

# Sreekanth B Jonnalagadda

## List of Publications by Year in descending order

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377  
papers

9,343  
citations

61857

43  
h-index

74018

75  
g-index

400  
all docs

400  
docs citations

400  
times ranked

8821  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Efficient and Sustainable Protocol for the Synthesis of Poly-Functionalized-Pyran Derivatives under Ultrasound Irradiation. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 505-516.	1.4	8
2	Ultrasound-Mediated Green Synthesis of Novel Functionalized Benzothiazole[3,2- <i>a</i> ]Pyrimidine Derivatives through a Multicomponent Reaction. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 3348-3360.	1.4	3
3	Design, synthesis, docking study and biological evaluation of novel thieno[2,3- <i>d</i> ]-pyrimidine tethered 1,2,3-triazole scaffolds. <i>Journal of Molecular Structure</i> , 2022, 1250, 131713.	1.8	18
4	Ultrasound-assisted multicomponent synthesis of heterocycles in water – A review. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103544.	2.3	17
5	A sustainable molybdenum oxide loaded on zirconia (MoO <sub>3</sub> /ZrO <sub>2</sub> ) catalysed multicomponent reaction to synthesise novel dihydropyridines. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 25, 100578.	1.6	5
6	Critical trends in synthetic organic chemistry in terms of organocatalysis. <i>ChemistrySelect</i> , 2022, 7, 325-344.	0.7	0
7	Organo-catalysis as emerging tools in organic synthesis: aldol and Michael reactions. <i>ChemistrySelect</i> , 2022, .	0.7	2
8	Investigation of photocatalytic mineralisation of Acridine Yellow G dye by BaCrO <sub>4</sub> in the presence of eco-friendly LEDs irradiation. <i>Journal of the Indian Chemical Society</i> , 2022, 99, 100340.	1.3	4
9	An ecofriendly and reusable catalyst RuO <sub>2</sub> /MWCNT in the green synthesis of sulfonyl-quinolines. <i>Chemical Engineering Research and Design</i> , 2022, 159, 911-917.	2.7	11
10	N <sup>3/4</sup> -pyridinyl Schiff base copper(II) benzoate complexes: synthesis, crystal structures and ring-opening polymerization studies. <i>Transition Metal Chemistry</i> , 2022, 47, 113-126.	0.7	4
11	A novel LC-MS/MS method for simultaneous estimation of acalabrutinib and its active metabolite acalabrutinib M <sub>27</sub> in human plasma and application to a human pharmacokinetic study. <i>RSC Advances</i> , 2022, 12, 6631-6639.	1.7	4
12	Assessment of groundwater vulnerability to seawater intrusion using multiple approaches. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	1
13	Antioxidant activity of the bioactive compounds from the edible fruits and leaves of <i>Ficus sur</i> Forssk. (Moraceae). <i>South African Journal of Science</i> , 2022, 118, .	0.3	2
14	The pioneering role of metal-organic framework-5 in ever-growing contemporary applications – a review. <i>RSC Advances</i> , 2022, 12, 14282-14298.	1.7	18
15	Synthesis of antiviral drugs by using carbon-carbon and carbon-heteroatom bond formation under greener conditions. <i>ChemistrySelect</i> , 2022, .	0.7	0
16	Classical Intermolecular Hydrogen Bonding Motifs of Heterocyclic 2-Amino-3-carbonitrile Derivatives: Linking Hirshfeld Surface Analysis, CT-DNA Binding Affinity, and Molecular Docking. <i>Crystal Growth and Design</i> , 2022, 22, 5814-5834.	1.4	5
17	Highly active reduced graphene oxide supported Ni nanoparticles for C-S coupling reactions. <i>Nanoscale Advances</i> , 2022, 4, 3131-3135.	2.2	2
18	A facile and environmental-friendly protocol for the synthesis of methyleneisoxazole-5(4H)-ones catalyzed by CeO <sub>2</sub> /TiO <sub>2</sub> under ultrasonic irradiation. <i>Inorganic Chemistry Communication</i> , 2022, 143, 109741.	1.8	10

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19	A study on assessment of vulnerability of seawater intrusion to groundwater in coastal areas of Visakhapatnam, India. <i>Environment, Development and Sustainability</i> , 2021, 23, 5937-5955.	2.7	6
20	Efficient synthesis of novel functionalized dihydro-pyrazolo[3,4-d]pyridines via the three-component reaction using MgO/HAp as a sustainable catalyst. <i>Inorganic Chemistry Communication</i> , 2021, 123, 108321.	1.8	19
21	Quantitative estimation of Fulvestrant injection 505(j) composition and impurities profile by capillary gas chromatography and HPLC-PDA techniques. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 1443-1454.	1.2	2
22	A Review of Recent Advances in the Green Synthesis of Azole- and Pyran-based Fused Heterocycles Using MCRs and Sustainable Catalysts. <i>Current Organic Chemistry</i> , 2021, 25, 4-39.	0.9	21
23	A Facile and Catalyst-Free Microwave-Promoted Multicomponent Reaction for the Synthesis of Functionalised 1,4-Dihydropyridines With Superb Selectivity and Yields. <i>Frontiers in Chemistry</i> , 2021, 9, 638832.	1.8	20
24	Advances in Pyranopyrazole Scaffolds™ Syntheses Using Sustainable Catalysts™ A Review. <i>Molecules</i> , 2021, 26, 3270.	1.7	30
25	Preparation and characterisation of new Ti/Fluorapatite/MWCNTs ternary nanocomposite and its catalytic activity in the synthesis of pyrazolo[3,4-b]quinoline moieties. <i>Materials Today Communications</i> , 2021, 27, 102206.	0.9	0
26	Green Synthesis of Cu Nanoparticles in Modulating the Reactivity of Amine-Functionalized Composite Materials towards Cross-Coupling Reactions. <i>Nanomaterials</i> , 2021, 11, 2260.	1.9	1
27	Manganese oxide supported partially reduced graphene oxide as a highly active and durable catalyst for the amination of benzene. <i>Catalysis Communications</i> , 2021, 157, 106329.	1.6	5
28	Design, synthesis, anticancer activity and molecular docking analysis of novel dinitrophenylpyrazole bearing 1,2,3-triazoles. <i>Journal of Molecular Structure</i> , 2021, 1243, 130865.	1.8	26
29	Facile Method for the Synthesis of Cyanoacrylates by Knoevenagel Condensation. <i>Organic Preparations and Procedures International</i> , 2021, 53, 18-24.	0.6	2
30	Design, Synthesis and Biological Evaluation of Novel Heterocyclic Fluoroquinolone Citrate Conjugates as Potential Inhibitors of Topoisomerase IV: A Computational Molecular Modeling Study. <i>Current Drug Discovery Technologies</i> , 2021, 18, 11-30.	0.6	3
31	Excellent Catalytic Activity of Two Cd(II) Metal-Organic Frameworks in The Synthesis of Benzothiazolo-pyrimidines. <i>ChemistrySelect</i> , 2021, 6, 11682-11689.	0.7	1
32	A Review on Metal-Organic Frameworks as Congenial Heterogeneous Catalysts for Potential Organic Transformations. <i>Frontiers in Chemistry</i> , 2021, 9, 747615.	1.8	19
33	Recent Progresses in the Multicomponent Synthesis of Dihydropyridines by Applying Sustainable Catalysts Under Green Conditions. <i>Frontiers in Chemistry</i> , 2021, 9, 800236.	1.8	11
34	Methyl 2-[(tert-Butoxycarbonyl)amino]-3-hydroxy-3-phenylpropanoate: Synthesis of Erythro (±) Isomer by Reduction and Threo (±) Isomer by Inversion Method. <i>Russian Journal of General Chemistry</i> , 2021, 91, 2539-2545.	0.3	0
35	A review on multi-component green synthesis of N-containing heterocycles using mixed oxides as heterogeneous catalysts. <i>Arabian Journal of Chemistry</i> , 2020, 13, 1142-1178.	2.3	98
36	Efficient synthesis of novel pyrazole-linked 1,2,4-triazolidine-3-thiones using bismuth on zirconium oxide as a recyclable catalyst in aqueous medium. <i>Molecular Diversity</i> , 2020, 24, 345-354.	2.1	14

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37	Chemical and elemental analysis of the edible fruit of five <i>Carpobrotus</i> species from South Africa: assessment of nutritional value and potential metal toxicity. <i>International Journal of Environmental Health Research</i> , 2020, 30, 357-371.	1.3	10
38	Stability-indicating RP-HPLC method development and validation for determination of nine impurities in apixaban tablet dosage forms. Robustness study by quality by design approach. <i>Biomedical Chromatography</i> , 2020, 34, e4719.	0.8	31
39	Green synthesis and characterization of novel 1,2,4,5-tetrasubstituted imidazole derivatives with eco-friendly red brick clay as efficacious catalyst. <i>Molecular Diversity</i> , 2020, 24, 889-901.	2.1	13
40	Elemental analysis of the edible fruit of <i>Carpobrotus dimidiatus</i> (from Kwazulu-Natal, South Africa) and the influence of soil quality on its elemental uptake. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2020, 55, 406-415.	0.7	2
41	Efficacy of biochar in removal of organic pesticide, Bentazone from watershed systems. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2020, 55, 396-405.	0.7	33
42	Antilcerogenic effects of <i>Celosia trigyna</i> plant extracts on ethanol-induced gastric ulcer in adult Wistar rats. <i>Journal of Traditional and Complementary Medicine</i> , 2020, 10, 586-593.	1.5	12
43	Drug screening of rhodanine derivatives for antibacterial activity. <i>Expert Opinion on Drug Discovery</i> , 2020, 15, 203-229.	2.5	46
44	MnO <sub>2</sub> on hydroxyapatite: A green heterogeneous catalyst and synthesis of pyran-carboxamide derivatives. <i>Inorganic Chemistry Communication</i> , 2020, 112, 107706.	1.8	32
45	Gadolinium oxide loaded zirconia and multi-component synthesis of novel dihydro-pyrazolo[3,4-d]pyridines under green conditions. <i>Sustainable Chemistry and Pharmacy</i> , 2020, 18, 100316.	1.6	8
46	A novel use of Boc-Oxyima as reagent for tert-butoxycarbonylation of amines and amino acid esters. <i>Chemical Data Collections</i> , 2020, 30, 100592.	1.1	1
47	Epoxidation of trans-stilbene with molecular oxygen over an eco-friendly heterogeneous cobalt oxide/reduced graphene oxide composite material. <i>Research on Chemical Intermediates</i> , 2020, 46, 4465-4473.	1.3	1
48	A rapid, sustainable and environmental friendly protocol for the catalyst-free synthesis of 2-methyl-5-oxo-hexahydroquinoline-3-carboxylate via ultrasonic irradiation. <i>Chemical Data Collections</i> , 2020, 28, 100432.	1.1	8
49	Synthesis and antimicrobial evaluation of novel pyrano[2,3-d]-pyrimidine bearing 1,2,3-triazoles. <i>Chemical Data Collections</i> , 2020, 28, 100486.	1.1	38
50	An Improved Preparation of Azilsartan. <i>Organic Preparations and Procedures International</i> , 2020, 52, 550-555.	0.6	1
51	Polyethylene glycol (PEG400) Mediated One-pot Green Synthesis of 4,7-dihydro-2H-pyrazolo[3,4-b]pyridines Under Catalyst-free Conditions. <i>ChemistrySelect</i> , 2020, 5, 12407-12410.	0.7	13
52	Excellent catalytic activity of ethylenediamine stabilised oxalate ligated aluminium coordination complex for synthesis of novel benzoquinolines. <i>Polyhedron</i> , 2020, 189, 114734.	1.0	3
53	A green, efficient protocol for the catalyst-free synthesis of tetrahydro-1H-pyrazolo-[3,4-b]-quinolin-5(4H)-ones supported by ultrasonic irradiation. <i>Chemical Data Collections</i> , 2020, 30, 100566.	1.1	14
54	A green, efficient and recoverable CeO <sub>2</sub> /MWCNT nanocomposite catalyzed click synthesis of pyridine-carboxamides. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5796.	1.7	16

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55	Ultrasound-assisted synthesis and antibacterial activity of novel 1,3,4-thiadiazole-1H-pyrazol-4-yl-thiazolidin-4-one derivatives. <i>Monatshefte für Chemie</i> , 2020, 151, 981-990.	0.9	12
56	A green, facile and recyclable Mn <sub>3</sub> O <sub>4</sub> /MWCNT nano-catalyst for the synthesis of quinolines via one-pot multicomponent reactions. <i>Sustainable Chemistry and Pharmacy</i> , 2020, 16, 100265.	1.6	11
57	Green synthesis and characterisation of novel [1,3,4]thiadiazolo/benzo[4,5]thiazolo[3,2- <i>a</i> ]pyrimidines <i>via</i> multicomponent reaction using vanadium oxide loaded on fluorapatite as a robust and sustainable catalyst. <i>RSC Advances</i> , 2020, 10, 19803-19810.	1.7	27
58	Facile one-pot green synthesis of 2-amino-4H-benzo[ <i>g</i> ]chromenes in aqueous ethanol under ultrasound irradiation. <i>Synthetic Communications</i> , 2020, 50, 1960-1971.	1.1	11
59	Nutritional value, antioxidant and antidiabetic properties of nettles ( <i>Laportea alata</i> and <i>Obetia</i> ) Tj ETQq1 1 0.784314 rgBT <sub>5</sub> /Overload	1.6	5
60	Crystal structure of (E)-4-((4-chlorophenylimino)methyl)pyridinium 3,5-dinitrobenzoate, C <sub>19</sub> H <sub>13</sub> ClN <sub>4</sub> O <sub>6</sub> . <i>Zeitschrift für Kristallographie - New Crystal Structures</i> , 2020, 235, 621-623.	0.1	0
61	Catalyst-free synthesis of novel isopropyl 2-amino-7,7-dimethyl-4-(aryl)-5-oxo-5,6,7,8-tetrahydro-4H-chromene-3-carboxylate derivatives in aqueous ethanol under ultrasound irradiation. <i>Chemical Data Collections</i> , 2020, 26, 100365.	1.1	16
62	Facile, efficient, catalyst-free, ultrasound-assisted one-pot green synthesis of triazole derivatives. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1539-1544.	1.2	12
63	One-pot green synthesis of novel 5,10-dihydro-1H-pyrazolo[1,2- <i>b</i> ]phthalazine derivatives with eco-friendly biodegradable eggshell powder as efficacious catalyst. <i>Research on Chemical Intermediates</i> , 2020, 46, 3067-3083.	1.3	20
64	Elemental bioaccumulation and nutritional value of five species of wild growing mushrooms from South Africa. <i>Food Chemistry</i> , 2020, 319, 126596.	4.2	27
65	Studies on thermal stability and life estimation of epoxy adhesive by thermogravimetric analysis for high-temperature applications. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	0.8	0
66	Ultrasound-mediated catalyst-free protocol for the synthesis of bis-3-methyl-1-phenyl-1H-pyrazol-5-ols in aqueous ethanol. <i>Chemical Data Collections</i> , 2020, 28, 100467.	1.1	12
67	Synthesis and anticancer activity of novel pyrazolo[4- <i>a</i> :3- <i>b'</i> ]pyrano[2,3- <i>d</i> ] pyrimidin-5(2H)-one derivatives. <i>Chemical Data Collections</i> , 2020, 28, 100471.	1.1	18
68	A study on the catalytic behaviour of Cd(II) and Sm(III) coordination complexes towards the four-component synthesis of quinoline-3-carboxylates. <i>Inorganic Chemistry Communication</i> , 2020, 119, 108084.	1.8	10
69	Green catalyst-free one-pot synthesis of novel tetrahydropyridine-3-carboxamides by microwave-assisted approach. <i>Journal of Chemical Sciences</i> , 2020, 132, 1.	0.7	10
70	Bi <sub>2</sub> O <sub>3</sub> /FAP, a sustainable catalyst for synthesis of dihydro-1,2,4-triazolo[1,5- <i>a</i> ]pyrimidine derivatives through green strategy. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5590.	1.7	19
71	Y <sub>2</sub> O <sub>3</sub> /HAP, a sustainable catalyst for novel synthesis of furo[3,4- <i>b</i> ]chromenes derivatives via green strategy. <i>Inorganic Chemistry Communication</i> , 2020, 114, 107807.	1.8	24
72	Elemental Distribution and Health Risk Assessment of the Edible Fruits of Two Ficus Species, <i>Ficus sycamorus</i> L. and <i>Ficus burtt-davyi</i> Hutch. <i>Biological Trace Element Research</i> , 2020, 198, 303-314.	1.9	5

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73	Facile One-pot Synthesis of Arylsulfonyl-4H-pyrans Catalyzed by Ru Loaded Fluorapatite. <i>ChemistrySelect</i> , 2020, 5, 1786-1791.	0.7	24
74	Synthesis of Novel Furo[3,2-c]coumarin Derivatives through Multicomponent [4+1] Cycloaddition Reaction Using ZnO/FAP as a Sustainable Catalyst. <i>ChemistrySelect</i> , 2020, 5, 4104-4110.	0.7	24
75	Surface modification of metal-organic frameworks for biomedical applications. , 2020, , 111-139.		0
76	Four-component rapid protocol with nickel oxide loaded on fluorapatite as a sustainable catalyst for the synthesis of novel imidazole analogs. <i>Inorganic Chemistry Communication</i> , 2020, 116, 107935.	1.8	14
77	A Review on Recent Advances in Nitrogen-Containing Molecules and Their Biological Applications. <i>Molecules</i> , 2020, 25, 1909.	1.7	779
78	Treatment of pharmaceutical wastewater by heterogeneous Fenton process: an innovative approach. <i>Nanotechnology for Environmental Engineering</i> , 2020, 5, 1.	2.0	6
79	A Review on Advanced Oxidation Processes (AOPs) for Wastewater Remediation. <i>Asian Journal of Chemistry</i> , 2020, 32, 2677-2684.	0.1	2
80	Design of Carbon-carbon and Carbon-heteroatom Bond Formation Reactions under Green Conditions. <i>Current Organic Chemistry</i> , 2020, 23, 3154-3190.	0.9	36
81	Synthesis of 2-Substituted 4-Arylidene-5(4H)-oxazolones as Potential Cytotoxic Agents in the Presence of Lemon Juice as a Biocatalyst. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2020, 22, 625-634.	0.6	5
82	Lemon Juice Mediated Synthesis of 3-Substituted Quinazolin-4(3H)-Ones and their Pharmacological Evaluation. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 19, 2001-2009.	0.9	6
83	Comparing Nutritional Quality, Antioxidant, and Antiulcer Activity of Two Amaranthaceae Plants: <i>Achyranthes aspera</i> and <i>Amaranthus spinosus</i> . <i>Current Topics in Nutraceutical Research</i> , 2020, 19, 493-500.	0.1	0
84	A review on novel composites of MWCNTs mediated semiconducting materials as photocatalysts in water treatment. <i>Science of the Total Environment</i> , 2019, 646, 1398-1412.	3.9	101
85	Simultaneous quantification of lidocaine and prilocaine in human plasma by LC-MS/MS and its application in a human pharmacokinetic study. <i>Practical Laboratory Medicine</i> , 2019, 17, e00129.	0.6	3
86	Debromination of 2,4,6-Tribromophenol and bromate ion minimization in Water by catalytic ozonation. <i>Journal of Water Process Engineering</i> , 2019, 31, 100893.	2.6	7
87	Recent advances in heterogeneous catalysts for the synthesis of imidazole derivatives. <i>Synthetic Communications</i> , 2019, 49, 2437-2459.	1.1	66
88	Chemical preparation of activated carbon from <i>Acacia erioloba</i> seed pods using H <sub>2</sub> SO <sub>4</sub> as impregnating agent for water treatment: An environmentally benevolent approach. <i>Journal of Cleaner Production</i> , 2019, 237, 117689.	4.6	49
89	Development and validation of a generic RP-HPLC PDA method for the simultaneous separation and quantification of active ingredients in cold and cough medicines. <i>Biomedical Chromatography</i> , 2019, 33, e4641.	0.8	24
90	Advances in Treatment of Brominated Hydrocarbons by Heterogeneous Catalytic Ozonation and Bromate Minimization. <i>Molecules</i> , 2019, 24, 3450.	1.7	8

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91	Microwave-Assisted Multicomponent Reaction: A Green and Catalyst-Free Method for the Synthesis of Poly-Functionalized 1,4-Dihydropyridines. <i>ChemistrySelect</i> , 2019, 4, 9451-9454.	0.7	23
92	Uptake, Translocation, and Bioaccumulation of Elements in Forest Nettle ( <i>Laportea alatis</i> ). <i>Analytical Letters</i> , 2019, 52, 1050-1067.	1.0	2
93	Elemental distribution including toxic elements in edible and inedible wild growing mushrooms from South Africa. <i>Environmental Science and Pollution Research</i> , 2019, 26, 7913-7925.	2.7	12
94	Recyclable Materials as Catalysts for Nonbiodegradable Organics in Water Treatment. , 2019, , 497-503.		1
95	Citric Acid/MCM-48 Catalyzed Multicomponent Reaction: An Efficient Method for the Novel Synthesis of Quinoline Derivatives. <i>ChemistrySelect</i> , 2019, 4, 7003-7009.	0.7	17
96	Stability-Indicating HPLC method for simultaneous quantification of 14 impurities in excedrin tablet formulations and identification of new impurity by LC-MS in accelerated stability studies. <i>Biomedical Chromatography</i> , 2019, 33, e4608.	0.8	25
97	Synthesis of lanthanide-doped TiO <sub>2</sub> nanoparticles and their photocatalytic activity under visible light. <i>Canadian Journal of Chemistry</i> , 2019, 97, 672-681.	0.6	9
98	A green protocol for the synthesis of new 1,4-dihydropyridine derivatives using Fe <sub>2</sub> O <sub>3</sub> /ZrO <sub>2</sub> as a reusable catalyst. <i>Research on Chemical Intermediates</i> , 2019, 45, 4555-4572.	1.3	3
99	A Facile Synthesis of Molybdenum-Promoted Reduced Graphene Oxide as Catalyst towards Epoxidation of Cyclohexene. <i>ChemistrySelect</i> , 2019, 4, 5381-5385.	0.7	4
100	Pd nanoparticle supported reduced graphene oxide and its excellent catalytic activity for the Ullmann C-C coupling reaction in a green solvent. <i>RSC Advances</i> , 2019, 9, 13332-13335.	1.7	9
101	Recent advances in noble metal free doped graphitic carbon nitride based nanohybrids for photocatalysis of organic contaminants in water: A review. <i>Applied Materials Today</i> , 2019, 15, 494-524.	2.3	393
102	Synthesis of novel pyrazole-based triazolidinone derivatives by using ZnO/ZrO <sub>2</sub> as a reusable catalyst under green conditions. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4722.	1.7	20
103	Unique Lewis and Bronsted acidic sites texture in the selective production of tetrahydropyran and oxepan from 1,5-pentanediol and 1,6-hexanediol over sustainable red brick clay catalyst. <i>Heliyon</i> , 2019, 5, e01212.	1.4	3
104	An eco-friendly approach for synthesis of novel substituted 4H-chromenes in aqueous ethanol under ultra-sonication with 94% atom economy. <i>Journal of Molecular Structure</i> , 2019, 1185, 357-360.	1.8	29
105	Elemental composition and nutritional value of the edible fruits of Transvaal red milkwood ( <i>Mimusops zeyheri</i> ) and impact of soil quality. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 135.	1.3	5
106	Synergistic Catalysis of Ag(I) and Organo-N-heterocyclic Carbenes: One-Pot Synthesis of New Anticancer Spirooxindole-1,4-dihydropyridines. <i>ChemistrySelect</i> , 2019, 4, 2562-2567.	0.7	12
107	Ni nanoparticle supported reduced graphene oxide as a highly active and durable heterogeneous material for coupling reactions. <i>Nanoscale Advances</i> , 2019, 1, 1527-1530.	2.2	15
108	Ceria doped TiO <sub>2</sub> as photocatalyst for water treatment under visible light. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 668, 012011.	0.3	3

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109	One-pot regioselective synthesis of substituted pyrazoles and isoxazoles in PEG-400/water medium by Cu-free nano-Pd catalyzed sequential acyl Sonogashira couplingâ€“intramolecular cyclization. <i>Catalysis Science and Technology</i> , 2019, 9, 6471-6481.	2.1	13
110	A comparison between observed and DFT calculations on structure of 5-(4-chlorophenyl)-2-amino-1,3,4-thiadiazole. <i>Scientific Reports</i> , 2019, 9, 19280.	1.6	50
111	A facile and one-pot synthesis of new tetrahydrobenzo[b]pyrans in water under microwave irradiation. <i>BMC Chemistry</i> , 2019, 13, 132.	1.6	18
112	Microwaveâ€“Assisted Oneâ€“Step Fourâ€“Component Reaction for Synthesis of 1,4â€“Dihydropyridines Catalyzed by Triethylamine. <i>ChemistrySelect</i> , 2019, 4, 12503-12506.	0.7	9
113	Four-Component Fusion Protocol with NiO/ZrO <sub>2</sub> as a Robust Recyclable Catalyst for Novel 1,4-Dihydropyridines. <i>ACS Omega</i> , 2019, 4, 21187-21196.	1.6	19
114	A multicomponent, facile and catalyst-free microwave-assisted protocol for the synthesis of pyrazolo-[3,4- <i>b</i> ]-quinolines under green conditions. <i>RSC Advances</i> , 2019, 9, 30768-30772.	1.7	35
115	Design and synthesis of novel 6-substituted quinazoline-2-thiols. <i>Molecular Diversity</i> , 2019, 23, 351-360.	2.1	4
116	Removal of 2,4-Dichlorophenoxyacetic acid from water and organic by-product minimization by catalytic ozonation. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2019, 17, 85-95.	1.4	2
117	Catalytic activity of supra molecular self-assembled Nickel (II) coordination complex in synthesis of indeno-pyrimidine derivatives. <i>Polyhedron</i> , 2019, 158, 464-470.	1.0	11
118	Non-catalytic and catalytic ozonation of simple halohydrins in water. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102783.	3.3	6
119	Elemental distribution in the edible leaves of <i>Celosia trigyna</i> from the western and northern regions of Nigeria. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2019, 54, 61-69.	0.7	4
120	Ozone facilitated degradation of caffeine using Ce-TiO <sub>2</sub> catalyst. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2019, 54, 138-146.	0.7	7
121	Toxic metals (As and Pb) in <i>Sargassum elegans</i> Suhr (1840) and its bioactive compounds. <i>International Journal of Environmental Health Research</i> , 2019, 29, 266-275.	1.3	8
122	Distribution and Assessment of Heavy Metals in <i>Trifolium dubium</i> (Little Hop Clover) and the Impact of Soil Quality. <i>Analytical Letters</i> , 2019, 52, 1165-1176.	1.0	1
123	Simple one-pot green method for large-scale production of mesalamine, an anti-inflammatory agent. <i>Green Processing and Synthesis</i> , 2019, 8, 320-323.	1.3	3
124	Our Contributions in Synthesis of Diverse Heterocyclic Scaffolds by Using Mixed Oxides as Heterogeneous Catalysts. <i>Chemical Record</i> , 2019, 19, 1793-1812.	2.9	17
125	Synthesis and antimicrobial activity of novel thienopyrimidine linked rhodanine derivatives. <i>Canadian Journal of Chemistry</i> , 2019, 97, 94-99.	0.6	29
126	V-CaHAp as a recyclable catalyst for the green multicomponent synthesis of benzochromenes. <i>Arabian Journal of Chemistry</i> , 2019, 12, 3814-3824.	2.3	17



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140	Chlorine dioxide inactivation of Pseudomonas aeruginosa and Staphylococcus aureus in water: The kinetics and mechanism. Journal of Water Process Engineering, 2018, 26, 46-54.	2.6	49
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182	Synthesis, Biological Activity of Pyrimidine Linked with Morpholinophenyl Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1852-1858.	1.4	10
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213	Synthesis and characterization of novel bifunctional mesoporous silica catalyst and its scope for one-pot deacetalization – Knoevenagel reaction. <i>Journal of Porous Materials</i> , 2015, 22, 353-360.	1.3	13
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233	Synthesis and Insecticidal Activity of Tetrazole-Linked Triazole Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 487-491.	1.4	26
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254	Elemental composition and nutritional value of the edible fruits of <i>Harphephyllum caffrum</i> and impact of soil quality on their chemical characteristics. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2013, 48, 539-547.	0.7	17
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