D Srinivasa Reddy

List of Publications by Year in descending order

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304743 302126 2,138 118 22 citations h-index g-index papers

119 119 119 2307 times ranked docs citations citing authors all docs

39

#	Article	IF	CITATIONS
1	Quest for Novel Chemical Entities through Incorporation of Silicon in Drug Scaffolds. Journal of Medicinal Chemistry, 2018, 61, 3779-3798.	6.4	339
2	Siloxyalkyne–Alkene Metathesis: Rapid Access to Highly Functionalized Enones. Angewandte Chemie - International Edition, 2001, 40, 4274-4277.	13.8	106
3	Asymmetric Schmidt Reaction of Hydroxyalkyl Azides with Ketones. Journal of the American Chemical Society, 2003, 125, 7914-7922.	13.7	101
4	Lewis Acid-Mediated Reactions of Alkyl Azides with \hat{l}_{\pm},\hat{l}^2 -Unsaturated Ketones. Organic Letters, 2003, 5, 3899-3902.	4.6	77
5	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
6	Domino Reactions That Combine an Azido-Schmidt Ring Expansion with the Dielsâ ⁻ 'Alder Reaction. Organic Letters, 2004, 6, 4993-4995.	4.6	48
7	Synthesis of Molluscicidal Agent Cyanolide A Macrolactone from <scp>d</scp> -(â^')-Pantolactone. Journal of Organic Chemistry, 2011, 76, 963-966.	3.2	43
8	Specific Stereoisomeric Conformations Determine the Drug Potency of Cladosporin Scaffold against Malarial Parasite. Journal of Medicinal Chemistry, 2018, 61, 5664-5678.	6.4	41
9	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
10	Design, Synthesis, and Identification of Silicon Incorporated Oxazolidinone Antibiotics with Improved Brain Exposure. ACS Medicinal Chemistry Letters, 2015, 6, 1105-1110.	2.8	40
11	Silicon Incorporated Morpholine Antifungals: Design, Synthesis, and Biological Evaluation. ACS Medicinal Chemistry Letters, 2015, 6, 1111-1116.	2.8	38
12	Repurposing Ivacaftor for treatment of Staphylococcus aureus infections. International Journal of Antimicrobial Agents, 2017, 50, 389-392.	2.5	36
13	Synthesis of Conformationally Constrained Cyclic Peptides Using an Intramolecular Sonogashira Couplingâ€. Journal of Organic Chemistry, 2005, 70, 9626-9628.	3.2	34
14	Efficient and General Approach to Eremophilanes Using Siloxyalkyneâ [^] Alkene Metathesis. Journal of Organic Chemistry, 2004, 69, 4860-4862.	3.2	31
15	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
16	Total Synthesis of the Marine Natural Product Solomonamide B Necessitates Stereochemical Revision. Organic Letters, 2016, 18, 3178-3181.	4.6	29
17	A mild and efficient method for the synthesis of vinylogous carbamates from alkyl azides. Tetrahedron Letters, 2005, 46, 979-982.	1.4	28
18	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

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19	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
20	Total Synthesis and Structural Revision of Mycalol, an Anticancer Natural Product from the Marine Source. Organic Letters, 2015, 17, 1652-1655.	4.6	24
21	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
22	Solutionâ€Phase Synthesis of the Macrocyclic Core of Teixobactin. European Journal of Organic Chemistry, 2016, 2016, 4289-4293.	2.4	23
23	A multi-step continuous flow synthesis of the cystic fibrosis medicine ivacaftor. Reaction Chemistry and Engineering, 2018, 3, 520-526.	3.7	23
24	Total Synthesis of Isofregenedadiol#. Organic Letters, 2011, 13, 3690-3693.	4.6	22
25	Teixobactin: A Paving Stone toward a New Class of Antibiotics?. Journal of Medicinal Chemistry, 2020, 63, 12171-12195.	6.4	22
26	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
27	Ready Access to Functionally Embellished cis-Hydrindanes and cis-Decalins: Protecting Group-Free Total Syntheses of $(\hat{A}\pm)$ -Nootkatone and $(\hat{A}\pm)$ -Noreremophilane. Journal of Organic Chemistry, 2013, 78, 8149-8154.	3.2	20
28	Total Synthesis of Deoxy-solomonamide B by Mimicking Biogenesis. Organic Letters, 2014, 16, 6148-6151.	4.6	20
29	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
30	A General Approach Toward Bakkanes:  Short Synthesis of (±)-Bakkenolide-A (Fukinanolide)â€. Organic Letters, 2004, 6, 3345-3347.	4.6	19
31	Total synthesis of an anticancer norsesquiterpene alkaloid isolated from the fungus Flammulina velutipes. Organic and Biomolecular Chemistry, 2014, 12, 4098-4103.	2.8	19
32	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
33	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
34	First Total Synthesis of Gliomasolide C and Formal Total Synthesis of Sch-725674. Journal of Organic Chemistry, 2016, 81, 290-296.	3.2	17
35	A simple procedure for the synthesis of \hat{l}^3 -hydroxy- $\hat{l}\pm,\hat{l}^2$ -(E)-alkenoic esters: formal synthesis of (+)-macrosphelides A and B. Tetrahedron Letters, 2005, 46, 2287-2290.	1.4	16
36	Synthesis of cyclic peptides using a palladium-catalyzed enyne cycloisomerization. Tetrahedron Letters, 2006, 47, 3569-3571.	1.4	16

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37	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
38	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
39	Enantiospecific synthesis of (â^')-d-noviose from (â^')-pantolactone. Tetrahedron Letters, 2006, 47, 6373-6375.	1.4	15
40	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
41	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
42	First Total Synthesis of Hunanamycin A. Organic Letters, 2013, 15, 4556-4559.	4.6	15
43	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
44	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 46 15
45	Scalable, sustainable and catalyst-free continuous flow ozonolysis of fatty acids. Green Chemistry, 2021, 23, 2391-2396.	9.0	14
46	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
47	Total Synthesis of (±)-Nardoaristolone B and Its Analogues. Organic Letters, 2014, 16, 4252-4255.	4.6	13
48	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
49	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
50	Enantiodivergent routes to (+) and (\hat{a}^{-1})-novioses from (\hat{a}^{-1})-pantolactone. RSC Advances, 2013, 3, 20291.	3.6	12
51	A Diverted Total Syntheses of Potent Cell Adhesion Inhibitor Peribysin E Analogues. Organic Letters, 2013, 15, 1894-1897.	4.6	12
52	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
53	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
54	Identification of noreremophilane-based inhibitors of angiogenesis using zebrafish assays. Organic and Biomolecular Chemistry, 2016, 14, 1569-1578.	2.8	12

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55	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
56	A new route to eremophilanes: synthesis of $(\hat{A}\pm)$ -eremophilenolide, $(\hat{A}\pm)$ -eremophiledinone, and $(\hat{A}\pm)$ -deoxyeremopetasidione. Tetrahedron Letters, 2008, 49, 6084-6086.	1.4	11
57	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
58	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
59	Molecules with O-acetyl group protect protein glycation by acetylating lysine residues. RSC Advances, 2016, 6, 65572-65578.	3.6	11
60	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
61	Deamidation of model \hat{l}^2 -turn cyclic peptides in the solid state. Journal of Pharmaceutical Sciences, 2005, 94, 2616-2631.	3.3	10
62	An efficient synthesis of varenicline. Tetrahedron Letters, 2010, 51, 151-152.	1.4	10
63	First synthesis of nitrosporeusines, alkaloids with multiple biological activities. Tetrahedron Letters, 2015, 56, 1252-1254.	1.4	10
64	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
65	Synthesis of \hat{l}^3 -N-acylamino- \hat{l}^2 -keto esters and ethyl 5-oxazoleacetates via Ritter reaction and hydration of \hat{l}^3 -hydroxy- $\hat{l}\pm,\hat{l}^2$ -alkynoic esters. Tetrahedron Letters, 2006, 47, 4385-4388.	1.4	9
66	Insect-Repellent and Mosquitocidal Effects of Noreremophilane- and Nardoaristolone-Based Compounds. ACS Omega, 2019, 4, 2188-2195.	3.5	9
67	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
68	The biological process of lysineâ€tRNA charging is therapeutically targetable in liver cancer. Liver International, 2021, 41, 206-219.	3.9	9
69	Ready Access to Benzannulated [5,5]-Oxaspirolactones Using Au(III)-Catalyzed Cascade Cyclizations. Journal of Organic Chemistry, 2022, 87, 3025-3041.	3.2	9
70	A concise asymmetric route to the antibiotic macrolides patulolide A and pyrenophorin. Tetrahedron Letters, 2006, 47, 6623-6626.	1.4	8
71	Synthesis of novel dihydrooxazine and oxazoline based sugar hybrids from sugar azides. Tetrahedron Letters, 2011, 52, 4313-4315.	1.4	8
72	Synthesis of a Sex Pheromone of the Longtailed Mealybug, Pseudococcus longispinus. Synthesis, 2013, 45, 1689-1692.	2.3	8

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73	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
74	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
75	The first synthesis of a noreremophilane isolated from the roots of Ligularia przewalskii. Tetrahedron Letters, 2005, 46, 5211-5213.	1.4	7
76	Synthesis of novel sugar-lactam conjugates using the Aub \tilde{A} © reaction. Organic and Biomolecular Chemistry, 2011, 9, 744-747.	2.8	7
77	Synthesis of isomeric corniculatolides. Tetrahedron Letters, 2012, 53, 6343-6346.	1.4	7
78	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
79	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
80	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
81	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
82	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
83	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
84	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
85	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
86	Access to a Stereoisomer Library of Solomonamide Macrocycles. Chemistry - an Asian Journal, 2019, 14, 4572-4576.	3.3	6
87	Total synthesis of Met10-teixobactin. Tetrahedron Letters, 2019, 60, 1909-1912.	1.4	6
88	Scalable synthesis of cladosporin. Tetrahedron Letters, 2019, 60, 831-833.	1.4	6
89	Neural Antiâ€Inflammatory Natural Product Periconianone A: Total Synthesis and Biological Evaluation. European Journal of Organic Chemistry, 2019, 2019, 2376-2381.	2.4	6
90	Tuning of \hat{l} ±-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

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91	Enantiospecific Formal Synthesis of Inthomycin C. ChemistrySelect, 2016, 1, 495-497.	1.5	5
92	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
93	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
94	Design, Synthesis, and Structural Analysis of Cladosporin-Based Inhibitors of Malaria Parasites. ACS Infectious Diseases, 2021, 7, 1777-1794.	3.8	5
95	Ready Access to Densely Substituted Furans Using Tsuji–Wacker-Type Cyclization. Journal of Organic Chemistry, 2022, 87, 556-568.	3.2	5
96	Access to harmonine, a chemical weapon of ladybird beetles. RSC Advances, 2014, 4, 30923-30926.	3.6	4
97	Synthesis of novel <i>N</i> -cyclopentenyl-lactams using the Aubé reaction. Beilstein Journal of Organic Chemistry, 2015, 11, 1060-1067.	2.2	4
98	Multi-gram scale synthesis of hunanamycin A, an antibiotic natural product from the marine source. Tetrahedron Letters, 2016, 57, 3662-3663.	1.4	4
99	A Total Synthesis of (–)â€Nardoaristolone B. European Journal of Organic Chemistry, 2016, 2016, 3804-3808.	2.4	4
100	Total synthesis of natural fregenedadiol and its diacetate, rearranged labdanes with aromatized B ring. Tetrahedron Letters, 2017, 58, 1262-1264.	1.4	4
101	Access to Fused Tricyclic \hat{I}^3 -Butyrolactones, A Natural Product-like Scaffold. Journal of Organic Chemistry, 2017, 82, 7614-7620.	3.2	4
102	Identification of a Novel Series of Potent Organosilicon Mosquito Repellents. ACS Omega, 2021, 6, 31236-31243.	3.5	4
103	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
104	Scalable Synthesis of Both Enantiomers of Vigabatrin, an Antiepileptic Drug. European Journal of Organic Chemistry, 2019, 2019, 1257-1260.	2.4	3
105	Total synthesis and absolute configuration determination of Ktedonoketone, a benzenoid metabolite from Thermophilic bacterium. Tetrahedron Letters, 2020, 61, 152526.	1.4	3
106	A Phosphine-Mediated Synthesis of 1,4-Oxazepine- and 1,5-Oxazocine-Based Sugar Hybrids from Deoxysugar Azides \hat{A}^1 . Synthesis, 2011, 2011, 3523-3529.	2.3	2
107	Total synthesis of twelve membered resorcyclic acid lactones, (R)-penicimenolide A, (R)-resorcyclide and (R)-dihydroresorcyclide. Tetrahedron, 2021, 85, 132059.	1.9	2
108	Synthesis and Biological Evaluation of Hoshionolactamâ€Based Compounds. European Journal of Organic Chemistry, 2021, 2021, 2212-2218.	2.4	2

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109	Total Synthesis of a Hypothetical Macroketone of Migrastatin. European Journal of Organic Chemistry, 2021, 2021, 3050-3053.	2.4	2
110	DBU/O ₂ -Mediated Oxidation of Dienones. Journal of Organic Chemistry, 2021, 86, 9200-9205.	3.2	2
111	Separation of a diastereomeric diol pair using the mechanical properties of crystals. CrystEngComm, 2021, 23, 7056-7060.	2.6	2
112	Synthesis of \hat{l}_{\pm} -ketoamides using potassium superoxide (KO2) as an oxidizing agent. Tetrahedron, 2020, 76, 131262.	1.9	2
113	Herbicidal bio-assay of isocladosporin enantiomers and determination of its plausible absolute configuration. Journal of Antibiotics, 2021, 74, 280-284.	2.0	1
114	One $\hat{a} \in \mathbb{P}$ of Oxidation of Secondary Alcohols to \hat{l}_{\pm} $\hat{a} \in \mathbb{H}$ ydroxy Ketones: Application to Synthesis of Oxoaplysinopsin D, E, F, & G. European Journal of Organic Chemistry, 2021, 2021, 2188-2192.	2.4	1
115	Antibiotic natural product hunanamycin A: Lead identification towards anti-Salmonella agents. European Journal of Medicinal Chemistry, 2022, 236, 114245.	5.5	1
116	Synthesis of an oxa-lipoic acid. Tetrahedron Letters, 2007, 48, 4533-4534.	1.4	0
117	An Enantiospecific Route to (+)-(1R,3S)-cis-Chrysanthemic Acid from (-)-d-Pantolactone \hat{A}^1 . Synthesis, 2011, 2011, 1067-1070.	2.3	O
118	Total Synthesis of 12,13â€Dibenzylâ€Banistenoside B and Analogs. European Journal of Organic Chemistry, 0, , .	2.4	O