Suresh Reddy Cirandur

List of Publications by Year
in descending order

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150	1,764	361045	454577
papers	citations	20 h-index	30 g-index

152	152	152	1593
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biogenic silver nanoparticles using Rhinacanthus nasutus leaf extract: synthesis, spectral analysis, and antimicrobial studies. International Journal of Nanomedicine, 2013, 8, 3355.	3.3	76
2	PEG-SO3H catalyzed synthesis and cytotoxicity of Î±-aminophosphonates. European Journal of Medicinal Chemistry, 2012, 47, 553-559.	2.6	60
3	Synthesis and anticancer activity of new class of bisphosphonates/phosphanamidates. European Journal of Medicinal Chemistry, 2008, 43, 885-892.	2.6	47
4	Palladium-Catalyzed Regioselective Domino Cyclization of Cyclohexadienones. Journal of Organic Chemistry, 2015, 80, 5566-5571.	1.7	44
5	Synthesis, antibacterial and anti-inflammatory activity of bis(indolyl)methanes. Chinese Chemical Letters, 2016, 27, 16-20.	4.8	42
6	Supramolecular catalysis by Î²-cyclodextrin for the synthesis of kojic acid derivatives in water. New Journal of Chemistry, 2016, 40, 1693-1697.	1.4	41
7	Syntheses, spectral property, and antimicrobial activities of 6-Î±-amino dibenzo [d,f] [1,3,2]dioxaphosphepin 6-oxides. Heteroatom Chemistry, 2007, 18, 2-8.	0.4	35
8	Visible-light-promoted photocatalyst- and additive-free intermolecular trifluoromethyl-thio(seleno)cyanation of alkenes. Green Chemistry, 2020, 22, 5589-5593.	4.6	35
9	Synthesis and Biological Evaluation of Benzo[b]furans as Inhibitors of Tubulin Polymerization and Inducers of Apoptosis. ChemMedChem, 2014, 9, 117-128.	1.6	34
10	Synthesis, Antimicrobial, and Antioxidant Activity of New Î±-Aminophosphonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1411-1421.	0.8	33
11	Tween-20: An Efficient Catalyst for One-Pot Synthesis of Î±-Aminophosphonates in Aqueous Media. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 523-534.	0.8	33
12	Microwave Assisted One-pot Synthesis of Novel Î±-Aminophosphonates and heir Biological Activity. Bulletin of the Korean Chemical Society, 2010, 31, 1863-1868.	1.0	33
13	Synthesis and bio-activity evaluation of tetraphenyl(phenylamino) methylene bisphosphonates as antioxidant agents and as potent inhibitors of osteoclasts in vitro. European Journal of Medicinal Chemistry, 2011, 46, 1798-1802.	2.6	32
14	Green Synthesis and Bioactivity of 2-Amino-4<i>H</i>-chromen-4-yl-phosphonates. Chemical and Pharmaceutical Bulletin, 2012, 60, 854-858.	0.6	30
15	Tandem Prins and Friedelâ€“Crafts Cyclizations for the StereoÂselective Synthesis of trans-Fused Hexahydro-1H-benzo[g]isochromene Derivatives. Synthesis, 2015, 47, 1117-1122.	1.2	27
16	Green synthesis, molecular docking, anti-oxidant and anti-inflammatory activities of Î±-aminophosphonates. Medicinal Chemistry Research, 2019, 28, 1740-1754.	1.1	24
17	Synthesis and antioxidant activity of some new N-alkylated pyrazole-containing benzimidazoles. Chemistry of Heterocyclic Compounds, 2017, 53, 173-178.	0.6	23
18	Synthesis and antimicrobial activity of novel 3 substituted 1,5-dihydro-2,4,3-benzodioxaphosphepine 3-oxides. Heteroatom Chemistry, 2005, 16, 572-575.	0.4	22

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19	Synthesis of 2-substituted-2,3-dihydro-5-benzoyl-1H-1,3,2-benzodiazaphosphole 2-oxides/sulfides. Heteroatom Chemistry, 2002, 13, 340-345.	0.4	21
20	Green Synthesis of Aminobisphosphonates Under Microwave Irradiation. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 186, 74-80.	0.8	21
21	Green Synthesis of Î±â€<scp>A</scp>minophosphonate Derivatives on a Solid Supported Ti<scp>O</scp>₂â€“<scp>S</scp>i<scp>O</scp>₂ Catalyst and Their Anticancer Activity. Archiv Der Pharmazie, 2013, 346, 667-676.	2.1	21
22	Design and Synthesis of Some New Benzimidazole Containing Pyrazoles and Pyrazolyl Thiazoles as Potential Antimicrobial Agents. Journal of Heterocyclic Chemistry, 2019, 56, 589-596.	1.4	21
23	Î²-Cyclodextrin promoted allylation of aldehydes with allyltributyltin under supramolecular catalysis in water. Tetrahedron Letters, 2005, 46, 4299-4301.	0.7	20
24	Phosphosulfonic acidâ€catalyzed green synthesis and bioassay of Î±â€arylâ€Î±â€²â€1,3,4â€thiadiazolyl aminophosphonates. Heteroatom Chemistry, 2016, 27, 269-278.	0.4	20
25	Investigation of binding mechanism of novel 8-substituted coumarin derivatives with human serum albumin and Î±-1-glycoprotein. Journal of Biomolecular Structure and Dynamics, 2016, 34, 2023-2036.	2.0	20
26	Polyethylene glycol in water: a simple and environment friendly medium for Câ€“P bond formation. Catalysis Science and Technology, 2011, 1, 1665.	2.1	19
27	Design, Synthesis, Antioxidant, and Antiâ€Breast Cancer Activities of Novel Diethyl(alkyl/aryl/heteroarylamino)(4â€(pyridinâ€2â€yl)phenyl)methylphosphonates. Archiv Der Pharmazie, 2013, 346, 380-391.	2.1	19
28	PEPPSI-SONO-SP²: a new highly efficient ligand-free catalyst system for the synthesis of tri-substituted triazine derivatives via Suzukiâ€“Miyaura and Sonogashira coupling reactions under a green approach. New Journal of Chemistry, 2016, 40, 5135-5142.	1.4	19
29	Syntheses and Antimicrobial Activity of 2-Substituted-2,3-Dihydro-3-(4â€²-Bromophenyl)-1H-Naphth[1,2-e][1,3,2]Oxazaphosphorin 2-Oxides/Sulfides. Phosphorus, Sulfur and Silicon and the Related Elements, 2000, 167, 181-193.	0.8	18
30	Phosphomolybdic Acid/SiO2 as Heterogeneous Solid Acid Catalyst for the Rapid Synthesis of N-Substituted Pyrroles. Synthetic Communications, 2008, 38, 3456-3464.	1.1	18
31	Facile Synthesis, Antioxidant and Antimicrobial Activity of Amino Methylene Bisphosphonates. Chemical and Pharmaceutical Bulletin, 2012, 60, 104-109.	0.6	18
32	Meglumine as a green, efficient and reusable catalyst for synthesis and molecular docking studies of bis(indolyl)methanes as antioxidant agents. Bioorganic Chemistry, 2019, 87, 465-473.	2.0	18
33	Novel Î±-Aminophosphonates of imatinib Intermediate: Synthesis, anticancer Activity, human Abl tyrosine kinase Inhibition, ADME and toxicity prediction. Bioorganic Chemistry, 2021, 109, 104718.	2.0	18
34	Synthesis and Antimicrobial Activity of Bisphosphonates. Journal of Chemical Research, 2009, 2009, 258-260.	0.6	17
35	Synthesis and biological evaluation of cinnamido linked benzophenone hybrids as tubulin polymerization inhibitors and apoptosis inducing agents. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 2309-2314.	1.0	17
36	Efficient Synthesis of Î±-Aminophosphonates and Evaluation of Significance of PËO Group towards Antioxidant Activity. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 232-239.	0.8	17

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37	Synthesis of Î±-aminophosphonates by the Kabachnik-Fields reaction. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 353-381.	0.8	17
38	Synthesis and antimicrobial activity of 5,5â€²-dimethyl-2-oxido-[1,3,2]-dioxaphos-phorinane-2-yl-amino carboxylates. Heteroatom Chemistry, 2008, 19, 256-260.	0.4	16
39	Synthesis of N-(3-picolyl)-based 1,3,2Î»5-benzoxazaphosphinamides as potential 11Î²-HSD1 enzyme inhibitors. Medicinal Chemistry Research, 2015, 24, 1119-1135.	1.1	16
40	Synthesis and antimicrobial activity of novel 2â€alkyl/arylcarbamatoâ€6â€(1,1â€dimethylethyl)â€3â€cyclohexylâ€3,4â€dihydroâ€2Hâ€1,3,2â€benzoxazaphosphorineâ€2â€ Journal of Heterocyclic Chemistry, 2002, 39, 1039-1044.	1.1	15
41	Synthesis and bio-evaluation of novel 7-hydroxy coumarin derivatives via Knoevenagel reaction. Research on Chemical Intermediates, 2015, 41, 1115-1133.	1.3	15
42	Nano-Cuoâ€“Au-catalyzed solvent-free synthesis of Î±-aminophosphonates and evaluation of their antioxidant and Î±-glucosidase enzyme inhibition activities. Synthetic Communications, 2018, 48, 1148-1163.	1.1	15
43	Meglumine sulfate-catalyzed one-pot green synthesis and antioxidant activity of Î±-aminophosphonates. Synthetic Communications, 2019, 49, 563-575.	1.1	15
44	Synthesis, antioxidant activity, and Î±â€glucosidase enzyme inhibition of Î±â€aminophosphonate derivatives bearing piperazineâ€1,2,3â€triazole moiety. Journal of Heterocyclic Chemistry, 2021, 58, 172-181.	1.4	15
45	Ytterbium perfluorooctanoate [Yb(PFO)3]: a novel and efficient catalyst for the synthesis of tetrahydrobenzo[a]xanthene-11-ones under microwave irradiation. Catalysis Science and Technology, 2012, 2, 1382.	2.1	14
46	Designing, synthesis, and characterization of some novel coumarin derivatives as probable anticancer drugs. Medicinal Chemistry Research, 2013, 22, 4146-4157.	1.1	14
47	Silica-Supported Tungstic Acid Catalyzed Synthesis and Antioxidant Activity of Î±-Hydroxyphosphonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 1479-1488.	0.8	14
48	Nano CuOâ€“Agâ€catalyzed synthesis of some novel pyrano[2,3â€d] pyrimidine derivatives and evaluation of their bioactivity. Journal of the Chinese Chemical Society, 2020, 67, 805-820.	0.8	14
49	Green Biosynthesis, Antioxidant, Antibacterial, and Anticancer Activities of Silver Nanoparticles of Luffa acutangula Leaf Extract. BioMed Research International, 2021, 2021, 1-28.	0.9	14
50	Polyethylene Glycolâ€“Promoted Dialkyl, Aryl/Heteroaryl Phosphonates. Synthetic Communications, 2011, 41, 3462-3468.	1.1	13
51	An Elegant Microwave Assisted Oneâ€Pot Synthesis of Di(Î±â€aminophosphonate) Pesticides. Archiv Der Pharmazie, 2014, 347, 819-824.	2.1	13
52	Nano ZnO catalyzed green synthesis and cytotoxic assay of pyridinyl and pyrimidinyl bisphosphonates. Monatshefte FÃ¼r Chemie, 2017, 148, 1843-1851.	0.9	13
53	Green synthesis, antibacterial, antiviral and molecular docking studies of Î±-aminophosphonates. Synthetic Communications, 2020, 50, 2655-2672.	1.1	13
54	Oxone as a Mild, Inexpensive, and Environmentally Benign Oxidant for the Î±-Thiocyanation of Ketones. Synthetic Communications, 2008, 38, 2089-2095.	1.1	12

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55	CeCl3Â·7H2O: a highly efficient catalyst for the synthesis of 1-substituted-octahydro-[1,3,2]diazaphospholo[1,5-a]pyridine-1-oxide. Tetrahedron Letters, 2013, 54, 6071-6076.	0.7	12
56	Nano Gd₂O₃ catalyzed synthesis and anti-oxidant activity of new Î±-aminophosphonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 933-938.	0.8	12
57	One-pot green synthesis and cytotoxicity of new Î±-aminophosphonates. Research on Chemical Intermediates, 2017, 43, 7087-7103.	1.3	12
58	SYNTHESIS, SPECTRAL, X-RAY DIFFRACTION ANALYSIS AND ANTIMICROBIAL ACTIVITY OF 6-ARYLOXY/TRICHLOROMETHYL/CHLOROETHOXY-12-OXO-DIBENZO[d,g] [1,3,2] DIOXAPHOSPHOCIN 6-OXIDES. Phosphorus, Sulfur and Silicon and the Related Elements, 2001, 173, 83-104.	0.8	11
59	Neat synthesis and antioxidant activity of Î±-aminophosphonates. Arabian Journal of Chemistry, 2014, 7, 833-838.	2.3	11
60	Polyethylene glycol (PEG-400): An efficient medium for the synthesis of 1,2-disubstituted benzimidazoles. Cogent Chemistry, 2015, 1, 1049932.	2.5	11
61	Triton X-100 catalyzed synthesis of Î±-aminophosphonates. Arabian Journal of Chemistry, 2016, 9, S685-S690.	2.3	11
62	TiO₂â€“SiO₂ Catalyzed Ecoâ€friendly Synthesis and Antioxidant Activity of Benzopyrano[2,3â€d]pyrimidine Derivatives. Journal of Heterocyclic Chemistry, 2017, 54, 2598-2604.	1.4	11
63	Solvent-free synthesis of Î±-aminophosphonates: Cellulose-SO 3 H as an efficient catalyst. Arabian Journal of Chemistry, 2017, 10, S368-S375.	2.3	11
64	One-pot green synthesis and bio-assay of pyrazolylphosphonates. Research on Chemical Intermediates, 2018, 44, 3475-3491.	1.3	11
65	Nano Sb2O3 catalyzed green synthesis, cytotoxic activity, and molecular docking study of novel Î±-aminophosphonates. Medicinal Chemistry Research, 2019, 28, 528-544.	1.1	11
66	Design, synthesis, cytotoxic evaluation and molecular docking studies of novel thiazolyl Î±-aminophosphonates. Research on Chemical Intermediates, 2021, 47, 1139-1160.	1.3	11
67	Green Synthesis, Antioxidant, and Plant Growth Regulatory Activities of Novel Î±-Furfuryl-2-alkylaminophosphonates. ACS Omega, 2021, 6, 2934-2948.	1.6	11
68	Synthesis and antimicrobial activity of 8-alkylcarbamato-16H-dinaphtho [2,1-d:1?,2?-g] 1,3,2-dioxaphosphocin 8-oxides. Heteroatom Chemistry, 2001, 12, 16-20.	0.4	9
69	Synthesis and antimicrobial activity ofN-substitutedN?-[6-methyl-2-oxido-1,3,2-dioxaphosphinino(5,4-b)pyridine-2-yl]ureas. Heteroatom Chemistry, 2003, 14, 509-512.	0.4	9
70	Synthesis ofN-(Substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (aryl/cyclohexyl)-N'-[5-bromo-5-nitro-2-oxido-1,3,2-dioxaphosp Heterocyclic Chemistry, 2003, 40, 535-537.	1.4	9
71	Ceric ammonium nitrate (CAN) catalyzed synthesis and Î±-glucosidase activity of some novel tetrahydropyridine phosphonate derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 812-819.	0.8	9
72	potent Î±-glucosidase inhibitors. Synthetic Communications, 2020, 50, 587-601.	1.1	9

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73	Tween 20-/H₂O Promoted Green Synthesis, Computational and Antibacterial Activity of Amino Acid Substituted Methylene Bisphosphonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 2040-2050.	0.8	8
74	rGOâ€SO3H Catalysed Green Synthesis of Fluoroâ€Substituted Aminomethylene Bisphosphonates and their Anticancer, Molecular Docking studies. ChemistrySelect, 2019, 4, 13006-13011.	0.7	8
75	A meglumine catalystâ€“based synthesis, molecular docking, and antioxidant studies of dihydropyrano[3, 2â€•b]chromenedione derivatives. Journal of Heterocyclic Chemistry, 2020, 57, 355-369.	1.4	8
76	Cellulose-SO3H catalyzed synthesis of bis(Î±-aminophosphonates) and their antioxidant activity. Organic Communications, 2017, 10, 46-55.	0.8	8
77	The Synthesis and Bioactivity of Dimethyl (2,3- Dihydrobenzo[b][1,4]Dioxin-6-Yl)(Aryl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 58 551-557.	0.8	7
78	Efficient synthesis of polyfunctionalized thiophene-2,3-diones and thiophen-3(2H)-ones using Î²-oxodithioesters. RSC Advances, 2015, 5, 64797-64801.	1.7	7
79	PAA-SIO2 Catalyzed Synthesis, Uv Absorption, and Fluorescence Emission Studies of Diethyl (Aryl/Hetero Aryl Amino)(Pyren-1-Yl)Methylphosphonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 449-460.	0.8	7
80	Tungstosulfonic acid-catalyzed green synthesis and bioassay of Î±-aminophosphonates. Monatshefte FÃ¼r Chemie, 2019, 150, 1101-1109.	0.9	7
81	Green one-pot synthesis of N-bisphosphonates as antimicrobial and antioxidant agents. Monatshefte FÃ¼r Chemie, 2020, 151, 251-260.	0.9	7
82	Synthesis and antimicrobial activity of 3â€(Nâ€arylamino)â€2â€phenylâ€naphtho[1,3â€dâ€1,2â€oxaphosphole 2â€oxides. Journal of Heterocyclic Chemistry, 2005, 42, 775-779.	1.4	6
83	Syntheses and Antimicrobial Activity of Some Novel 6â€Substituted Dibenzo[d,Âf][1,3,2]dioxaphosphepinâ€6â€oxides, Sulfides, and Selenides. Synthetic Communications, 2007, 37, 1697-1708.	1.1	6
84	Synthesis of 3-(arylamino)-5-bromo-2-phenyl-2,3-dihydro-2Î»⁵-benzo[d][1,2]-oxaphosphol-2-oxides. Synthetic Communications, 2009, 39, 1310-1316.	1.1	6
85	Synthesis and antimicrobial activity of tris phosphonates. Journal of Heterocyclic Chemistry, 2011, 48, 221-225.	1.4	6
86	Ionic Liquidâ€“Promoted Phospha-Michael Reaction: Convenient Access to Î²-Nitrophosphonates. Synthetic Communications, 2015, 45, 2083-2091.	1.1	6
87	Microwave Energized Synthesis of 2â€Aroylindole Derivatives: Piperidine/DMF as an Effective Medium. Journal of Heterocyclic Chemistry, 2016, 53, 620-625.	1.4	6
88	Environmentally Benign and Facile Process for the Synthesis of Pantoprazole Sodium Sesquihydrate: Phase Transformation of Pantoprazole Sodium Heterosolvate to Pantoprazole Sodium Sesquihydrate. ACS Omega, 2017, 2, 5460-5469.	1.6	6
89	Microwave assisted synthesis and Anti-microbial activity of new Diethyl ((dialkoxyphosphoryl)) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Elements, 2018, 193, 329-334.	0.8	6
90	Nano-TiO₂/SiO₂catalyzed synthesis, theoretical calculations and bioactivity studies of new Î±-aminophosphonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2018, 193, 562-567.	0.8	6

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91	Palladium acetate-catalysed one-pot green synthesis of bis Î±-aminophosphonates. Research on Chemical Intermediates, 2019, 45, 1401-1420.	1.3	6
92	Excellency of pyrimidinyl moieties containing Î±-aminophosphonates over benzthiazolyl moieties for thermal and structural stability of stem bromelain. International Journal of Biological Macromolecules, 2020, 165, 2010-2021.	3.6	6
93	Synthesis and Anti-Pancreatic Cancer Activity Studies of Novel 3-Amino-2-hydroxybenzofused 2-Phospha-Î³-lactones. ACS Omega, 2021, 6, 11375-11388.	1.6	6
94	SYNTHESIS AND SPECTRAL STUDIES OF NOVEL 2-CHLOROETHYL DIOXA/DIOXATHIAPHOSPHOCINS AND BENZODIAZAPHOSPHOLE 2/6/8-OXIDES. Phosphorus, Sulfur and Silicon and the Related Elements, 2001, 173, 211-222.	0.8	5
95	Facile syntheses and antimicrobial studies of 6â€(aryloxy/arylthio/chloroethoxy)â€2,10â€dichloroâ€4,8â€dinitroâ€12â€trichloromemylâ€12Hâ€dibenzo[d,g][13,2]d 6â€oxides. Journal of Heterocyclic Chemistry, 2003, 40, 345-351.		5
96	Synthesis and bioâ€activity of novel iminophosphoranes. Journal of Heterocyclic Chemistry, 2008, 45, 1337-1341.	1.4	5
97	Synthesis of Novel (3a,S)â€1â€Aryl/aryloxy/alkoxyâ€3a,4â€dihydroâ€3Hâ€1Î»⁵â€[1,3,2]oxazaphospholo [3,4â€a] indoleâ€1â€ones, Thiones, and Selenones. Synthetic Communications, 2008, 38, 1398-1406.	1.1	5
98	Design and Synthesis of Benzopyranopyrimidinyl Phosphonates as Cytotoxic and Antioxidant Agents. Letters in Drug Design and Discovery, 2019, 16, 721-733.	0.4	5
99	SYNTHESIS OF SOME AMINO ACID ESTER LINKED DIOXATHIAPHOSPHOCIN/DIOXAPHOSPHOCIN DERIVATIVES. Synthetic Communications, 2001, 31, 2929-2933.	1.1	4
100	Syntheses of substituted 8-(aminobenzyl)dinaphthodioxaphosphocine 8-oxides. Chemistry of Heterocyclic Compounds, 2007, 43, 1336-1341.	0.6	4
101	Synthesis, antioxidant and antimicrobial activity of novel benzene-1,4-diamine-bis-dioxaphosphepine-6Î»5iminophosphoranes. Journal of Heterocyclic Chemistry, 2010, 47, NA-NA.	1.4	4
102	Synthesis, characterization, and evaluation of antimicrobial activities of a new class of macrocyclic phosphonates. Journal of Heterocyclic Chemistry, 2011, 48, 1229-1233.	1.4	4
103	An efficient KHSO₄ catalyzed synthesis of xanthenes. Heterocyclic Communications, 2012, 18, 53-56.	0.6	4
104	Synthesis and Bioassay of Ethyl-2- (2-((Diethoxyphosphoryl) (Aryl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (Methylamino)Thiazol-4 Elements, 2013, 188, 1402-1411.	0.8	4
105	Caveat in the stereochemical outcome of the organocatalytic Dielsâ€“Alder reaction in PEG-400. RSC Advances, 2016, 6, 76132-76136.	1.7	4
106	Synthesis and Bioassay of Dihydropyrano[3,2â€b]chromenediones. Journal of Heterocyclic Chemistry, 2016, 53, 493-498.	1.4	4
107	An efficient and facile synthesis of D-cycloserine substantially free from potential impurities. Chemistry of Heterocyclic Compounds, 2017, 53, 1248-1253.	0.6	4
108	Efficient catalyst free green synthesis and inÂvitro antimicrobial, antioxidant and molecular docking studies of Î±-substituted aromatic/heteroaromatic aminomethylene bisphosphonates. Synthetic Communications, 2021, 51, 747-764.	1.1	4

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109	<scp>2â€Aminoâ€3â€cyanoâ€4H</scp>â€chromeneâ€4â€ylphosphonates as potential antiviral agents: Synthesis, in ovo and in silico approach. Journal of Heterocyclic Chemistry, 2021, 58, 137-152.	1.4	4
110	TiO₂-SO₄²⁻ Catalyzed Synthesis and Antimicrobial Activity / Molecular Docking Studies of Î²-Indolylnitroalkanes. Combinatorial Chemistry and High Throughput Screening, 2016, 19, 290-297.	0.6	4
111	An efficient nano-FGT catalyzed green synthesis of Î±-aminophosphonates and evaluation of their antioxidant, anti-inflammatory activity and molecular docking studies. Synthetic Communications, 2022, 52, 129-144.	1.1	4
112	Green and eco-friendly synthesis of Î±-hydroxyphosphonates as antioxidant and antimicrobial agents. Journal of Molecular Structure, 2022, 1256, 132554.	1.8	4
113	Voltammetric studies of nitrofuroxime. Electroanalysis, 1991, 3, 699-706.	1.5	3
114	Synthesis of 6-Alkyl Carbamato/Alkyl Thiocarbamato-2,10-dichloro-12-trichloromethyl-12 H -dibenzo[d,g][1,3,2]-dioxaphosphocin 6-Oxides. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 1745-1748.	0.8	3
115	Synthesis, Spectral, and Antimicrobial Activity of 6-Alkylcarbamato-2,10-dichloro-12-trichloromethyl-12H-dibenzo[d,g][1,3,2]- dioxaphosphocin 6-Oxides. Synthetic Communications, 2003, 33, 819-825.	1.1	3
116	Facile synthesis, spectral characterization and antimicrobial activity of 6â€substitutedâ€2,4,8,10â€tetraâ€tâ€butyl dibenzo[d,g][1,3,6,2]dioxathiaphosphocin 6â€oxides. Journal of Heterocyclic Chemistry, 2004, 41, 413-417.	1.4	3
117	Synthesis of New Benzoxazaphosphinine/Benzoxazaphosphole/Diazaphosphaphenaleneâ€2â€sulfides using Lawesson's Reagent. Synthetic Communications, 2007, 38, 85-91.	1.1	3
118	Synthesis and antimicrobial activity of some new Nâ€(substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (phenyl)â€N< Journal of Heterocyclic Chemistry, 2007, 44, 369-373.	1.4	3
119	Synthesis and Bioactivity of Some New 2-(Alkoxy carbonyl alkyl)-6-bromo-3,4-dihydro-3-(Î±-methyl) Tj ETQq1 1 0.784314 rgBT /Overlo 810-814.	2.6	3
120	Synthesis and Bioassay of Alkyl-2-[(5,6-dimethyl-2-sulfido-1,3,4,7,2-dioxadiazaphosphepin-2-yl)amino] Alkyl/Aryl Esters. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2011, 41, 1193-1197.	0.6	3
121	An Efficient, Facile Synthesis of Etoricoxib Substantially Free from Impurities: Isolation, Characterization and Synthesis of Novel Impurity. ChemistrySelect, 2017, 2, 9722-9725.	0.7	3
122	Prospects to the formation and control of potential dimer impurity EÂof pantoprazole sodium sesquihydrate. Journal of Pharmaceutical Analysis, 2019, 9, 170-177.	2.4	3
123	Nano silver particles catalyzed synthesis, molecular docking and bioactivity of Î±-thiazolyl aminomethylene bisphosphonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2020, 195, 409-420.	0.8	3
124	Green Synthesis of 1-Aryl-2,3,4,9-Tetrahydro-1H-B-Carbolines using Fe(Iii)-Montmorillonite and Study of their Antimicrobial Activity. Pharmaceutical Chemistry Journal, 2020, 54, 365-371.	0.3	3
125	Design and synthesis of diethyl(substituted 2â€benzylbenzofuranâ€3â€yl)phosphonates as antioxidant and antimicrobial agents. Journal of Heterocyclic Chemistry, 2020, 57, 1414-1427.	1.4	3
126	Synthesis of New 4-Chloro-6-Methylpyrimidin-2-yl-Aminophosphonates as Potential DU145 and A549 Cancer Cell Inhibitors. Letters in Drug Design and Discovery, 2020, 17, 396-410.	0.4	3

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127	Synthesis and Antimicrobial Activity of New 2,10â€Dichloroâ€6â€phenylaminobenzylâ€dibenzo[d , g] [1,3 ,6,2]dioxathiaphosphocin 6â€Oxides. Journal of Heterocyclic Chemistry, 2008, 45, 103-107.	1.4	2
128	SYNTHESIS, CHARACTERIZATION AND BIO-ACTIVITY OF SOME NEW α-AMINOPHOSPHONATES. Bulletin of the Chemical Society of Ethiopia, 2009, 23, .	0.5	2
129	An Elegant Synthesis of a New Class of Journal of Heterocyclic Chemistry, 2015, 52, 1876-1882.	1.4	2
130	Calcium bromide catalysed synthesis and anticoagulant activity of bis(Î±-aminophosphonates). AIP Conference Proceedings, 2020, , .	0.3	2
131	Zinc Tetrafluoroborate Catalyzed Synthesis, Molecular Docking and Cytotoxicity of Pyrrolidinyl Aminophosphonates. Letters in Drug Design and Discovery, 2016, 14, 139-150.	0.4	2
132	Green synthesis and antimicrobial activity of substituted diethyl (((5-(ethylthio)-1,3,4-thiadiazol-2-yl)amino)(phenyl)methyl)phosphonates. Synthetic Communications, 2022, 52, 268-279.	1.1	2
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