

# Syed Ali Raza Naqvi

## List of Publications by Year in descending order

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108  
papers

1,514  
citations

394421

19  
h-index

395702

33  
g-index

112  
all docs

112  
docs citations

112  
times ranked

1949  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Ñ-conjugation spacer (CC) on the first hyperpolarizabilities of polymeric chain containing polyoxometalate cluster as a side-chain pendant: A DFT study. Computational and Theoretical Chemistry, 2012, 994, 34-40.	2.5	138
2	Fabrication and characterization of polysulfone/modified nanocarbon black composite antifouling ultrafiltration membranes. Journal of Membrane Science, 2018, 554, 71-82.	8.2	75
3	Synthetic applications and methodology development of Chan-Lam coupling: a review. Molecular Diversity, 2019, 23, 215-259.	3.9	74
4	Recent trends in ring opening of epoxides by amines as nucleophiles. Synthetic Communications, 2016, 46, 831-868.	2.1	65
5	Compositional difference in antioxidant and antibacterial activity of all parts of the Carica papaya using different solvents. Chemistry Central Journal, 2016, 10, 5.	2.6	54
6	Nucleophilic ring opening reactions of aziridines. Molecular Diversity, 2018, 22, 447-501.	3.9	53
7	Recent Advances in Antiviral Benzimidazole Derivatives: A Mini Review. Pharmaceutical Chemistry Journal, 2019, 53, 179-187.	0.8	52
8	Synthesis and biological evaluation of novel oxadiazole derivatives: A new class of thymidine phosphorylase inhibitors as potential anti-tumor agents. Bioorganic and Medicinal Chemistry, 2014, 22, 1008-1015.	3.0	51
9	Green Synthesis of Flower-Shaped Copper Oxide and Nickel Oxide Nanoparticles via Capparis decidua Leaf Extract for Synergic Adsorption-Photocatalytic Degradation of Pesticides. Catalysts, 2021, 11, 806.	3.5	43
10	Guanidine functionalized radiation induced grafted anion-exchange membranes for solid alkaline fuel cells. International Journal of Hydrogen Energy, 2015, 40, 786-796.	7.1	41
11	Identification of 1,2,4-triazoles as new thymidine phosphorylase inhibitors: Future anti-tumor drugs. Bioorganic Chemistry, 2019, 85, 209-220.	4.1	41
12	Sorption of chlorpyrifos onto zinc oxide nanoparticles impregnated Pea peels (Pisum sativum L): Equilibrium, kinetic and thermodynamic studies. Environmental Technology and Innovation, 2020, 17, 100516.	6.1	38
13	Antioxidant Activity and Volatile and Phenolic Profiles of Essential Oil and Different Extracts of Wild Mint ( <i>Mentha longifolia</i> ) from the Pakistani Flora. Journal of Analytical Methods in Chemistry, 2013, 2013, 1-6.	1.6	32
14	Synthesis of ciprofloxacin-based compounds: A review. Synthetic Communications, 2016, 46, 1849-1879.	2.1	31
15	Partitioning of structurally related thiophene derivatives between solvent and micellar media of anionic surfactant sodium dodecyl sulphate. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 512, 51-60.	4.7	29
16	Ciprofloxacin: from infection therapy to molecular imaging. Molecular Biology Reports, 2018, 45, 1457-1468.	2.3	28
17	Green and eco-friendly synthesis of Co <sub>3</sub> O <sub>4</sub> and Ag-Co <sub>3</sub> O <sub>4</sub> : Characterization and photo-catalytic activity. Green Processing and Synthesis, 2019, 8, 382-390.	3.4	28
18	Design and Synthesis of New Dual Binding Site Cholinesterase Inhibitors: in vitro Inhibition Studies with in silico Docking. Letters in Drug Design and Discovery, 2014, 11, 331-338.	0.7	23

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19	Synthesis, thymidine phosphorylase inhibition and molecular modeling studies of 1,3,4-oxadiazole-2-thione derivatives. <i>Bioorganic Chemistry</i> , 2015, 60, 37-41.	4.1	21
20	Recent progress in materials development and biological properties of GTR membranes for periodontal regeneration. <i>Chemical Biology and Drug Design</i> , 2021, 98, 1007-1024.	3.2	21
21	Zwitterionic analog structured ultrafiltration membranes for high permeate flux and improved anti-fouling performance. <i>Journal of Membrane Science</i> , 2022, 643, 120060.	8.2	21
22	Recent trends in ring opening of epoxides with sulfur nucleophiles. <i>Molecular Diversity</i> , 2018, 22, 191-205.	3.9	20
23	Microwave-assisted solvent free efficient synthesis of 1,3,4-oxadiazole-2(3H)-thiones and their potent in vitro urease inhibition activity. <i>European Journal of Chemistry</i> , 2012, 3, 143-146.	0.6	19
24	Synthetic strategies toward the synthesis of enoxacin-, levofloxacin-, and gatifloxacin-based compounds: A review. <i>Synthetic Communications</i> , 2017, 47, 1021-1039.	2.1	18
25	Fluoroquinolones as imaging agents for bacterial infection. <i>Dalton Transactions</i> , 2017, 46, 14452-14460.	3.3	18
26	Insertion of a Lysosomal Enzyme Cleavage Site into the Sequence of a Radiolabeled Neuropeptide Influences Cell Trafficking In Vitro and In Vivo. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2010, 25, 89-95.	1.0	17
27	Synthesis, in vitro lipoxygenase inhibition, docking study and thermal stability analyses of novel indole derivatives. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 369-378.	2.2	17
28	Hybrid nanomaterials for water purification. , 2020, , 155-188.		15
29	Synthetic approaches toward the reserpine. <i>Synthetic Communications</i> , 2018, 48, 1128-1147.	2.1	14
30	225Ac Prostate-Specific Membrane Antigen Posttherapy $\pm$ Imaging. <i>Clinical Nuclear Medicine</i> , 2019, 44, 401-403.	1.3	14
31	Antihypertensive and Antihyperlipidemic Activity of Aqueous Methanolic Extract of <i>Rauwolfia Serpentina</i> in Albino Rats. Dose-Response, 2020, 18, 155932582094207.	1.6	14
32	Synthetic strategies toward the synthesis of polyphenolic natural products: Pauciflorol F and isopauciflorol F: A review. <i>Synthetic Communications</i> , 2017, 47, 1121-1135.	2.1	13
33	Biosurfactants production potential of native strains of <i>Bacillus cereus</i> and their antimicrobial, cytotoxic and antioxidant activities. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018, 31, 251-256.	0.2	13
34	Antioxidants: Natural Antibiotics. , 0, , .		12
35	Antimicrobial and Antihypercholesterolemic Activities of <i>Pulicaria gnaphalodes</i> . Dose-Response, 2020, 18, 155932582090485.	1.6	12
36	<i>Helianthus annuus</i> assisted green synthesis of $\text{Co}_3\text{O}_4$ and $\text{Ag}_3\text{Co}_3\text{O}_4$ and evaluation of their catalytic activities toward photodegradation of crystal violet dye. <i>Environmental Progress and Sustainable Energy</i> , 2021, 40, e13591.	2.3	12

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37	Phytochemical Analysis, Antioxidant and Antimicrobial Screening of <i>Seriphidium Oliverianum</i> Plant Extracts. Dose-Response, 2021, 19, 155932582110047.	1.6	12
38	Magneto-Priming Improved Nutraceutical Potential and Antimicrobial Activity of <i>Momordica charantia</i> L. Without Affecting Nutritive Value. Applied Biochemistry and Biotechnology, 2019, 188, 878-892.	2.9	11
39	Antioxidant, Antibacterial, and Anticancer Activities of Bitter Gourd Fruit Extracts at Three Different Cultivation Stages. Journal of Chemistry, 2020, 2020, 1-10.	1.9	11
40	Electrodeposition-assisted formation of anodized TiO <sub>2</sub> /CuO heterojunctions for solar water splitting. Applied Nanoscience (Switzerland), 2021, 11, 79-90.	3.1	11
41	<sup>99m</sup> Tc-labeled antibiotics for infection diagnosis: Mechanism, action, and progress. Chemical Biology and Drug Design, 2022, 99, 56-74.	3.2	11
42	Synthetic approaches towards the synthesis of beta-blockers (betaxolol, metoprolol, sotalol, and) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50	1.2	10
43	<sup>177</sup> Lu-5-Fluorouracil a potential theranostic radiopharmaceutical: radiosynthesis, quality control, biodistribution, and scintigraphy. Journal of Labelled Compounds and Radiopharmaceuticals, 2016, 59, 398-403.	1.0	10
44	Volumetric and Acoustic Behavior of Sodium Cyclamate in Aqueous System from 293.15ÅK to 318.15ÅK. Journal of Solution Chemistry, 2016, 45, 1009-1020.	1.2	10
45	Antioxidant, antimicrobial and antiproliferative activities of peel and pulp extracts of red and white varieties of <i>Ipomoea batatas</i> (L) Lam. Tropical Journal of Pharmaceutical Research, 2017, 16, 2221.	0.3	10
46	Synthesis and Antimicrobial Activity of 2-Aryl-4H-3,1-benzoxazin-4-ones. Asian Journal of Chemistry, 2013, 25, 152-156.	0.3	9
47	Recent advances in thymidine phosphorylase inhibitors: syntheses and prospective medicinal applications. Turkish Journal of Chemistry, 2017, 41, 1-28.	1.2	9
48	Fabrication of Guided Tissue Regeneration Membrane Using Lignin-Mediated ZnO Nanoparticles in Biopolymer Matrix for Antimicrobial Activity. Frontiers in Chemistry, 2022, 10, 837858.	3.6	9
49	Phenolic acid content, antioxidant properties, and antibacterial potential of flowers and fruits from selected Pakistani indigenous medicinal plants. ScienceAsia, 2013, 39, 340.	0.5	8
50	Theoretical study of the substituent effect on the hydrogen atom transfer mechanism of the irigenin derivatives antioxidant action. Journal of Theoretical and Computational Chemistry, 2014, 13, 1450010.	1.8	8
51	<sup>99m</sup> Tc-tazobactam, a novel infection imaging agent: Radiosynthesis, quality control, biodistribution, and infection imaging studies. Journal of Labelled Compounds and Radiopharmaceuticals, 2017, 60, 242-249.	1.0	8
52	Technetium-99m-Labeled Sulfadiazine: a Targeting Radiopharmaceutical for Scintigraphic Imaging of Infectious Foci Due To <i>Escherichia coli</i> in Mouse and Rabbit Models. Applied Biochemistry and Biotechnology, 2017, 183, 374-384.	2.9	8
53	SYNTHESIS, QUALITY CONTROL AND BIODISTRIBUTION OF TECHNEIUM-99M TRIAMCINOLONE ACETONIDE ( <sup>99m</sup> Tc-TA) COMPLEX: AN INFLAMMATION TRACER AGENT. Journal of the Chilean Chemical Society, 2017, 62, 3345-3349.	1.2	8
54	Antioxidant and antibacterial evaluation of honey bee hive extracts using in vitro models. Mediterranean Journal of Nutrition and Metabolism, 2013, 6, 247-253.	0.5	7

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55	Synthesis of lamivudine (3TC) and its derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 989-1001.	1.6	7
56	<sup>177</sup> Lu-DOTA-coupled minigastrin peptides: promising theranostic agents in neuroendocrine cancers. Molecular Biology Reports, 2018, 45, 1759-1767.	2.3	7
57	Technetium- <sup>99m</sup> radiolabeling and biological study of epirubicin for in vivo imaging of multi-drug-resistant <i>Staphylococcus aureus</i> infections via single photon emission computed tomography. Chemical Biology and Drug Design, 2019, 93, 154-162.	3.2	7
58	5-Endo-dig cyclizations in organic syntheses. Molecular Diversity, 2020, 24, 295-317.	3.9	7
59	Alpha therapy with <sup>225</sup> Actinium labeled prostate specific membrane antigen: Reporting new photopeak of 78 kilo-electron volts for better image statistics. Indian Journal of Nuclear Medicine, 2019, 34, 76.	0.3	7
60	Post interferon therapy decreases male fertility through gonadotoxic effect. Pakistan Journal of Pharmaceutical Sciences, 2018, 31, 1565-1570.	0.2	7
61	Surface functionalization of solid state ultra-high molecular weight polyethylene through chemical grafting. Applied Surface Science, 2015, 359, 593-601.	6.1	6
62	Susceptibility of <sup>99m</sup> Tc-Ciprofloxacin for Common Infection Causing Bacterial Strains Isolated from Clinical Samples: an In Vitro and In Vivo Study. Applied Biochemistry and Biotechnology, 2019, 188, 424-435.	2.9	6
63	Design and syntheses of 7-nitro-2-aryl-4H-benzo[d][1,3]oxazin-4-ones as potent anticancer and antioxidant agents. Journal of Molecular Structure, 2020, 1214, 128252.	3.6	6
64	Antioxidant, antibacterial and antiproliferative activities of pumpkin (cucurbit) peel and puree extracts - an in vitro study. Pakistan Journal of Pharmaceutical Sciences, 2017, 30, 1327-1334.	0.2	6
65	Anti-inflammatory, anti-infectious and anti-cancer potential of marine algae and sponge: A review. European Journal of Inflammation, 2022, 20, 205873922210755.	0.5	6
66	Radiopeptide internalisation and externalisation assays: Cell viability and radioligand integrity. Applied Radiation and Isotopes, 2011, 69, 68-74.	1.5	5
67	Antioxidant and antibacterial evaluation of honey bee hive extracts using in vitro models. Mediterranean Journal of Nutrition and Metabolism, 2013, 6, 247-253.	0.5	5
68	Synthesis of 2-Aryl-4H-3,1-Benzoxazin-4-ones: A Class of $\alpha$ -Chymotrypsin Inhibitors. Asian Journal of Chemistry, 2014, 26, 4561-4565.	0.3	5
69	Radiosynthesis and preclinical studies of <sup>177</sup> Lu-labeled sulfadiazine: a possible theranostic agent for deep-seated bacterial infection. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 1023-1029.	1.5	5
70	Radiosynthesis and Biodistribution of <sup>99m</sup> Tc-Metronidazole as an Escherichia coli Infection Imaging Radiopharmaceutical. Applied Biochemistry and Biotechnology, 2018, 185, 127-139.	2.9	5
71	Technetium- <sup>99m</sup> labeled Ibuprofen: Development and biological evaluation using sterile inflammation induced animal models. Molecular Biology Reports, 2019, 46, 3093-3100.	2.3	5
72	Synthetic strategies of pyran derivatives by multicomponent reaction (MCR) approach. Journal of the Iranian Chemical Society, 2022, 19, 3721-3768.	2.2	5

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73	Synthesis, modeling studies and evaluation of E-stilbene hydrazides as potent anticancer agents. Journal of Molecular Structure, 2019, 1197, 271-281.	3.6	4
74	Dose-Dependent Internalization and Externalization Integrity Study of Newly Synthesized <sup>99m</sup> Tc-Thymoquinone Radiopharmaceutical as Cancer Theranostic Agent. Dose-Response, 2020, 18, 155932582091418.	1.6	4
75	Detection of Paracetamol as substrate of the gut microbiome. Pakistan Journal of Pharmaceutical Sciences, 2019, 32, 751-757.	0.2	4
76	Antioxidant, Antibacterial and Antiproliferative Activities of Areal Parts of Swertia chirata (Bush) Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 62	0.3	3
77	Update on the Reactivity of Saccharin: An Excellent Precursor for the Synthesis of Biologically Important Molecules. Heterocycles, 2017, 94, 1389.	0.7	3
78	Metal oxide-based ternary nanocomposites for wastewater treatment. , 2021, , 135-158.		3
79	Localization Mechanisms of Radiopharmaceuticals. , 0, , .		3
80	Synthesis, Biological Evaluation and Study of the Effect of Various N-Substituents on the Thermal Stabilities of Some New Diethanolamine Derivatives. Asian Journal of Chemistry, 2013, 25, 7297-7304.	0.3	2
81	Synthesis of Novel Symmetric Porphyrin Schiff Base Dimers by Solidâ€“Liquid Reaction Methodology. Journal of Heterocyclic Chemistry, 2019, 56, 1520-1529.	2.6	2
82	Synthesis, evaluation of thymidine phosphorylase and angiogenic inhibitory potential of ciprofloxacin analogues: Repositioning of ciprofloxacin from antibiotic to future anticancer drugs. Bioorganic Chemistry, 2020, 100, 103876.	4.1	2
83	Potential role of probiotic species in ameliorating oxidative stress, effect on liver profile and hormones in male albino rat model. European Journal of Inflammation, 2021, 19, 205873922110161.	0.5	2
84	Green approaches for the extraction of bioactive from natural sources for pharmaceutical applications. , 2021, , 269-291.		2
85	Assessing of oxidative stress related parameters in diabetes mellitus type 2: cause excessive damaging to DNA and enhanced homocysteine in diabetic patients. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 483-91.	0.2	2
86	Calotropis procera (root) escalates functions rehabilitation and attenuates oxidative stress in a mouse model of peripheral nerve injury. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 2801-2807.	0.2	2
87	Synthetic potential of ring expansions of 5-membered carbo- & heterocycles: A review. Synthetic Communications, 2022, 52, 949-973.	2.1	2
88	Leaching of Copper Secondary Wastes: Possible Soil Contaminants. Asian Journal of Chemistry, 2013, 25, 4051-4054.	0.3	1
89	HPLC Determination of Aflatoxins in Wheat Grains Collected from Central Areas of the Punjab, Pakistan. Asian Journal of Chemistry, 2013, 25, 7463-7466.	0.3	1
90	<sup>177</sup> Lu-DOTATATE Peptide Receptor Radionuclide Therapy: Indigenously Developed Freeze Dried Cold Kit and Biological Response in In-Vitro and In-Vivo Models. Dose-Response, 2021, 19, 155932582199014.	1.6	1

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91	Development of <sup>99m</sup> Tc-SDP-choline SPECT radiopharmaceutical for imaging of cerebrovascular diseases. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 241-244.	0.2	1
92	Optimization of radiation exposure in <sup>18</sup> F-sodium fluoride positron emission tomography-computed tomography in bone imaging: Quo vadis. Indian Journal of Nuclear Medicine, 2019, 34, 157.	0.3	1
93	Current Trends of Phytoremediation in Wetlands: Mechanisms and Applications. , 2020, , 747-765.		1
94	Purification and modification of Cordia myxa gum to enhance its nutraceutical attribute as binding agent. Pakistan Journal of Pharmaceutical Sciences, 2019, 32, 2245-2250.	0.2	1
95	Development of <sup>99m</sup> Tc-SDP-choline SPECT radiopharmaceutical for imaging of cerebrovascular diseases. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 241-244.	0.2	1
96	Nanotechnology: A smart translation of ingredients in the agriculture industry. , 2021, , 47-65.		0
97	Single-Photon Emission Computed Tomography (SPECT) Radiopharmaceuticals. , 0, , .		0
98	Fabrication and characterization of Fe <sub>2</sub> O <sub>3</sub> , Bi <sub>2</sub> O <sub>3</sub> and BiFeO <sub>3</sub> and evaluation of their photo catalytic performances on degradation of methylene blue dye. Zeitschrift Fur Physikalische Chemie, 2021, .	2.8	0
99	Designing and molecular docking of cyclic peptides against HCV NS3 protease. Pakistan Journal of Pharmaceutical Sciences, 2017, 30, 1965-1969.	0.2	0
100	Radiolabeling of benzylpenicillin with lutetium-177: Quality control and biodistribution study to develop theranostic infection imaging agent. Pakistan Journal of Pharmaceutical Sciences, 2017, 30, 2349-2354.	0.2	0
101	Evaluation of <sup>99m</sup> Tc-sulfadiazine as Bacillus microorganisms infection imaging agent using animal model. Pakistan Journal of Pharmaceutical Sciences, 2018, 31, 1495-1499.	0.2	0
102	Enzymatic degradation study of <sup>111</sup> In-labeled minigastrin peptides using cathepsin B enzyme and AR42J cancer cell line for the development of neuroendocrine tumor imaging radiopharmaceuticals. Pakistan Journal of Pharmaceutical Sciences, 2018, 31, 2585-2589.	0.2	0
103	Synthesis, spectral analysis and biological evaluation of 2-[[[(morpholin-4-yl)ethyl]thio]-5-phenyl/aryl-1,3,4-oxadiazole derivatives. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 441-446.	0.2	0
104	Potential protective role of curcumin powder to regulate arsenic-induced hepatorenal toxicity and hyperlipidemic metabolic dysfunction in rat model. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 1535-1540.	0.2	0
105	Facile green approach towards the synthesis of some phenyl piperazine based dithiocarbamates as potent hemolytic and thrombolytic agents. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 1885-1890.	0.2	0
106	Antioxidant, antibacterial and antifungal potential study of Salvia macrosiphon Boiss. stem extracts. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 1903-1907.	0.2	0
107	Therapeutic potential of quinoa seed extract as regenerative and hepatoprotective agent in induced liver injury wistar rat model.. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 2309-2315.	0.2	0
108	A randomized controlled trial on albino rats treated with chicory plant to improve liver efficiency.. Pakistan Journal of Pharmaceutical Sciences, 2022, 35, 247-252.	0.2	0