Aarushi Singh

List of Publications by Year
in descending order

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123	3,498	136740	174990
papers	citations	32 h-index	52 g-index

126	126	126	4644
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DFT and docking studies of designed conjugates of noscapines & repurposing drugs: promising inhibitors of main protease of SARS-CoV-2 and falcipan-2. Journal of Biomolecular Structure and Dynamics, 2022, 40, 2600-2620.	2.0	14
2	Antitussive noscapine and antiviral drug conjugates as arsenal against COVID-19: a comprehensive chemoinformatics analysis. Journal of Biomolecular Structure and Dynamics, 2022, 40, 101-116.	2.0	40
3	A review targeting the infection by CHIKV using computational and experimental approaches. Journal of Biomolecular Structure and Dynamics, 2022, 40, 8127-8141.	2.0	3
4	Nanostructured Mesoporous Carbon Based Electrochemical Biosensor for Efficient Detection of Swine Flu. Electroanalysis, 2022, 34, 43-55.	1.5	13
5	Molecular imprinting based electrochemical biosensor for identification of serum amyloid A (SAA), a neonatal sepsis biomarker. International Journal of Biological Macromolecules, 2022, 195, 589-597.	3.6	26
6	Fabrication of a sensing platform for identification of tumor necrosis factor-alpha: a biomarker for neonatal sepsis. 3 Biotech, 2022, 12, 37.	1.1	10
7	A Novel Terpolymer Membrane-Based Electrode Sensor for Selective Determination of Cd(II) Ions. Asian Journal of Chemistry, 2022, 34, 749-756.	0.1	0
8	Multiwalled carbon nanotube nanofiller-polyindole polymer matrix-based efficient biosensor for the rapid detection of swine flu. New Journal of Chemistry, 2022, 46, 6201-6211.	1.4	14
9	Nanostructured zirconia@reduced graphene oxide based ultraefficient nanobiosensing platform for food toxin detection. Sensors & Diagnostics, 2022, 1, 550-557.	1.9	11
10	Visible-Light-Prompted Synthesis and Binding Studies of 5,6-Dihydroimidazo[2,1-b]thiazoles with BSA and DNA Using Biophysical and Computational Methods. Journal of Organic Chemistry, 2022, 87, 3952-3966.	1.7	8
11	2D transparent few-layered hydrogen substituted graphdiyne nano-interface for unprecedented ultralow ANXA2 cancer biomarker detection. Biosensors and Bioelectronics, 2022, 213, 114433.	5.3	10
12	Promising inhibitors of main protease of novel corona virus to prevent the spread of COVID-19 using docking and molecular dynamics simulation. Journal of Biomolecular Structure and Dynamics, 2021, 39, 4671-4685.	2.0	46
13	Understanding the binding affinity of noscapines with protease of SARS-CoV-2 for COVID-19 using MD simulations at different temperatures. Journal of Biomolecular Structure and Dynamics, 2021, 39, 2659-2672.	2.0	61
14	A comprehensive review on potential therapeutics interventions for COVID-19. European Journal of Pharmacology, 2021, 890, 173741.	1.7	30
15	Ex vivo binding studies of the anti-cancer drug noscapine with human hemoglobin: a spectroscopic and molecular docking study. New Journal of Chemistry, 2021, 45, 1525-1534.	1.4	7
16	Mitochondrial and Organellar Crosstalk in Parkinsonâ€™s Disease. ASN Neuro, 2021, 13, 175909142110283.	1.5	9
17	High bio-recognizing aptamer designing and optimization against human herpes virus-5. European Journal of Pharmaceutical Sciences, 2021, 156, 105572.	1.9	11
18	Al₂O₃/CuI/PANI nanocomposite catalyzed green synthesis of biologically active 2-substituted benzimidazole derivatives. Dalton Transactions, 2021, 50, 7750-7758.	1.6	15

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19	Targeting unfolded protein response: a new horizon for disease control. Expert Reviews in Molecular Medicine, 2021, 23, e1.	1.6	24
20	High-valued pyrazinoindole analogues: Synthesis, antibacterial activity, structure activity relationship and molecular dynamics analyses. Results in Chemistry, 2021, 3, 100194.	0.9	2
21	Organic Transformation Using Heterogeneous Catalysts. Current Organic Chemistry, 2021, 25, 331-331.	0.9	0
22	Stereospecific N-acylation of indoles and corresponding microwave mediated synthesis of pyrazinoindoles using hexafluoroisopropanol. Tetrahedron, 2021, 84, 132017.	1.0	10
23	CytotoxicÂT-lymphocyte elicited vaccine against SARS-CoV-2 employing immunoinformaticsÂframework. Scientific Reports, 2021, 11, 7653.	1.6	22
24	The Immunopathobiology of SARS-CoV-2 Infection. FEMS Microbiology Reviews, 2021, 45, .	3.9	9
25	Guar gum based nanocomposites: Role in water purification through efficient removal of dyes and metal ions. Carbohydrate Polymers, 2021, 261, 117851.	5.1	46
26	An Experimental and Theoretical Approach to Understand Fever, DENF & its Cure. Infectious Disorders - Drug Targets, 2021, 21, 495-513.	0.4	1
27	Nanostructured graphitic carbon nitride based ultrasensing electrochemical biosensor for food toxin detection. Bioelectrochemistry, 2021, 139, 107738.	2.4	36
28	A Mini-Review on the Synthesis of Pyrazinoindole: Recent Progress and Perspectives. Mini-Reviews in Organic Chemistry, 2021, 18, 504-514.	0.6	4
29	A naked-eye colorimetric sensor based on chalcone for the sequential recognition of copper(<scp>ii</scp>) and sulfide ions in semi-aqueous solution: spectroscopic and theoretical approaches. New Journal of Chemistry, 2021, 45, 10340-10348.	1.4	13
30	Recent progress in the total synthesis of pyrrole-containing natural products (2011â€“2020). Organic Chemistry Frontiers, 2021, 8, 5550-5573.	2.3	47
31	Visible-light driven regioselective synthesis, characterization and binding studies of 2-aroyl-3-methyl-6,7-dihydro-5H-thiazolo[3,2-a]pyrimidines with DNA and BSA using biophysical and computational techniques. Scientific Reports, 2021, 11, 22135.	1.6	13
32	Chloro and bromo-pyrazole curcumin Knoevenagel condensates augmented anticancer activity against human cervical cancer cells: design, synthesis, in silico docking and in vitro cytotoxicity analysis. Journal of Biomolecular Structure and Dynamics, 2020, 38, 200-218.	2.0	33
33	4-Bromo-4â€™-chloro pyrazoline analog of curcumin augmented anticancer activity against human cervical cancer, HeLa cells: in silico-guided analysis, synthesis, and in vitro cytotoxicity. Journal of Biomolecular Structure and Dynamics, 2020, 38, 1335-1353.	2.0	26
34	Recent advances in developing biosensing based platforms for neonatal sepsis. Biosensors and Bioelectronics, 2020, 169, 112552.	5.3	33
35	Design and optimization of a subunit vaccine targeting COVID-19 molecular shreds using an immunoinformatics framework. RSC Advances, 2020, 10, 35856-35872.	1.7	27
36	Fabrication of a Gold-Supported NiAlTi-Layered Double Hydroxide Nanocatalyst for Organic Transformations. ACS Omega, 2020, 5, 23967-23974.	1.6	18

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37	Monophasic molybdenum selenide-reduced graphene oxide nanocomposite sheets based immunosensing platform for ultrasensitive serotonin detection. Microchemical Journal, 2020, 159, 105344.	2.3	23
38	Molecular Binding Mechanism and Pharmacology Comparative Analysis of Noscapine for Repurposing against SARS-CoV-2 Protease. Journal of Proteome Research, 2020, 19, 4678-4689.	1.8	41
39	Vaccine Formulation and Optimization for Human Herpes Virus-5 through an Immunoinformatics Framework. ACS Pharmacology and Translational Science, 2020, 3, 1318-1329.	2.5	14
40	Neuroinflammation Mechanisms and Phytotherapeutic Intervention: A Systematic Review. ACS Chemical Neuroscience, 2020, 11, 3707-3731.	1.7	31
41	Calcined Layered Double Hydroxides: Catalysts for Xanthene, 1,4-Dihydropyridine, and Polyhydroquinoline Derivative Synthesis. ACS Omega, 2020, 5, 15673-15680.	1.6	35
42	MoS₄^{2â˜’} intercalated NiFeTi LDH as an efficient and selective adsorbent for elimination of heavy metals. RSC Advances, 2020, 10, 19371-19381.	1.7	19
43	Curcumin based supramolecular ensemble for optical detection of Cu2+ and Hg2+ ions. Journal of Molecular Structure, 2020, 1211, 128091.	1.8	5
44	Recent advancements in synthetic methodologies of 3-substituted phthalides and their application in the total synthesis of biologically active natural products. RSC Advances, 2020, 10, 12626-12652.	1.7	35
45	Nanostructured transition metal chalcogenide embedded on reduced graphene oxide based highly efficient biosensor for cardiovascular disease detection. Microchemical Journal, 2020, 155, 104697.	2.3	40
46	Privileged Scaffold Chalcone: Synthesis, Characterization and Its Mechanistic Interaction Studies with BSA Employing Spectroscopic and Chemoinformatics Approaches. ACS Omega, 2020, 5, 2267-2279.	1.6	31
47	Selective Docking of Pyranooxazoles Against nsP2 of CHIKV Eluted Through Isothermally and Nonâ€Isothermally MD simulations. ChemistrySelect, 2020, 5, 4210-4220.	0.7	13
48	Simultaneous Elimination of Dyes and Antibiotic with a Hydrothermally Generated NiAlTi Layered Double Hydroxide Adsorbent. ACS Omega, 2020, 5, 2368-2377.	1.6	46
49	Cytotoxic T-lymphocyte elicited therapeutic vaccine candidate targeting cancer against MAGE-A11 carcinogenic protein. Bioscience Reports, 2020, 40, .	1.1	8
50	HHV-5 epitope: A potential vaccine candidate with high antigenicity and large coverage. Journal of Biomolecular Structure and Dynamics, 2019, 37, 2098-2109.	2.0	13
51	Cinnamon attenuates adiposity and affects the expression of metabolic genes in Diet-Induced obesity model of zebrafish. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 2930-2939.	1.9	19
52	A new biocompatible ternary Layered Double Hydroxide Adsorbent for ultrafast removal of anionic organic dyes. Scientific Reports, 2019, 9, 16225.	1.6	63
53	Pyrrolothiazolones as Potential Inhibitors for the nsP2Bâ€nsP3 Protease of Dengue Virus and Their Mechanism of Synthesis. ChemistrySelect, 2019, 4, 9410-9419.	0.7	16
54	Deciphering the Binding Mechanism of Noscapine with Lysozyme: Biophysical and Chemoinformatic Approaches. ACS Omega, 2019, 4, 16233-16241.	1.6	34

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55	Benefits of curcumin in brain disorders. BioFactors, 2019, 45, 666-689.	2.6	117
56	Base-Free Suzukiâ€“Miyaura Coupling Reaction Using Palladium(II) Supported Catalyst in Water. Catalysis Letters, 2019, 149, 1589-1594.	1.4	9
57	Biological Evaluation of Noscapine analogues as Potent and Microtubule-Targeted Anticancer Agents. Scientific Reports, 2019, 9, 19542.	1.6	29
58	Antimicrobial Peptide Designing and Optimization Employing Large-Scale Flexibility Analysis of Protein-Peptide Fragments. ACS Omega, 2019, 4, 21370-21380.	1.6	31
59	Fast-Acting Small Molecules Targeting Malarial Aspartyl Proteases, Plasmepsins, Inhibit Malaria Infection at Multiple Life Stages. ACS Infectious Diseases, 2019, 5, 184-198.	1.8	16
60	Zeolite reinforced carboxymethyl celluloseâ€Na⁺â€gâ€clâ€poly(AAm) hydrogel composites with pH responsive phosphate release behavior. Journal of Applied Polymer Science, 2019, 136, 47332.	1.3	18
61	Dendritic spines: Revisiting the physiological role. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 92, 161-193.	2.5	165
62	Optimization of sulfation of okra fruit gum for improved rheological and pharmacological properties. International Journal of Biological Macromolecules, 2019, 122, 1-9.	3.6	16
63	Biology of Heme: Drug Interactions and Adverse Drug Reactions with CYP450. Current Topics in Medicinal Chemistry, 2019, 18, 2042-2055.	1.0	7
64	Designing of a Novel Indoline Scaffold Based Antibacterial Compound and Pharmacological Evaluation Using Chemoinformatics Approach. Current Topics in Medicinal Chemistry, 2019, 18, 2056-2065.	1.0	12
65	Versatile biomedical potential of biosynthesized silver nanoparticles from Acacia nilotica bark. Journal of Applied Biomedicine, 2019, 17, 115-124.	0.6	11
66	Noscapine as Anticancer Agent & Its Role in Ovarian Cancer. Organic and Medicinal Chemistry International Journal, 2019, 9, .	0.1	1
67	Intratumoral administration of carboplatin bearing poly (Îµ-caprolactone) nanoparticles amalgamated with in situ gel tendered augmented drug delivery, cytotoxicity, and apoptosis in melanoma tumor. Colloids and Surfaces B: Biointerfaces, 2018, 166, 339-348.	2.5	16
68	Synthesis and Characterization of Magnesium Hydroxide & Cerium Oxide Composite: Application in Organic Transformation. ChemistrySelect, 2018, 3, 1645-1649.	0.7	8
69	A review on electrochemical detection of serotonin based on surface modified electrodes. Biosensors and Bioelectronics, 2018, 107, 76-93.	5.3	171
70	Advancement in nanotechnology-based approaches for the treatment and diagnosis of hypercholesterolemia. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 188-197.	1.9	6
71	Self-assembled nanomicelles of amphiphilic clotrimazole glycyl-glycine analogue augmented drug delivery, apoptosis and restrained melanoma tumour progression. Materials Science and Engineering C, 2018, 89, 75-86.	3.8	11
72	Chloroquine diphosphate bearing dextran nanoparticles augmented drug delivery and overwhelmed drug resistance in Plasmodium falciparum parasites. International Journal of Biological Macromolecules, 2018, 114, 161-168.	3.6	26

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73	Role of gold and silver nanoparticles in cancer nano-medicine. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1210-1220.	1.9	216
74	Exploring the interplay between autoimmunity and cancer to find the target therapeutic hotspots. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 658-668.	1.9	15
75	Green synthesis of silver nanoparticles using Prosopis juliflora bark extract: reaction optimization, antimicrobial and catalytic activities. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 985-993.	1.9	102
76	Preclinical evaluation and molecular docking of 1,3-benzodioxole propargyl ether derivatives as novel inhibitor for combating the histone deacetylase enzyme in cancer. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1288-1299.	1.9	37
77	Mechanistic Interaction Study of Bromo-Noscapine with Bovine Serum Albumin employing Spectroscopic and Chemoinformatics Approaches. Scientific Reports, 2018, 8, 16964.	1.6	65
78	Identification of novel drug targets in bovine respiratory disease: an essential step in applying biotechnologic techniques to develop more effective therapeutic treatments. Drug Design, Development and Therapy, 2018, Volume 12, 1135-1146.	2.0	2
79	Armamentarium of nanoscaled lipid drug delivery systems customized for oral administration: In silico docking patronage, absorption phenomenon, preclinical status, clinical status and future prospects. Colloids and Surfaces B: Biointerfaces, 2018, 170, 637-647.	2.5	10
80	Review of Noscapine and its Analogues as Potential Anti-Cancer Drugs. Mini-Reviews in Organic Chemistry, 2018, 15, 345-363.	0.6	18
81	Implications of Metal Nanoparticles on Aquatic Fauna: A Review. Nanoscience and Nanotechnology - Asia, 2018, 9, 30-43.	0.3	7
82	Antibacterial and Pharmacological Evaluation of Fluoroquinolones: A Chemoinformatics Approach. Genomics and Informatics, 2018, 16, 44-51.	0.4	34
83	Microwave: An Important and Efficient Tool for the Synthesis of Biological Potent Organic Compounds. Current Medicinal Chemistry, 2018, 24, 4579-4595.	1.2	4
84	Stealth recombinant human serum albumin nanoparticles conjugating 5-fluorouracil augmented drug delivery and cytotoxicity in human colon cancer, HT-29 cells. Colloids and Surfaces B: Biointerfaces, 2017, 155, 200-208.	2.5	33
85	Noscapinoids bearing silver nanocrystals augmented drug delivery, cytotoxicity, apoptosis and cellular uptake in B16F1, mouse melanoma skin cancer cells. Biomedicine and Pharmacotherapy, 2017, 90, 906-913.	2.5	15
86	Degradation of anthropogenic pollutant and organic dyes by biosynthesized silver nano-catalyst from Cicer arietinum leaves. Journal of Photochemistry and Photobiology B: Biology, 2017, 174, 90-96.	1.7	50
87	Advances in preparation and characterization of chitosan nanoparticles for therapeutics. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 305-314.	1.9	85
88	Effect of size on biological properties of nanoparticles employed in gene delivery. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 83-91.	1.9	118
89	A Novel Peptide Thrombopoietin Mimetic Designing and Optimization Using Computational Approach. Frontiers in Bioengineering and Biotechnology, 2016, 4, 69.	2.0	16
90	Describing the Stem Cell Potency: The Various Methods of Functional Assessment and In silico Diagnostics. Frontiers in Cell and Developmental Biology, 2016, 4, 134.	1.8	58

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91	Soluble curcumin amalgamated chitosan microspheres augmented drug delivery and cytotoxicity in colon cancer cells: In vitro and in vivo study. Colloids and Surfaces B: Biointerfaces, 2016, 148, 674-683.	2.5	47
92	Vincristine sulfate loaded dextran microspheres amalgamated with thermosensitive gel offered sustained release and enhanced cytotoxicity in THP-1, human leukemia cells: In vitro and in vivo study. Materials Science and Engineering C, 2016, 61, 113-122.	3.8	17
93	RNA interference technology with emphasis on delivery vehiclesâ€"prospects and limitations. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 1391-1399.	1.9	7
94	Noscapine and its Analogs as Chemotherapeutic Agent: Current updates. Current Topics in Medicinal Chemistry, 2016, 17, 174-188.	1.0	31
95	Theoretical model to investigate the alkyl chain and anion dependent interactions of gemini surfactant with bovine serum albumin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 143, 319-323.	2.0	22
96	Novel ABA type gold copolymer nanoparticles: PNIPAAm-b-PU-b-PNIPAAm tri-block nanopolymer as reducing and stabilizing agent. AIP Conference Proceedings, 2012, , .	0.3	1
97	Improved transfection efficiency of chitosanâ€ÐDNA complexes employing reverse transfection. Journal of Applied Polymer Science, 2012, 124, 1771-1777.	1.3	9
98	Lewis Acidâ€Catalyzed Selective Synthesis of Diversely Substituted Indoloâ€•and Pyrrolo[1,2â€‹a]quinoxalines and Quinoxalinones by Modified Pictetâ€“Spengler Reaction. European Journal of Organic Chemistry, 2011, 2011, 6998-7010.	1.2	79
99	Phosphotungstic Acid: An Efficient Catalyst for the Aqueous Phase Synthesis of Bis-(4-hydroxycoumarin-3-yl)methanes. Catalysis Letters, 2010, 134, 303-308.	1.4	65
100	Copper Nanoparticles in Ionic Liquid: An Easy and Efficient Catalyst for Selective Carba-Michael Addition Reaction. Catalysis Letters, 2009, 127, 119-125.	1.4	39
101	An efficient synthesis of 1,5-benzadiazepine derivatives catalyzed by silver nitrate. Green Chemistry, 2006, 8, 519.	4.6	79
102	Polyethylene glycol as a non-ionic liquid solvent for Michael addition reaction of amines to conjugated alkenes. Green Chemistry, 2006, 8, 356.	4.6	114
103	Synthesis and antibacterial activity of substituted 1,2,3,4-tetrahydropyrazino [1,2-a] indoles. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 413-416.	1.0	66
104	Synthesis and antifungal activity of substituted-10-methyl-1,2,3,4-tetrahydropyrazino[1,2-a]indoles. Bioorganic and Medicinal Chemistry, 2006, 14, 2747-2752.	1.4	42
105	Highly efficient one-pot synthesis of 1-substituted-1,2,3,4-tetrahydropyrazino[1,2-a]indoles. Tetrahedron, 2005, 61, 9513-9518.	1.0	33
106	Effect of Metalloporphyrin on Blood chemistry. Biochemical Society Transactions, 1995, 23, 539S-539S.	1.6	0
107	Lead-Cobalt mesoporphyrin alters Hene regulatory enzymes. Biochemical Society Transactions, 1995, 23, 546S-546S.	1.6	0
108	Spectral and Thermal Studies on Some Novel Mononuclear Complexes of Manganese(II) and Chromium(III) with Nitrogen and Oxygen Donor Macrocyclic Ligands. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1993, 23, 229-238.	1.8	3

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109	Mononuclear Manganese(II) and Chromium(III) Complexes of Pentadentate Macrocyclic Ligands Derived from 2, 6-Diacetylpyridine. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1993, 23, 767-776.	1.8	3
110	Chemistry and Biology of Heme Effect of Metal Salts, Organometals, and Metalloporphyrins on Heme Synthesis and Catabolism, with Special Reference to Clinical Implications and Interactions with Cytochrome P-450. Drug Metabolism Reviews, 1993, 25, 49-152.	1.5	61
111	Mixed-Ligand Uranyl(VI) Complexes of Multidentate Hydrazones and Bidentate (N,Nâ€²) Chelating Ligands. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1993, 23, 257-267.	1.8	2
112	Synthesis and Characterization of Iron(III), Cobalt(II) and Nickel(II) Metal Complexes with TaHh-DAP and TaHh-TDA Hexadentate Macrocyclic Ligands. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1992, 22, 1195-1209.	1.8	3
113	Reaction of Titanium Tetrachloride with Nickel(II) Bischelates of Some Oximes. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1992, 22, 311-320.	1.8	1
114	Biliverdin reductase activity in relation to bilirubin. Biochemical Society Transactions, 1992, 20, 353S-353S.	1.6	0
115	Metal-metal interaction inhibits the NADP+-specific isocitrate dehydrogenase activity in rat brain. Biochemical Society Transactions, 1992, 20, 354S-354S.	1.6	1
116	Biochemical changes in liver function due to prolonged administration of Co-protoporphyrin. Biochemical Society Transactions, 1991, 19, 441S-441S.	1.6	0
117	MONITORING OF THE IN SITU THYMINE PHOTO-ADDUCT USING OV IRRADIATED DNA ANTIBODY F(ab)2 FRAGMENT. Biochemical Society Transactions, 1991, 19, 442S-442S.	1.6	10
118	Reaction of Titanium Tetrachloride with Cobalt(II) Bischelates of Some Oximes. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1991, 21, 1395-1406.	1.8	3
119	Coordination Chemistry of Alkali and Alkaline Earth Cations: X-Ray Structural Analysis of Calcium(Picrate)2(2,2â€²-Bipyridyl)2. Journal of Coordination Chemistry, 1990, 21, 167-174.	0.8	6
120	Uranyl(VI) Complexes of Pyridine-Based Pentadentate Acyclic and Macrocyclic Ligands. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 1990, 20, 645-659.	1.8	10
121	Hierarchical structure of molybdenum disulfide-reduced graphene oxide nanocomposite for the development of a highly efficient serotonin biosensing platform. New Journal of Chemistry, 0, , .	1.4	5
122	Successive oxidationâ€“condensation reactions using a multifunctional gold-supported nanocomposite (Au/MgCeâ€“HDO). New Journal of Chemistry, 0, , .	1.4	4
123	Bio-electrochemical inter-molecular impedance sensing (Bio-EI2S) at calcium-calmodulin interface induced at Au-electrode surface. Journal of Solid State Electrochemistry, 0, , 1.	1.2	1