Suresh Kumar Raju

List of Publications by Year
in descending order

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Version: 2024-02-01

210 papers	3,748 citations	126907 33 h-index	189892 50 g-index
231 all docs	231 docs citations	231 times ranked	2705 citing authors

#	Article	IF	Citations
1	Bio-inspired silver nanoparticles from Artocarpus lakoocha fruit extract and evaluation of their antibacterial activity and anticancer activity on human prostate cancer cell line. Applied Nanoscience (Switzerland), 2023, 13, 3041-3051.	3.1	10
2	Characterization, antimicrobial activity and anticancer activity of Pyrostegia venusta leaf extract-synthesized silver nanoparticles against COS-7 cell line. Applied Nanoscience (Switzerland), 2023, 13, 2303-2314.	3.1	10
3	Biomimetic synthesis of silver nanoparticles using Cucumis sativus var. hardwickii fruit extract and their characterizations, anticancer potential and apoptosis studies against Pa-1 (Human ovarian) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.1	10
4	Raman Spectroscopic and Electrochemical Measurements of Dynamic Shocked MnFe2O4 Nano-crystalline Materials. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 344-352.	3.7	9
5	Synthesis, structure and biological evaluation of highly functionalized 2-azetidinone integrated spirooxindolopyrrolidine heterocyclic hybrid. Journal of Molecular Structure, 2022, 1250, 131745.	3.6	2
6	Cardioprotective effects of phytopigments via multiple signaling pathways. Phytomedicine, 2022, 95, 153859.	5.3	8
7	Bioprospection and secondary metabolites profiling of marine Streptomyces levis strain KS46. Saudi Journal of Biological Sciences, 2022, 29, 667-679.	3.8	18
8	Synthesis and antimicrobial potential of spirooxindolopyrrolidine tethered oxindole heterocyclic hybrid against multidrug resistant microbial pathogens. Process Biochemistry, 2022, 114, 66-70.	3.7	2
9	Stereoselective synthesis, structural determination, computational studies and antimicrobial activity of novel class of spiropyrroloquinoxaline engrafted ferrocenoindole hybrid heterocycle. Journal of Molecular Structure, 2022, 1252, 132131.	3.6	2
10	High Shock Resistance of Polycrystalline Sodium Sulfate Crystals at Dynamic Shocked Conditions. Physica Status Solidi (B): Basic Research, 2022, 259, .	1.5	1
11	Dynamic Shock Wave-Induced Amorphous-to-Crystalline Switchable Phase Transition of Lithium Sulfate. Journal of Physical Chemistry C, 2022, 126, 3194-3201.	3.1	16
12	Switchable crystalâ€“amorphous states of NiSO₄Â·6H₂O induced by a Reddy tube. New Journal of Chemistry, 2022, 46, 5091-5099.	2.8	9
13	Reversible magnetic phase transitions of zirconium oxide nanoparticles induced by dynamic shock waves. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	1
14	Investigation on crystallinity and optical properties of l-tartaric acid single crystal at dynamic shocked conditions. Journal of Materials Science: Materials in Electronics, 2022, 33, 10841-10850.	2.2	5
15	Switchable Phase Transition from Crystalline to Amorphous States of Cadmium Sulfate Octahydrate Single Crystals by Shock Waves. Physica Status Solidi (B): Basic Research, 2022, 259, .	1.5	1
16	Eco-friendly synthesis and structural determination of pyrene fused pyrroloquinolinone hybrid. Journal of Molecular Structure, 2022, 1259, 132714.	3.6	2
17	Label-Free Electrochemical Detection of the Cancer Biomarker Platelet-Derived Growth Factor Receptor in Human Serum and Cancer Cells. ACS Biomaterials Science and Engineering, 2022, 8, 826-833.	5.2	5
18	Investigation of the Optical Properties of a Novel Class of Quinoline Derivatives and Their Random Laser Properties Using ZnO Nanoparticles. Molecules, 2022, 27, 145.	3.8	2

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19	Discovery of spirooxindole-pyrrolidine heterocyclic hybrids with potent antifungal activity against fungal pathogens. Pathogens and Disease, 2022, , .	2.0	0
20	Environmentally friendly domino multicomponent strategy for the synthesis of pyrroloquinolinone hybrid heterocycles. RSC Advances, 2022, 12, 15440-15446.	3.6	3
21	Investigation of the one-step electrochemical deposition of graphene oxide-doped poly(3,4-ethylenedioxythiophene)â€“polyphenol oxidase as a dopamine sensor. RSC Advances, 2022, 12, 15575-15583.	3.6	2
22	Synthesis, computational studies and antibacterial assessment of dispirooxindolopyrrolidine integrated indandione hybrids. Journal of Molecular Structure, 2022, 1267, 133577.	3.6	2
23	Microwave-Assisted Copper(II)-Catalyzed Cascade Cyclization of 2-Propargylamino/Oxy-Arylaldehydes andO-Phenylenediamines: Access to Densely Functionalized Benzo[f]Imidazo[1,2-d][1,4]Oxazepines and Benzo[f]Imidazo[1,2-d][1,4]Diazepines. Journal of Organic Chemistry, 2022, 87, 8956-8969.	3.2	12
24	Design, stereoselective synthesis, computational studies and cholinesterase inhibitory activity of novel spiropyrrolidinoquinoxaline tethered indole hybrid heterocycle. Journal of Molecular Structure, 2021, 1225, 129165.	3.6	6
25	Synthesis, X-ray structural determination and biological evaluation of novel ferrocene grafted spiroquinoxalinopyrrolidine. Journal of Molecular Structure, 2021, 1226, 129348.	3.6	2
26	Ionic liquid mediated synthesis and in vitro mechanistic exploration of polycyclic cageâ€like heterocyclic hybrid. Journal of Heterocyclic Chemistry, 2021, 58, 580-588.	2.6	5
27	Diastereoselective synthesis and anticancer potential of a small library of cage-like heterocyclic hybrids. Journal of King Saud University - Science, 2021, 33, 101238.	3.5	0
28	A stereo, regioselective synthesis and discovery of antimycobaterium tuberculosis activity of novel Î²-lactam grafted spirooxindolopyrrolidine hybrid heterocycles. Arabian Journal of Chemistry, 2021, 14, 102938.	4.9	13
29	Cholinesterase inhibitory activity of highly functionalized fluorinated spiropyrrolidine heterocyclic hybrids. Saudi Journal of Biological Sciences, 2021, 28, 754-761.	3.8	13
30	Imidazolium ylide mediated tandem Knoevenagelâ€“Michaelâ€“O-cyclization sequence for the synthesis of multi-substituted 4,5-dihydrofurans. Synthetic Communications, 2021, 51, 234-244.	2.1	4
31	Switchable phase transition between crystalline and amorphous states of CuSO₄Â·5H₂O by dynamic shock waves. CrystEngComm, 2021, 23, 7044-7048.	2.6	8
32	Biogenic synthesis, characterization and antimicrobial activity of Ixora brachypoda (DC) leaf extract mediated silver nanoparticles. Journal of King Saud University - Science, 2021, 33, 101296.	3.5	42
33	Stereo- and regioselective synthesis of novel Î²-lactam tethered spiropyrrolizidine/pyrrolothiazole heterocyclic hybrids. Tetrahedron, 2021, 84, 132026.	1.9	3
34	Assessment of crystallographic and magnetic phase stabilities of cubic copper ferrite at shocked conditions. Journal of Materials Science: Materials in Electronics, 2021, 32, 12732-12742.	2.2	1
35	Assessment of Structural Stability of Dye-Doped Potassium Dihydrogen Phosphate Under Shocked Conditions. Journal of Electronic Materials, 2021, 50, 4215-4221.	2.2	3
36	Stereoselective synthesis and discovery of novel spirooxindolopyrrolidine engrafted indandione heterocyclic hybrids as antimycobacterial agents. Bioorganic Chemistry, 2021, 110, 104798.	4.1	20

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37	Assessment of shock wave resistance on brookite TiO2. Journal of Materials Science: Materials in Electronics, 2021, 32, 15134-15142.	2.2	4
38	Assessment of shock resistance of barium ferrite at dynamic shocked conditions. Journal of Materials Science: Materials in Electronics, 2021, 32, 22429-22439.	2.2	2
39	Dynamic Shock Wave-Induced Switchable Phase Transition of Magnesium Sulfate Heptahydrate. Crystal Growth and Design, 2021, 21, 5050-5057.	3.0	11
40	Stereoselective synthesis, structure and DFT studies on fluoro- and nitro- substituted spirooxindole-pyrrolidine heterocyclic hybrids. Journal of Molecular Structure, 2021, 1237, 130396.	3.6	8
41	The switchable phase transition of sodium sulfate crystals activated by shock waves. New Journal of Chemistry, 2021, 45, 16529-16536.	2.8	19
42	Spectroscopic Assessment of Shock Wave Resistance on ZnO Nanorods for Aerospace Applications. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 2553-2559.	3.7	8
43	Phase Transformation of Amorphous to Crystalline of Multiwall Carbon Nanotubes by Shock Waves. Crystal Growth and Design, 2021, 21, 1617-1624.	3.0	33
44	Synthesis of Fused Quinoline Derivatives from Easily Accessible N â€(2â€aminobenzylidene)â€4â€methylanilines under Catalystâ€Free Conditions in Water. ChemistrySelect, 2021, 6, 10436-10439.	1.5	1
45	Purification of Colon Carcinoma Cells from Primary Colon Tumor Using a Filtration Method via Porous Polymeric Filters. Polymers, 2021, 13, 3411.	4.5	0
46	Antimicrobial activities of novel class of dispirooxindolopyrrolidine grafted indanedione hybrid heterocycles against carbapenemase producing Klebsiella pneumoniae (CKP). Journal of Infection and Public Health, 2021, 14, 1870-1874.	4.1	6
47	Pyrano[2,3-f]pyrazolo[3,4-b]quinoline-3-carbonitriles: A three-component synthesis and AChE inhibitory studies. Synthetic Communications, 2021, 51, 1058-1065.	2.1	3
48	Shock Wave Induced Crystallographic Structural Phase Transitions (Tri-states) of <scp>l</scp>-Threonine Crystal. Journal of Physical Chemistry C, 2021, 125, 25217-25226.	3.1	8
49	Antimicrobial activities of spirooxindolopyrrolidine tethered dicarbonitrile heterocycles against multidrug resistant nosocomial pathogens. Journal of Infection and Public Health, 2021, 14, 1810-1814.	4.1	6
50	Graphene oxideâ€“rhodamine nanocomposite for picomolar detection of chromium(III) by fluorimetry and its biofilm inhibition. Mikrochimica Acta, 2021, 188, 414.	5.0	2
51	Multicomponent Domino Synthesis of Highly Functionalized Aryl and Heteroaryl Fused Pyrroloquinolinone Ring Systems via Environmentally Benign Solidâ€state Melt Reaction. ChemistrySelect, 2021, 6, 12001-12006.	1.5	0
52	Sustainability of the crystallographic phase stability of the barium carbonate nanoparticles at dynamic shocked conditions. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	2
53	Shock wave induced phase transition from crystalline to the amorphous state of lead nitrate crystals. CrystEngComm, 2021, 24, 52-56.	2.6	7
54	Design, synthesis and cholinesterase inhibitory activity of novel spiropyrrolidine tethered imidazole heterocyclic hybrids. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126789.	2.2	23

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55	Synthesis, anticancer and molecular docking studies of new class of benzoisoxazolyl-piperidinyl-1, 2, 3-triazoles. Journal of King Saud University - Science, 2020, 32, 3286-3292.	3.5	1
56	A simple, rapid, expedient and sustainable green strategy for the synthesis of benz-/naphthimidazoles. Journal of King Saud University - Science, 2020, 32, 3153-3158.	3.5	3
57	Functionalized N-Pyridinylmethyl Engrafted Bisarylmethylidenepyridinones as Anticancer Agents. Processes, 2020, 8, 1154.	2.8	5
58	Regio- and stereoselective synthesis of novel Î²-lactam engrafted spiroheterocyclic hybrids via one-pot three component cycloaddition strategy. Tetrahedron Letters, 2020, 61, 152661.	1.4	6
59	In Vitro Molecular Biology Studies of Spirooxindole Heterocyclic Hybrids. Processes, 2020, 8, 1473.	2.8	2
60	Highly functionalized N-1-(2-pyridinylmethyl)-3,5-bis[(E)-arylmethylidene]tetrahydro-4(1H)-pyridinones: Synthesis, characterization, crystal structure and DFT studies. Journal of Molecular Structure, 2020, 1222, 128940.	3.6	11
61	An efficient, sustainable approach to the chemo and regioselective synthesis of novel spiroindenoquinoxaline grafted piperidone hybrid heterocycles. Journal of King Saud University - Science, 2020, 32, 3059-3064.	3.5	3
62	A One-Pot Three-Component Synthesis and Investigation of the In Vitro Mechanistic Anticancer Activity of Highly Functionalized Spirooxindole-Pyrrolidine Heterocyclic Hybrids. Molecules, 2020, 25, 5581.	3.8	6
63	Caspase dependent apoptotic activity of polycyclic cage-like heterocyclic hybrids. Saudi Journal of Biological Sciences, 2020, 27, 3290-3300.	3.8	4
64	Broad spectrum antimicrobial activity of dispirooxindolopyrrolidine fused acenaphthenone heterocyclic hybrid against healthcare associated microbial pathogens (HAMPs). Journal of Infection and Public Health, 2020, 13, 2001-2008.	4.1	11
65	[Bmim]Br Accelerated One-Pot Three-Component Cascade Protocol for the Construction of Spirooxindoleâ€“Pyrrolidine Heterocyclic Hybrids. Molecules, 2020, 25, 4779.	3.8	5
66	In vitro Mechanistic Exploration of Novel Spiropyrrolidine Heterocyclic Hybrids as Anticancer Agents. Frontiers in Chemistry, 2020, 8, 465.	3.6	8
67	In vitro mechanistic investigation of polycyclic cage-like heterocyclic hybrid possessing diverse pharmacophoric units. Journal of King Saud University - Science, 2020, 32, 2406-2413.	3.5	3
68	Substitution induced switch between Pictet-Spengler and Eschweiler-Clarke reactions: Selective synthesis of spiro acenaphthylene pyrrolo[1,2-b]-isoquinoline/pyrrolidine hybrids. Tetrahedron Letters, 2020, 61, 151606.	1.4	5
69	Anti-tubercular activity of novel class of spiropyrrolidine tethered indenoquinoxaline heterocyclic hybrids. Bioorganic Chemistry, 2020, 99, 103799.	4.1	24
70	Dispiropyrrolidine tethered piperidone heterocyclic hybrids with broad-spectrum antifungal activity against Candida albicans and Cryptococcus neoformans. Bioorganic Chemistry, 2020, 100, 103865.	4.1	13
71	A facile ionic liquid-accelerated, four-component cascade reaction protocol for the regioselective synthesis of biologically interesting ferrocene engrafted spiropyrrolidine hybrid heterocycles. Journal of King Saud University - Science, 2020, 32, 2500-2504.	3.5	8
72	Regio- and diastereoselective synthesis of spiropyrroloquinoxaline grafted indole heterocyclic hybrids and evaluation of their anti-Mycobacterium tuberculosis activity. RSC Advances, 2020, 10, 23522-23531.	3.6	21

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73	Discovery of novel cage-like heterocyclic hybrids as anti-inflammatory agents through the inhibition of nitrite, PGE2 and TNF-Î±. Bioorganic Chemistry, 2019, 91, 103180.	4.1	3
74	Broad-spectrum antifungal activity of spirooxindolo-pyrrolidine tethered indole/imidazole hybrid heterocycles against fungal pathogens. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2059-2063.	2.2	29
75	Design, Synthesis and In Vitro Mechanistic Investigation of Novel Hexacyclic Cage-Like Hybrid Heterocycles. Molecules, 2019, 24, 3820.	3.8	7
76	A New Class of Î²â€“Pyrrolidino-1,2,3-Triazole Derivatives as Î²-Adrenergic Receptor Inhibitors: Synthesis, Pharmacological, and Docking Studies. Molecules, 2019, 24, 3501.	3.8	0
77	Domino Multicomponent Approach for the Synthesis of Functionalized Spiro-Indeno[1,2-b]quinoxaline Heterocyclic Hybrids and Their Antimicrobial Activity, Synergistic Effect and Molecular Docking Simulation. Molecules, 2019, 24, 1962.	3.8	16
78	Design and synthesis of A- and D ring-modified analogues of luotonin A with reduced planarity. Tetrahedron Letters, 2019, 60, 1514-1517.	1.4	8
79	Spirooxindole-pyrrolidine heterocyclic hybrids promotes apoptosis through activation of caspase-3. Bioorganic and Medicinal Chemistry, 2019, 27, 2487-2498.	3.0	26
80	Glucosamine-6-phosphate synthase inhibiting C3-Î²-cholesterol tethered spiro heterocyclic conjugates: Synthesis and their insight of DFT and docking study. Bioorganic Chemistry, 2019, 88, 102920.	4.1	4
81	Dispiropyrrolidinyl-piperidone embedded indeno[1,2-b]quinoxaline heterocyclic hybrids: Synthesis, cholinesterase inhibitory activity and their molecular docking simulation. Bioorganic and Medicinal Chemistry, 2019, 27, 2621-2628.	3.0	38
82	D-Ring-Modified Analogues of Luotonin A with Reduced Planarity: Design, Synthesis, and Evaluation of Their Topoisomerase Inhibition-Associated Cytotoxicity. BioMed Research International, 2019, 2019, 1-12.	1.9	5
83	Discovery of diazahexa/hepta cyclic cage-like compounds with broad-spectrum antifungal activity against Candida and Cryptococcus species. RSC Advances, 2019, 9, 29909-29916.	3.6	2
84	Design of New Amino Tf-Amide Organocatalysts: Environmentally Benign Approach to Asymmetric Aldol Synthesis. Synlett, 2019, 30, 401-404.	1.8	12
85	Multicomponent domino protocol for the stereoselective synthesis of novel pyrrolo[3,2-c]quinolinone hybrid heterocycles. Tetrahedron Letters, 2019, 60, 602-605.	1.4	12
86	Benzimidazole tethered pyrrolo[3,4-b]quinoline with broad-spectrum activity against fungal pathogens. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 729-733.	2.2	22
87	Regio- and diastereoselective synthesis of anticancer spirooxindoles derived from tryptophan and histidine via three-component 1,3-dipolar cycloadditions in an ionic liquid. Tetrahedron, 2018, 74, 5358-5366.	1.9	44
88	Ionic liquid-enabled synthesis, cholinesterase inhibitory activity, and molecular docking study of highly functionalized tetrasubstituted pyrrolidines. Bioorganic Chemistry, 2018, 77, 263-268.	4.1	29
89	Functionalized spirooxindole-indolizine hybrids: Stereoselective green synthesis and evaluation of anti-inflammatory effect involving TNF-Î± and nitrite inhibition. European Journal of Medicinal Chemistry, 2018, 152, 417-423.	5.5	38
90	ACI/EG eutectic mixture mediated synthesis, characterization andin vitroosteoblast differentiation assessment of spiropyrrolo[1,2-b]isoquinoline analogues. RSC Advances, 2018, 8, 16303-16313.	3.6	9

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91	Spiropyrrolidine/spiroindolizino[6,7-b]indole heterocyclic hybrids: Stereoselective synthesis, cholinesterase inhibitory activity and their molecular docking study. Bioorganic Chemistry, 2018, 79, 64-71.	4.1	37
92	Stereoselective green synthesis and molecular structures of highly functionalized spirooxindole-pyrrolidine hybrids â€“ A combined experimental and theoretical investigation. Journal of Molecular Structure, 2018, 1152, 266-275.	3.6	13
93	Highly functionalized pyrrolidine analogues: stereoselective synthesis and caspase-dependent apoptotic activity. RSC Advances, 2018, 8, 41226-41236.	3.6	18
94	Synthesis of indoleâ€“cycloalkyl[b]pyridine hybrids via a four-component six-step tandem process. Beilstein Journal of Organic Chemistry, 2018, 14, 2907-2915.	2.2	11
95	Synthesis of spiro-linked quinolinone-pyrrolidine/pyrrolo[1,2-c]thiazole-oxindole/acenaphthalene hybrids via multi-component [3â€¯+â€¯2] cycloaddition. Tetrahedron Letters, 2018, 59, 4086-4089.	1.4	10
96	Unsupported nanoporous palladium-catalyzed chemoselective hydrogenation of quinolines: Heterolytic cleavage of H2 molecule. Chinese Journal of Catalysis, 2018, 39, 1746-1752.	14.0	11
97	Regio and stereoselective synthesis of anticancer spirooxindolopyrrolidine embedded piperidone heterocyclic hybrids derived from one-pot cascade protocol. Chemistry Central Journal, 2018, 12, 95.	2.6	15
98	Practical synthesis of four different pseudoenantiomeric organocatalysts with both cis- and trans-substituted 1,2-cis-cyclohexanediamine structures from a common intermediate. Tetrahedron, 2018, 74, 5263-5269.	1.9	2
99	Enantioselective Alkylation of Nâ€Arylhydrazones Derived from Î±â€Keto Esters and Isatin Derivatives through Asymmetric Phaseâ€Transfer Catalysis. Chemistry - an Asian Journal, 2018, 13, 1780-1783.	3.3	8
100	Dipolar cycloaddition based multi-component reaction: Synthesis of spiro tethered acenaphthyleneâ€“indolizineâ€“pyridinone hybrids. Tetrahedron Letters, 2018, 59, 3336-3340.	1.4	8
101	A one-pot access to pyridine/benzo fused cyclododecanes via multi-component tandem reactions. Tetrahedron, 2018, 74, 4569-4577.	1.9	9
102	Multicomponent Domino Synthesis, Anticancer Activity and Molecular Modeling Simulation of Complex Dispirooxindolopyrrolidines. Molecules, 2018, 23, 1094.	3.8	12
103	Highly functionalized 2-amino-4H-pyrans as potent cholinesterase inhibitors. Bioorganic Chemistry, 2018, 81, 134-143.	4.1	24
104	Carboxylative Suzuki coupling reactions of benzyl chlorides with allyl pinacolborate catalyzed by palladium nanoparticles. Chinese Journal of Catalysis, 2018, 39, 1258-1262.	14.0	5
105	Stereoselective Synthesis of Vinyl Iodides through Copper(I)-Catalyzed Finkelstein-Type Halide-Exchange Reaction. Synthesis, 2017, 49, 2727-2732.	2.3	12
106	Practical Synthesis of both Enantiomeric Amino Acid, Mannich, and Aldol Derivatives by Asymmetric Organocatalysis. Chemical Record, 2017, 17, 1059-1069.	5.8	11
107	Copper(II)â€Catalyzed and Chelationâ€Induced Remote Câ€H Halogenation of Quinolines under Neutral Conditions. ChemistrySelect, 2017, 2, 3414-3418.	1.5	13
108	Practical Synthesis of Two Different Pseudoenantiomeric Organocatalysts with cisâ€Cyclohexanediamine Structure from a Common Chiral Source. Asian Journal of Organic Chemistry, 2017, 6, 1226-1230.	2.7	1

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109	Unsupported Nanoporous Goldâ€Catalyzed Chemoselective Reduction of Î±,Î²â€Unsaturated Aldehydes Using Formic Acid as Hydrogen Source. Asian Journal of Organic Chemistry, 2017, 6, 867-872.	2.7	12
110	A One-Pot Multicomponent 1,3-Dipolar Cycloaddition Strategy: Combinatorial Synthesis of Dihydrothiophenone-Engrafted Dispiro Hybrid Heterocycles. ACS Combinatorial Science, 2017, 19, 308-314.	3.8	27
111	Synthesis and cholinesterase inhibitory activity study of new piperidone grafted spiropyrrolidines. Bioorganic Chemistry, 2017, 75, 210-216.	4.1	21
112	Synthesis of penta- and tetra-cyclic cage-like compounds and dispiro heterocycles through microwave-assisted solvent-free multi-component domino reactions. New Journal of Chemistry, 2017, 41, 11009-11015.	2.8	8
113	Synthesis, theoretical studies and molecular docking of a novel chlorinated tetracyclic: (Z/E)-3-(1,8-dichloro-9,10-dihydro-9,10-ethanoanthracen-11-yl)acrylaldehyde. Journal of Molecular Structure, 2017, 1150, 358-365.	3.6	7
114	Design, synthesis and antiproliferative activity of decarbonyl luotonin analogues. European Journal of Medicinal Chemistry, 2017, 138, 932-941.	5.5	36
115	Hypervalent iodine(III) catalyzed radical hydroacylation of chiral alkylidenemalonates with aliphatic aldehydes under photolysis. Tetrahedron, 2017, 73, 5841-5846.	1.9	11
116	A Sustainable Approach to the Stereoselective Synthesis of Diazaheptacyclic Cage Systems Based on a Multicomponent Strategy in an Ionic Liquid. Molecules, 2016, 21, 165.	3.8	2
117	Synthesis, Spectroscopic, X-ray Diffraction and DFT Studies of Novel Benzimidazole Fused-1,4-Oxazepines. Molecules, 2016, 21, 724.	3.8	11
118	Multicomponent Dipolar Cycloaddition Strategy: Combinatorial Synthesis of Novel Spiro-Tethered Pyrazolo[3,4-b]quinoline Hybrid Heterocycles. ACS Combinatorial Science, 2016, 18, 262-270.	3.8	41
119	Highly functionalized dispiro oxindole-pyrrolo[1,2-c]thiazole-piperidone hybrid: Synthesis, characterization and theoretical investigations on the regiochemistry. Journal of Molecular Structure, 2016, 1121, 93-103.	3.6	6
120	Synthesis of highly functionalized 2-thiaspiro[4.5]deca-6,8-dienes via atom efficient tandem Michael addition/Thorpeâ€“Ziegler cyclization. RSC Advances, 2016, 6, 40585-40592.	3.6	10
121	Rhodiumâ€Catalyzed Oxidative Benzannulation of Nâ€Pivaloylanilines with Internal Alkynes through Dual Câ^'H Bond Activation: Synthesis of Highly Substituted Naphthalenes. Chemistry - an Asian Journal, 2016, 11, 3241-3250.	3.3	10
122	Rhodium-Catalyzed Oxidative Benzannulation of N-Adamantyl-1-naphthylamines with Internal Alkynes via Dual Câ€“H Bond Activation: Synthesis of Substituted Anthracenes. Organic Letters, 2016, 18, 4246-4249.	4.6	43
123	1â€Naphthol Synthesis through Baseâ€Promoted S_NAr Reactions of orthoâ€Haloacetophenones Followed by Lewisâ€Acidâ€Catalyzed Cyclization. Asian Journal of Organic Chemistry, 2016, 5, 699-704.	2.7	8
124	Selective synthesis of Î´-lactone via palladium nanoparticles-catalyzed telomerization of CO2 with 1,3-butadiene. Tetrahedron Letters, 2016, 57, 3163-3166.	1.4	23
125	Synthesis of cycloalkano[b]pyridines by multicomponent strategy: ring-size mediated product selectivity, substitution-induced axial chirality and influence of the 14N quadrupole-relaxation. Tetrahedron, 2016, 72, 4582-4592.	1.9	9
126	Palladium-catalyzed propargylative and allenylative dearomatization of 2-(chloromethyl)thiophenes: remarkable effect of solvents. Tetrahedron, 2016, 72, 170-175.	1.9	4

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127	Ï€-Conjugated carbocycles and heterocycles via annulation through C-H and X-Y activation across CC triple bonds. Arkivoc, 2016, 2016, 9-41.	0.5	2
128	A Novel One-Pot Green Synthesis of Dispirooxindolo-pyrrolidines via 1,3-Dipolar Cycloaddition Reactions of Azomethine Ylides. Molecules, 2015, 20, 780-791.	3.8	31
129	A Facile Ionic Liquid Promoted Synthesis, Cholinesterase Inhibitory Activity and Molecular Modeling Study of Novel Highly Functionalized Spiropyrrolidines. Molecules, 2015, 20, 2296-2309.	3.8	37
130	An Expedient Regio- and Diastereoselective Synthesis of Hybrid Frameworks with Embedded Spiro[9,10]dihydroanthracene [9,3â€²]-pyrrolidine and Spiro[oxindole-3,2â€²-pyrrolidine] Motifs via an Ionic Liquid-Mediated Multicomponent Reaction. Molecules, 2015, 20, 16142-16153.	3.8	18
131	An Expedient Synthesis, Acetylcholinesterase Inhibitory Activity, and Molecular Modeling Study of Highly Functionalized Hexahydro-1,6-naphthyridines. BioMed Research International, 2015, 2015, 1-9.	1.9	14
132	Regioselective synthesis of novel dispiro oxindoleâ€“pyrrolizineâ€“thiazolidine-2,4-dione hybrids. Tetrahedron Letters, 2015, 56, 4374-4376.	1.4	16
133	Applications of Metal Nanopore Catalysts in Organic Synthesis. Synlett, 2015, 26, 2355-2380.	1.8	21
134	Dipolar Cycloaddition-Based Multicomponent Reactions in Ionic Liquids: A Green, Fully Stereoselective Synthesis of Novel Polycyclic Cage Systems with the Generation of Two New Azaheterocyclic Rings. Synthesis, 2015, 47, 2721-2730.	2.3	18
135	Straightforward synthesis of pyrrolo[3,4-b]quinolines through intramolecular Povarov reactions. Tetrahedron Letters, 2015, 56, 6900-6903.	1.4	20
136	Carboxylative coupling reaction of five-membered (chloromethyl)heteroarenes with allyltributylstannane catalyzed by palladium nanoparticles. Tetrahedron Letters, 2015, 56, 6747-6750.	1.4	16
137	Domino four-component synthesis of novel cycloocta[b]pyridines. Tetrahedron Letters, 2015, 56, 179-181.	1.4	12
138	Ionic Liquid-Promoted Synthesis and Cholinesterase Inhibitory Activity of Highly Functionalized Spiropyrrolidines. Australian Journal of Chemistry, 2015, 68, 863.	0.9	22
139	Crystal structure of 8-(2-methylphenyl)-11-[(E)-(2-methylphenyl)-methylidene]-14-hydroxy-3,13-diazaheptacyclo-[13.7.1.9,13.02,9.02,14.03,7.019,23]tetracosa-1(22),15,17,19(23),20-pentaen-10- one methanol monosolvate, C37H34N2O2-CH3OH, C38H38N2O3. Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, 175-177.	0.3	2
140	Facile, Regio- and Diastereoselective Synthesis of Spiro-Pyrrolidine and Pyrrolizine Derivatives and Evaluation of Their Antiproliferative Activities. Molecules, 2014, 19, 10033-10055.	3.8	35
141	An expedient pseudo four-component synthesis of dispiroindandione fused indeno-N-methylmorpholine, spectroscopic, X-ray diffraction and DFT studies. Journal of Molecular Structure, 2014, 1063, 283-288.	3.6	4
142	Cholinesterase inhibitory activity versus aromatic core multiplicity: A facile green synthesis and molecular docking study of novel piperidone embedded thiazolopyrimidines. Bioorganic and Medicinal Chemistry, 2014, 22, 906-916.	3.0	19
143	Ionic liquid mediated synthesis of mono- and bis-spirooxindole-hexahydropyrrolidines as cholinesterase inhibitors and their molecular docking studies. Bioorganic and Medicinal Chemistry, 2014, 22, 1318-1328.	3.0	43
144	Ultrasound-Assisted Sequential Multicomponent Strategy for the Combinatorial Synthesis of Novel Coumarin Hybrids. ACS Combinatorial Science, 2014, 16, 566-572.	3.8	30

#	Article	IF	Citations
145	Microwave-assisted chemoselective synthesis of novel pyrazolo[3,4-b]thieno[3,4-e]pyridines: substitution induced axial chirality. Tetrahedron Letters, 2014, 55, 5805-5807.	1.4	13
146	Synthesis and discovery of highly functionalized mono- and bis-spiro-pyrrolidines as potent cholinesterase enzyme inhibitors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1815-1819.	2.2	50
147	An Expedient Synthesis and Screening for Antiacetylcholinesterase Activity of Piperidine Embedded Novel Pentacyclic Cage Compounds. Medicinal Chemistry, 2014, 10, 228-236.	1.5	13
148	An Efficient Ionic Liquid Mediated Synthesis, Cholinesterase Inhibitory Activity and Molecular Modeling Study of Novel Piperidone Embedded α ,β-Unsaturated Ketones. Medicinal Chemistry, 2014, 10, 512-520.	1.5	3
149	An expedient, ionic liquid mediated multi-component synthesis of novel piperidone grafted cholinesterase enzymes inhibitors and their molecular modeling study. European Journal of Medicinal Chemistry, 2013, 67, 221-229.	5.5	43
150	â€˜On-waterâ€™ one-pot pseudo four-component domino protocol for the synthesis of novel benzo[a]cyclooctenes. Tetrahedron Letters, 2013, 54, 4800-4802.	1.4	13
151	Microwave assisted synthesis, cholinesterase enzymes inhibitory activities and molecular docking studies of new pyridopyrimidine derivatives. Bioorganic and Medicinal Chemistry, 2013, 21, 3022-3031.	3.0	31
152	Three-Component Synthesis and 1,3-Dipolar Cycloaddition of Highly Functionalized Pyrans with Nitrile Oxides: Easy Access to 1,2,4-Oxadiazoles. Synthetic Communications, 2013, 43, 2763-2772.	2.1	14
153	An atom economic synthesis and AChE inhibitory activity of novel dispiro 7-aryltetrahydro-1H-pyrrolo[1,2-c][1,3]thiazole and 4-aryloctahydroindolizine N-methylpiperidin-4-one hybrid heterocycles. European Journal of Medicinal Chemistry, 2013, 65, 240-248.	5.5	30
154	A facile chemo-, regio- and stereoselective synthesis and cholinesterase inhibitory activity of spirooxindoleâ€“pyrrolizineâ€“piperidine hybrids. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2979-2983.	2.2	66
155	Synthesis and discovery of novel piperidone-grafted mono- and bis-spirooxindole-hexahydropyrrolizines as potent cholinesterase inhibitors. Bioorganic and Medicinal Chemistry, 2013, 21, 1696-1707.	3.0	87
156	Synthesis of novel 16-spiro steroids: Spiro-7â€²-(aryl)tetrahydro-1H-pyrrolo[1,2-c][1,3]thiazolo-trans-androsterone hybrid heterocycles. Steroids, 2013, 78, 409-417.	1.8	22
157	A 1,3-dipolar cycloadditionâ€“annulation protocol for the expedient regio-, stereo- and product-selective construction of novel hybrid heterocycles comprising seven rings and seven contiguous stereocentres. Tetrahedron Letters, 2013, 54, 2515-2519.	1.4	29
158	A facile three-component [3+2]-cycloaddition for the regioselective synthesis of highly functionalised dispiropyrrolidines acting as antimycobacterial agents. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 1383-1386.	2.2	43
159	Antituberculosis: Synthesis and Antimycobacterial Activity of Novel Benzimidazole Derivatives. BioMed Research International, 2013, 2013, 1-6.	1.9	16
160	(3E,5E)-1-Allyl-3,5-bis(4-methoxybenzylidene)piperidin-4-one. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1071-o1071.	0.2	3
161	9-(2-Chlorobenzylidene)anthracen-10(9H)-one. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o627-o627.	0.2	0
162	Multicomponent 1,3-Dipolar Cycloaddition Reactions in the Construction of Hybrid Spiroheterocycles. Current Organic Chemistry, 2013, 17, 1929-1956.	1.6	22

#	Article	IF	Citations
163	Antimycobacterial Activity: Synthesis and Biological Evaluation of Novel Substituted (3E,5E)-3,5-diarylidene-1-phenethylpiperidine-4-one Derivatives. Letters in Drug Design and Discovery, 2013, 10, 471-476.	0.7	3
164	Synthesis of Novel and Highly Functionalized 4-hydroxycoumarin Chalcone and their Pyrazoline Derivatives as Anti-Tuberculosis Agents. Letters in Drug Design and Discovery, 2013, 11, 222-230.	0.7	4
165	5-Chlorospiro[indoline-3,7â€²-6H,7H,8H-pyrano[3,2-c:5,6-câ€²]di[1]benzopyran]-2,6â€²,8â€²-trione. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1172-o1172.	0.2	0
166	5-Methylspiro[indoline-3,7â€²-[6H,7H,8H]pyrano[3,2-c:5,6-câ€²]di[1]benzopyran]-2,6â€²,8â€²-trione chloroform hemisolvate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1194-o1194.	0.2	0
167	11-[(E)-Benzylidene]-14-hydroxy-8-phenyl-6-thia-3,13-diazaheptacyclo[13.7.1.1^{9,13}.0^{2,9}.0<sup>2,1 Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2013-o2014.	0.2	0
168	2-Hydroxy-5-[(E)-2-methylbenzylidene]-8-(2-methylphenyl)-9-phenyl-3,10-diazahexacyclo[10.7.1.13,7.02,11.07,11.016,20]henicosa-1(20 Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3375-o3375.	0.2	0
169	5-Fluoro-6â€²H,7â€²H,8â€²H-spiro[indoline-3,7â€²-pyrano[3,2-c:5,6-câ€²]di-1-benzopyran]-2,6â€²,8â€²-trione. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o744-o744.	0.2	1
170	11-[(E)-2-Fluorobenzylidene]-8-(2-fluorophenyl)-14-hydroxy-6-thia-3,13-diazaheptacyclo[13.7.1.19,13.02,9.02,14.03,7.019,23]tetracosa Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2094-o2095.	0.2	1
171	Antimycobacterial activity: A facile three-component [3+2]-cycloaddition for the regioselective synthesis of highly functionalised dispiropyrrolidines. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4930-4933.	2.2	40
172	A solvent free, four-component synthesis and 1,3-dipolar cycloaddition ofÂ4(H)-pyrans with nitrile oxides: Synthesis and discovery of antimycobacterial activity of enantiomerically pure 1,2,4-oxadiazoles. European Journal of Medicinal Chemistry, 2012, 53, 416-423.	5.5	31
173	AChE inhibitor : A regio- and stereo-selective 1,3-dipolar cycloaddition for the synthesis of novel substituted 5,6-dimethoxy spiro[5.3â€²]-oxindole-spiro-[6.3â€³]-2,3-dihydro-1H-inden-1â€³-one-7-(substituted) Tj ETQq1 1 0.784314 rg 508-511.	2.2	51
174	Antimycobacterial Agents: Synthesis and Biological Evaluation of Novel 4-(Substituted-phenyl)-6-methyl-2-oxo-N-(pyridin-2-yl)-1,2,3,4-tetrahydropyrimidine- 5-carboxamide Derivatives by Using One-pot Multicomponent Method. Letters in Drug Design and Discovery, 2012, 9, 953-957.	0.7	0
175	Antimycobacterial activity of novel 1,2,4-oxadiazole-pyranopyridine/chromene hybrids generated by chemoselective 1,3-dipolar cycloadditions of nitrile oxides. Bioorganic and Medicinal Chemistry, 2011, 19, 3444-3450.	3.0	51
176	A green expedient synthesis of pyridopyrimidine-2-thiones and their antitubercular activity. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3012-3016.	2.2	50
177	Synthesis and discovery of novel hexacyclic cage compounds as inhibitors of acetylcholinesterase. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3997-4000.	2.2	21
178	A facile three-component [3+2]-cycloaddition/annulation domino protocol for the regio- and diastereoselective synthesis of novel penta- and hexacyclic cage systems, involving the generation of two heterocyclic rings and five contiguous stereocenters. Tetrahedron, 2011, 67, 3132-3139.	1.9	25
179	5-[(E)-Benzylidene]-2-hydroxy-8,9-diphenyl-3,10-diazahexacyclo[10.7.1.13,7.02,11.07,11.016,20]henicosa-1(19),12(20),13,15,17-pen Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2877-o2878.	0.2	0
180	5-[(E)-2-Fluorobenzylidene]-8-(2-fluorophenyl)-2-hydroxy-10-methyl-3,10-diazahexacyclo[10.7.1.13,7.02,11.07,11.016,20]henicosa-1(20 Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o211-o212.	0.2	2

#	Article	IF	Citations
181	5-[(E)-4-Fluorobenzylidene]-8-(4-fluorophenyl)-2-hydroxy-9-phenyl-3,10-diazahexacyclo[10.7.1.13,7.02,11.07,11.016,20]henicosa-1(2 Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2879-o2880.	0.2	0
182	16-[(E)-4-Bromobenzylidene]-13-(4-bromophenyl)-2-hydroxy-11-methyl-1,11-diazapentacyclo[12.3.1.02,10.03,8.010,14]octadeca-3(8),4 Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o137-o138.	0.2	1
183	14-Hydroxy-11-[(E)-4-methoxybenzylidene]-8-(4-methoxyphenyl)-5-thia-3,13-diazaheptacyclo[13.7.1.19,13.02,9.02,14.03,7.019,23]te Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2881-o2882.	0.2	1
184	A Facile Synthesis and Discovery of Highly Functionalized Tetrahydro-pyridines and Pyridines as Antimycobacterial Agents. Chemical and Pharmaceutical Bulletin, 2010, 58, 602-610.	1.3	10
185	1,3-Dipolar cycloaddition of C-aryl-N-phenylnitrones to (R)-1-(1-phenylethyl)-3-[(E)-arylmethylidene]tetrahydro-4(1H)-pyridinones: Synthesis and antimycobacterial evaluation of enantiomerically pure spiroisoxazolidines. European Journal of Medicinal Chemistry, 2010, 45, 124-133.	5.5	37
186	1,3-Dipolar cycloaddition of nitrile oxides to (R)-1-(1-phenylethyl)-3,5-bis[(E)-arylmethylidene]tetrahydro-4(1H)-pyridinones: synthesis and antimycobacterial evaluation of novel enantiomerically pure di- and trispiroheterocycles. Tetrahedron: Asymmetry, 2010, 21, 1315-1327.	1.8	24
187	Substituted spiro [2.3â€²] oxindolespiro [3.2â€³]-5,6-dimethoxy-indane-1â€³-one-pyrrolidine analogue as inhibitors of acetylcholinesterase. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 7064-7066.	2.2	129
188	Novel three-component domino reactions of ketones, isatin and amino acids: Synthesis and discovery of antimycobacterial activity of highly functionalised novel dispiropyrrolidines. European Journal of Medicinal Chemistry, 2010, 45, 411-422.	5.5	129
189	19-[(E)-4-Chlorobenzylidene]-16-(4-chlorophenyl)-2-hydroxy-1,11-diazahexacyclo[15.3.1.02,10.03,8.010,17.011,15]henicosa-3(8),4,6 Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1444-o1445.	0.2	5
190	16-[(E)-Benzylidene]-13-hydroxy-4-methyl-2-phenyl-4,14-diazapentacyclo-[12.3.1.01,5.05,13.07,12]octadeca-7(12),8,10-triene-6,17-dion Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1540-o1541.	0.2	9
191	16-[(E)-Benzylidene]-2-hydroxy-12,13-diphenyl-1,11-diazapentacyclo[12.3.1.02,10.03,8.010,14]octadeca-3(8),4,6-triene-9,15-dione. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2084-o2085.	0.2	1
192	2-Hydroxy-16-[(E)-4-methylbenzylidene]-13-(4-methylphenyl)-12-phenyl-1,11-diazapentacyclo[12.3.1.02,10.03,8.010,14]octadeca-3(8), Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2086-o2087.	0.2	0
193	2-Hydroxy-11-methyl-16-[(E)-4-methylbenzylidene]-13-(4-methylphenyl)-1,11-diazapentacyclo[12.3.1.02,10.03,8.010,14]octadeca-3(Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2370-o2371.	0.2	1
194	5-[(E)-2-Bromobenzylidene]-8-(2-bromophenyl)-2-hydroxy-10-methyl-3,10-diazahexacyclo[10.7.1.13,7.02,11.07,11.016,20]henicosa-1(2 Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2376-o2377.	0.2	3
195	5-[(E)-Benzylidene]-2-hydroxy-10-methyl-8-phenyl-3,10-diazahexacyclo[10.7.1.13,7.02,11.07,11.016,20]henicosa-1(19),12(20),13,15 ethanol 0.25-solvate 0.6-hydrate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2736-o2737.	0.2	1
196	11-[(E)-4-Bromobenzylidene]-8-(4-bromophenyl)-14-hydroxy-3,13-diazaheptacyclo[13.7.1.19,13.02,9.02,14.03,7.019,23]tetracosa-1(22 Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2926-o2927.	0.2	1
197	11-[(E)-Benzylidene]-14-hydroxy-8-phenyl-3,13-diazaheptacyclo[13.7.1.19,13.02,9.02,14.03,7.019,23]tetracosa-1(22),15,17,19(23), Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3045-o3045.	0.2	1
198	2-Hydroxy-16-[(E)-4-hydroxy-3-methoxybenzylidene]-13-(4-hydroxy-3-methoxyphenyl)-11-methyl-1,11-diazapentacyclo[12.3.1.02,10.03, Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1370-o1371.	0.2	5

#	Article	IF	Citations
199	A facile synthesis and antimycobacterial evaluation of novel spiro-pyrido-pyrrolizines and pyrrolidines. European Journal of Medicinal Chemistry, 2009, 44, 3821-3829.	5.5	154
200	An atom economic synthesis and antitubercular evaluation of novel spiro-cyclohexanones. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3461-3465.	2.2	75
201	A highly atom economic, chemo-, regio- and stereoselective synthesis, and discovery of spiro-pyrido-pyrrolizines and pyrrolidines as antimycobacterial agents. Tetrahedron, 2008, 64, 2962-2971.	1.9	71
202	Discovery of Antimycobacterial Spiro-piperidin-4-ones: An Atom Economic, Stereoselective Synthesis, and Biological Intervention. Journal of Medicinal Chemistry, 2008, 51, 5731-5735.	6.4	216
203	Four-component tandem protocol for the stereoselective synthesis of highly functionalized [1,4]-thiazines. Tetrahedron, 2007, 63, 1411-1416.	1.9	37
204	A facile synthesis and highly atom economic 1,3-dipolar cycloaddition of hexahydropyrido[3,4-c][1,5]benzothiazepines with nitrile oxide: stereoselective formation of hexahydro[1,2,4]oxadiazolo[5,4-d]pyrido[3,4-c][1,5]benzothiazepines. Tetrahedron, 2007, 63, 7850-7857.	1.9	38
205	Sacrificial azomethine ylide cycloaddition controlled chemoselective nitrile oxide cycloaddition to 1-methyl-3,5-bis[(E)-arylmethylidene]tetrahydro-4(1H)-pyridinones: formation of mono-spiro-isoxazolines. Tetrahedron, 2007, 63, 12220-12231.	1.9	55
206	1,3-Dipolar cycloaddition of nitrile oxides to (R)-1-(1-phenylethyl)-3-[(E)-arylmethylidene]tetrahydro-4(1H)-pyridinones: synthesis of enantiomerically pure spiro heterocycles. Tetrahedron: Asymmetry, 2007, 18, 170-180.	1.8	23
207	Three-component tandem reactions of (2-arylsulfanyl-3-aryl-2-oxiranyl)(aryl)methanones and o-phenylenediamine: formation of quinoxalines. Tetrahedron Letters, 2007, 48, 2155-2158.	1.4	34
208	Novel three-component tandem reactions of cyclic mono ketones, isatin and sarcosine: formation of dispiropyrrolidines. Tetrahedron Letters, 2007, 48, 7164-7168.	1.4	52
209	An atom efficient, solvent-free, green synthesis and antimycobacterial evaluation of 2-amino-6-methyl-4-aryl-8-[(E)-arylmethylidene]-5,6,7,8-tetrahydro-4H-pyrano[3,2-c]pyridine-3-carbonitriles. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 6459-6462.	2.2	125
210	Chemo-, regio- and stereoselective 1,3-dipolar cycloaddition of C-aryl-N-phenylnitrones over 3,5-bis(arylidene)-1-methylpiperidin-4-ones: synthesis of highly substituted novel spiro-isoxazolidines. Tetrahedron, 2006, 62, 12380-12391.	1.9	21