quantitative Determination and Characterization of a Kashmir Saffron (<i>Crocus sativus</i>) Tj ETQq0 0 0 rgBT and HPTLC Investigations. ACS Omega, 2021, 6, 23460-23474.	/Overlock 3.5	10 Tf 50 22 15
15	Tuning of α-Silyl Carbocation Reactivity into Enone Transposition: Application to the Synthesis of Peribysin D, <i>E</i> -Volkendousin, and <i>E</i> -Guggulsterone. Organic Letters, 2021, 23, 6642-6647.	4.6	6
16	Separation of a diastereomeric diol pair using the mechanical properties of crystals. CrystEngComm, 2021, 23, 7056-7060.	2.6	2
17	Identification of a Novel Series of Potent Organosilicon Mosquito Repellents. ACS Omega, 2021, 6, 31236-31243.	3.5	4
18	FeCl ₃ -catalyzed oxidative decarboxylation of aryl/heteroaryl acetic acids: preparation of selected API impurities. Organic and Biomolecular Chemistry, 2020, 18, 8459-8466.	2.8	10

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19	Total synthesis and absolute configuration determination of Ktedonoketone, a benzenoid metabolite from Thermophilic bacterium. Tetrahedron Letters, 2020, 61, 152526.	1.4	3
20	Teixobactin: A Paving Stone toward a New Class of Antibiotics?. Journal of Medicinal Chemistry, 2020, 63, 12171-12195.	6.4	22
21	Overturning the Peribysin Family Natural Products Isolated from <i>Periconia byssoides</i> OUPS-N133: Synthesis and Stereochemical Revision of Peribysins A, B, C, F, and G. Organic Letters, 2020, 22, 3104-3109.	4.6	9
22	DFT/NMR Approach for the Configuration Assignment of Groups of Stereoisomers by the Combination and Comparison of Experimental and Predicted Sets of Data. Journal of Organic Chemistry, 2020, 85, 3297-3306.	3.2	41
23	Synthesis of α-ketoamides using potassium superoxide (KO2) as an oxidizing agent. Tetrahedron, 2020, 76, 131262.	1.9	2
24	A route to access imidazol[1,5- <i>a</i>]indole-1,3-diones and pyrrolo[1,2- <i>c</i>]imidazole-1,3-diones. Organic and Biomolecular Chemistry, 2019, 17, 8384-8390.	2.8	3
25	Synthesis of Chiral Tetrahydrofuran Building Blocks from Pantolactones: Application in the Synthesis of Empagliflozin and Amprenavir Analogs. European Journal of Organic Chemistry, 2019, 2019, 4805-4810.	2.4	6
26	Access to a Stereoisomer Library of Solomonamide Macrocycles. Chemistry - an Asian Journal, 2019, 14, 4572-4576.	3.3	6
27	Insect-Repellent and Mosquitocidal Effects of Noreremophilane- and Nardoaristolone-Based Compounds. ACS Omega, 2019, 4, 2188-2195.	3.5	9
28	Total synthesis of Met10-teixobactin. Tetrahedron Letters, 2019, 60, 1909-1912.	1.4	6
29	Scalable synthesis of cladosporin. Tetrahedron Letters, 2019, 60, 831-833.	1.4	6
30	Neural Antiâ€Inflammatory Natural Product Periconianone A: Total Synthesis and Biological Evaluation. European Journal of Organic Chemistry, 2019, 2019, 2376-2381.	2.4	6
31	Scalable Synthesis of Both Enantiomers of Vigabatrin, an Antiepileptic Drug. European Journal of Organic Chemistry, 2019, 2019, 1257-1260.	2.4	3
32	Efforts To Access the Potent Antitrypanosomal Marine Natural Product Janadolide: Synthesis of Des-tert-butyl Janadolide and Its Biological Evaluation. ACS Omega, 2018, 3, 2383-2389.	3.5	7
33	Targeted Phenotypic Screening in Plasmodium falciparum and Toxoplasma gondii Reveals Novel Modes of Action of Medicines for Malaria Venture Malaria Box Molecules. MSphere, 2018, 3, .	2.9	30
34	Quest for Novel Chemical Entities through Incorporation of Silicon in Drug Scaffolds. Journal of Medicinal Chemistry, 2018, 61, 3779-3798.	6.4	339
35	Total synthesis of the potent anti-inflammatory natural product solomonamide A along with structural revision and biological activity evaluation. Organic and Biomolecular Chemistry, 2018, 16, 9138-9142.	2.8	12
36	Total Synthesis of an Anticancer Natural Product (±)â€Peharmaline A and Its Analogues. European Journal of Organic Chemistry, 2018, 2018, 6453-6456.	2.4	8

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37	Total Synthesis and Biological Evaluation of Cell Adhesion Inhibitors Peribysin A and B: Structural Revision of Peribysin B. Organic Letters, 2018, 20, 7003-7006.	4.6	7
38	Specific Stereoisomeric Conformations Determine the Drug Potency of Cladosporin Scaffold against Malarial Parasite. Journal of Medicinal Chemistry, 2018, 61, 5664-5678.	6.4	41
39	A multi-step continuous flow synthesis of the cystic fibrosis medicine ivacaftor. Reaction Chemistry and Engineering, 2018, 3, 520-526.	3.7	23
40	Nitrosporeusine analogue ameliorates Chandipura virus induced inflammatory response in CNS via NFκb inactivation in microglia. PLoS Neglected Tropical Diseases, 2018, 12, e0006648.	3.0	6
41	Synthetic studies towards Pseudoxylallemycin B, an antibiotic active against gram-negative bacteria: Total synthesis of 3-epi-Pseudoxylallemycin B. Tetrahedron Letters, 2018, 59, 2900-2903.	1.4	5
42	Determination of the Absolute Configuration of Gliomasolide D through Total Syntheses of the C-17 Epimers. Journal of Natural Products, 2017, 80, 560-564.	3.0	6
43	Total synthesis of natural fregenedadiol and its diacetate, rearranged labdanes with aromatized B ring. Tetrahedron Letters, 2017, 58, 1262-1264.	1.4	4
44	Identification and Synthesis of Mycalol Analogues with Improved Potency against Anaplastic Thyroid Carcinoma Cell Lines. Journal of Natural Products, 2017, 80, 1125-1133.	3.0	5
45	Identification of new anti-inflammatory agents based on nitrosporeusine natural products of marine origin. European Journal of Medicinal Chemistry, 2017, 135, 89-109.	5.5	15
46	Access to Fused Tricyclic Î ³ -Butyrolactones, A Natural Product-like Scaffold. Journal of Organic Chemistry, 2017, 82, 7614-7620.	3.2	4
47	Route to Benzimidazol-2-ones via Decarbonylative Ring Contraction of Quinoxalinediones: Application to the Synthesis of Flibanserin, A Drug for Treating Hypoactive Sexual Desire Disorder in Women and Marine Natural Product Hunanamycin Analogue. ACS Omega, 2017, 2, 5137-5141.	3.5	7
48	Repurposing Ivacaftor for treatment of Staphylococcus aureus infections. International Journal of Antimicrobial Agents, 2017, 50, 389-392.	2.5	36
49	Multi-gram scale synthesis of hunanamycin A, an antibiotic natural product from the marine source. Tetrahedron Letters, 2016, 57, 3662-3663.	1.4	4
50	Molecules with O-acetyl group protect protein glycation by acetylating lysine residues. RSC Advances, 2016, 6, 65572-65578.	3.6	11
51	Solutionâ€Phase Synthesis of the Macrocyclic Core of Teixobactin. European Journal of Organic Chemistry, 2016, 2016, 4289-4293.	2.4	23
52	Synthesis and biological evaluation of palmyrolide A macrocycles as sodium channel blockers towards neuroprotection. Organic and Biomolecular Chemistry, 2016, 14, 8457-8473.	2.8	8
53	GSH Induced Controlled Release of Levofloxacin from a Purpose-Built Prodrug: Luminescence Response for Probing the Drug Release in <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . Bioconjugate Chemistry, 2016, 27, 2062-2070.	3.6	16
54	Repurposing of a drug scaffold: Identification of novel sila analogues of rimonabant as potent antitubercular agents. European Journal of Medicinal Chemistry, 2016, 122, 723-730.	5.5	59

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55	A Total Synthesis of (–)â€Nardoaristolone B. European Journal of Organic Chemistry, 2016, 2016, 3804-3808.	2.4	4
56	Total Synthesis of the Marine Natural Product Solomonamide B Necessitates Stereochemical Revision. Organic Letters, 2016, 18, 3178-3181.	4.6	29
57	First Total Synthesis of Gliomasolide C and Formal Total Synthesis of Sch-725674. Journal of Organic Chemistry, 2016, 81, 290-296.	3.2	17
58	Enantiospecific Formal Synthesis of Inthomycin C. ChemistrySelect, 2016, 1, 495-497.	1.5	5
59	Identification of noreremophilane-based inhibitors of angiogenesis using zebrafish assays. Organic and Biomolecular Chemistry, 2016, 14, 1569-1578.	2.8	12
60	Breaking and Making of Rings: A Method for the Preparation of 4â€Quinoloneâ€3â€carbÂoxylic Acid Amides and the Expensive Drug Ivacaftor. European Journal of Organic Chemistry, 2015, 2015, 7433-7437.	2.4	12
61	Synthesis of novel <i>N</i> -cyclopentenyl-lactams using the Aubé reaction. Beilstein Journal of Organic Chemistry, 2015, 11, 1060-1067.	2.2	4
62	First synthesis of nitrosporeusines, alkaloids with multiple biological activities. Tetrahedron Letters, 2015, 56, 1252-1254.	1.4	10
63	Enantiospecific Synthesis of Both Enantiomers of the Longtailed Mealybug Pheromone and Their Evaluation in a New Zealand Vineyard. Journal of Organic Chemistry, 2015, 80, 7785-7789.	3.2	7
64	Breaking and Making of Olefins Simultaneously Using Ozonolysis: Application to the Synthesis of Useful Building Blocks and Macrocyclic Core of Solomonamides. Organic Letters, 2015, 17, 2090-2093.	4.6	19
65	Total Synthesis and Structural Revision of Mycalol, an Anticancer Natural Product from the Marine Source. Organic Letters, 2015, 17, 1652-1655.	4.6	24
66	Silicon Incorporated Morpholine Antifungals: Design, Synthesis, and Biological Evaluation. ACS Medicinal Chemistry Letters, 2015, 6, 1111-1116.	2.8	38
67	Total Syntheses and Biological Evaluation of (±)-Botryosphaeridione, (±)-Pleodendione, 4- <i>epi</i> -Periconianone B, and Analogues. ACS Medicinal Chemistry Letters, 2015, 6, 1117-1121.	2.8	12
68	Design, Synthesis, and Identification of Silicon Incorporated Oxazolidinone Antibiotics with Improved Brain Exposure. ACS Medicinal Chemistry Letters, 2015, 6, 1105-1110.	2.8	40
69	One-pot quadruple/triple reaction sequence: a useful tool for the synthesis of natural products. Organic and Biomolecular Chemistry, 2015, 13, 970-973.	2.8	16
70	Total Synthesis of Deoxy-solomonamide B by Mimicking Biogenesis. Organic Letters, 2014, 16, 6148-6151.	4.6	20
71	Access to harmonine, a chemical weapon of ladybird beetles. RSC Advances, 2014, 4, 30923-30926.	3.6	4
72	Zinc mediated allylations of chlorosilanes promoted by ultrasound: Synthesis of novel constrained sila amino acids. Organic and Biomolecular Chemistry, 2014, 12, 4093-4097.	2.8	20

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73	Efforts towards the synthesis of microsporin B: ready access to both the enantiomers of the key amino acid fragment. Tetrahedron Letters, 2014, 55, 4777-4779.	1.4	7
74	Total Synthesis of (±)-Nardoaristolone B and Its Analogues. Organic Letters, 2014, 16, 4252-4255.	4.6	13
75	A General Approach to Nâ€Heterocyclic Carbenes with a Fused Tetracyclic Core: Ligands for Suzuki–Miyaura Crossâ€Coupling Reaction. European Journal of Organic Chemistry, 2014, 2014, 4482-4486.	2.4	11
76	Total synthesis of an anticancer norsesquiterpene alkaloid isolated from the fungus Flammulina velutipes. Organic and Biomolecular Chemistry, 2014, 12, 4098-4103.	2.8	19
77	Ready Access to Functionally Embellished cis-Hydrindanes and cis-Decalins: Protecting Group-Free Total Syntheses of (±)-Nootkatone and (±)-Noreremophilane. Journal of Organic Chemistry, 2013, 78, 8149-8154.	3.2	20
78	First Total Synthesis of Hunanamycin A. Organic Letters, 2013, 15, 4556-4559.	4.6	15
79	Enantiodivergent routes to (+) and (â^')-novioses from (â^')-pantolactone. RSC Advances, 2013, 3, 20291.	3.6	12
80	A Diverted Total Syntheses of Potent Cell Adhesion Inhibitor Peribysin E Analogues. Organic Letters, 2013, 15, 1894-1897.	4.6	12
81	Synthesis of palmyrolide A and its cis-isomer and mechanistic insight into trans–cis isomerisation of the enamide macrocycle. Chemical Communications, 2013, 49, 3342.	4.1	28
82	Syntheses and Determination of Absolute Configurations and Biological Activities of the Enantiomers of the Longtailed Mealybug Pheromone. Journal of Organic Chemistry, 2013, 78, 6281-6284.	3.2	11
83	Synthesis of a Sex Pheromone of the Longtailed Mealybug, Pseudococcus longispinus. Synthesis, 2013, 45, 1689-1692.	2.3	8
84	Synthesis of isomeric corniculatolides. Tetrahedron Letters, 2012, 53, 6343-6346.	1.4	7
85	A green synthetic route to antimalarial and antibacterial agent CJ-15,801 and its isomer cis-CJ-15,801. RSC Advances, 2012, 2, 3596.	3.6	12
86	Studies toward the Synthesis of Potent Anti-inflammatory Peptides Solomonamides A and B: Synthesis of a Macrocyclic Skeleton and Key Fragment 4-Amino-6-(2′-amino-4′-hydroxyphenyl)-3-hydroxy-2-methyl-6-oxohexanoic Acid (AHMOA). Organic Letters, 2012, 14, 6222-6225.	4.6	15
87	Antituberculosis agent diaportheone B: synthesis, absolute configuration assignment, and anti-TB activity of its analogues. Organic and Biomolecular Chemistry, 2012, 10, 5385.	2.8	23
88	Total Synthesis of Isofregenedadiol#. Organic Letters, 2011, 13, 3690-3693.	4.6	22
89	Synthesis of Molluscicidal Agent Cyanolide A Macrolactone from <scp>d</scp> -(â^')-Pantolactone. Journal of Organic Chemistry, 2011, 76, 963-966.	3.2	43
90	Synthesis of novel sugar-lactam conjugates using the Aubé reaction. Organic and Biomolecular Chemistry, 2011, 9, 744-747.	2.8	7

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91	Structure–activity relationship studies of novel pyrazole and imidazole carboxamides as cannabinoid-1 (CB1) antagonists. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4913-4918.	2.2	13
92	Novel pyrazole-3-carboxamide derivatives as cannabinoid-1 (CB1) antagonists: Journey from non-polar to polar amides. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 562-568.	2.2	25
93	Synthesis of novel dihydrooxazine and oxazoline based sugar hybrids from sugar azides. Tetrahedron Letters, 2011, 52, 4313-4315.	1.4	8
94	An Enantiospecific Route to (+)-(1R,3S)-cis-Chrysanthemic Acid from (-)-d-Pantolactone¹. Synthesis, 2011, 2011, 1067-1070.	2.3	0
95	A Phosphine-Mediated Synthesis of 1,4-Oxazepine- and 1,5-Oxazocine-Based Sugar Hybrids from Deoxysugar AzidesÂ ¹ . Synthesis, 2011, 2011, 3523-3529.	2.3	2
96	An efficient synthesis of varenicline. Tetrahedron Letters, 2010, 51, 151-152.	1.4	10
97	Enantiospecific synthesis of sex pheromone of the obscure mealybug from pantolactone via tandem conjugate addition/cyclization. Tetrahedron Letters, 2010, 51, 5291-5293.	1.4	15
98	A new route to eremophilanes: synthesis of (±)-eremophilenolide, (±)-eremophiledinone, and (±)-deoxyeremopetasidione. Tetrahedron Letters, 2008, 49, 6084-6086.	1.4	11
99	Synthesis of an oxa-lipoic acid. Tetrahedron Letters, 2007, 48, 4533-4534.	1.4	0
100	Synthesis of cyclic peptides using a palladium-catalyzed enyne cycloisomerization. Tetrahedron Letters, 2006, 47, 3569-3571.	1.4	16
101	Synthesis of γ-N-acylamino-β-keto esters and ethyl 5-oxazoleacetates via Ritter reaction and hydration of γ-hydroxy-α,β-alkynoic esters. Tetrahedron Letters, 2006, 47, 4385-4388.	1.4	9
102	Enantiospecific synthesis of (â^')-d-noviose from (â^')-pantolactone. Tetrahedron Letters, 2006, 47, 6373-6375.	1.4	15
103	A concise asymmetric route to the antibiotic macrolides patulolide A and pyrenophorin. Tetrahedron Letters, 2006, 47, 6623-6626.	1.4	8
104	A mild and efficient method for the synthesis of vinylogous carbamates from alkyl azides. Tetrahedron Letters, 2005, 46, 979-982.	1.4	28
105	A simple procedure for the synthesis of γ-hydroxy-α,β-(E)-alkenoic esters: formal synthesis of (+)-macrosphelides A and B. Tetrahedron Letters, 2005, 46, 2287-2290.	1.4	16
106	Synthesis of small cyclic peptides constrained with 3-(3-aminomethylphenyl)propionic acid linkers using free radical-mediated macrocyclization. Tetrahedron Letters, 2005, 46, 5207-5210.	1.4	12
107	The first synthesis of a noreremophilane isolated from the roots of Ligularia przewalskii. Tetrahedron Letters, 2005, 46, 5211-5213.	1.4	7
108	Deamidation of model Î ² -turn cyclic peptides in the solid state. Journal of Pharmaceutical Sciences, 2005, 94, 2616-2631.	3.3	10

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109	Synthesis of Conformationally Constrained Cyclic Peptides Using an Intramolecular Sonogashira Couplingâ€. Journal of Organic Chemistry, 2005, 70, 9626-9628.	3.2	34
110	Efficient and General Approach to Eremophilanes Using Siloxyalkyneâ^'Alkene Metathesis. Journal of Organic Chemistry, 2004, 69, 4860-4862.	3.2	31
111	Synthesis and Conformational Studies of Dipeptides Constrained by Disubstituted 3-(Aminoethoxy)propionic Acid Linkers. Journal of Organic Chemistry, 2004, 69, 1716-1719.	3.2	20
112	Domino Reactions That Combine an Azido-Schmidt Ring Expansion with the Dielsâ^'Alder Reaction. Organic Letters, 2004, 6, 4993-4995.	4.6	48
113	A General Approach Toward Bakkanes:  Short Synthesis of (±)-Bakkenolide-A (Fukinanolide)â€. Organic Letters, 2004, 6, 3345-3347.	4.6	19
114	Asymmetric Schmidt Reaction of Hydroxyalkyl Azides with Ketones. Journal of the American Chemical Society, 2003, 125, 7914-7922.	13.7	101
115	Lewis Acid-Mediated Reactions of Alkyl Azides with $\hat{I}\pm,\hat{I}^2$ -Unsaturated Ketones. Organic Letters, 2003, 5, 3899-3902.	4.6	77
116	Siloxyalkyne–Alkene Metathesis: Rapid Access to Highly Functionalized Enones. Angewandte Chemie - International Edition, 2001, 40, 4274-4277.	13.8	106
117	Total Synthesis of Primnatriene-type Sesquiterpenoids of Marine Origin via Regioselective Haller-Bauer Cleavage of endo-Tricyclo(5.2.1.02,6)decan-10-one System. Synlett, 1996, 1996, 229-230.	1.8	10
118	Total Synthesis of 12,13â€Ðibenzylâ€Banistenoside B and Analogs. European Journal of Organic Chemistry, 0, , .	2.4	0