

# Rafia Azmat

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

121  
citations

1478505

6  
h-index

1474206

9  
g-index

35  
all docs

35  
docs citations

35  
times ranked

104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics and Mechanism Study of Chemical Treatment of Methylene Green by Urea. Chinese Journal of Chemistry, 2010, 28, 748-754.	4.9	18
2	Aerobic Oxidation of D-Glucose by Methylene Green in Alkaline Aqueous Solution by Visible Spectrophotometry. Journal of Applied Sciences, 2006, 6, 2784-2788.	0.3	16
3	Reduction of Methylene Green by EDTA: Kinetic and Thermodynamic Aspects. Chinese Journal of Chemistry, 2008, 26, 631-634.	4.9	10
4	The remediation of drought stress under VAM inoculation through proline chemical transformation action. Journal of Photochemistry and Photobiology B: Biology, 2019, 193, 155-161.	3.8	9
5	Remediation of Cu metal-induced accelerated Fenton reaction by potato peels bio-sorbent. Environmental Monitoring and Assessment, 2016, 188, 674.	2.7	7
6	The Development of a Green Innovative Bioactive Film for Industrial Application as a New Emerging Technology to Protect the Quality of Fruits. Molecules, 2022, 27, 486.	3.8	7
7	Reduction Kinetics of Thionine in Aerobic Condition with $\alpha$ -Galactose. Chinese Journal of Chemistry, 2009, 27, 1232-1236.	4.9	6
8	Photo Decoloration of Methylene Blue with Ribose under Optimum Conditions by Visible Radiation. Chinese Journal of Chemistry, 2009, 27, 1237-1243.	4.9	5
9	Advanced catalytic oxidation process based on a Ti-permanganate (Mn/Ti-H <sup>+</sup> ) reaction for the treatment of dye wastewater. RSC Advances, 2019, 9, 37562-37572.	3.6	5
10	An Important Role of Carotenoids in Protection of Photosynthetic Apparatus under VAM Inoculation on Momordica charantia. Current Pharmaceutical Biotechnology, 2014, 14, 829-834.	1.6	5
11	The insects as an assessment tool of ecotoxicology associated with metal toxic plants. Chemosphere, 2018, 197, 703-708.	8.2	4
12	$\alpha$ -Hydroxyquinoline- $\beta$ -Methionine Mixed Ligands Metal Complexes: Preparation and Their Antioxidant Activity. ChemistrySelect, 2019, 4, 3058-3061.	1.5	4
13	Extraction of diverse polyphenols in relation with storage periods of Citrus paradisi CV. Shamber through HPLC-DAD technique using different solvent. Journal of Food Science and Technology, 2019, 56, 384-390.	2.8	4
14	Pharmacological studies of Adhatoda vasica and Calotropis procera as resource of bio-active compounds for various diseases. Pakistan Journal of Pharmaceutical Sciences, 2018, 31, 1975-1983.	0.2	3
15	Pre-oxidative catalytic treatment of toluidine blue with potassium permanganate in acidic solution. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2011, 6, 84-90.	0.4	2
16	Spectrokinetics study of probable effects of diverse inorganic ions on bleaching of dye. Frontiers of Chemical Science and Engineering, 2011, 5, 131-138.	4.4	2
17	Kinetics of Reduction of Thionine with Ribose and the Structural Properties of the Dye at Different pH Using DFT Method. Chinese Journal of Chemistry, 2011, 29, 643-649.	4.9	2
18	The Effective Role of Mycorrhizal Symbiosis in Sinking CO <sub>2</sub> from Atmosphere of Mega Cities. Recent Patents on Biotechnology, 2015, 9, 63-74.	0.8	2

#	ARTICLE	IF	CITATIONS
19	The monitoring of Cu contaminated water through potato peel charcoal and impact on enzymatic functions of plants. Journal of Environmental Management, 2017, 203, 98-105.	7.8	2
20	New Prospective for Enhancement in Bioenergy Resources Through Fungal Engineering. Recent Patents on Biotechnology, 2017, 12, 65-76.	0.8	2
21	A new approach for reduction of methylene green with ascorbic acid by de-oxygenation through carbon dioxide. Natural Science, 2011, 03, 566-572.	0.4	2
22	<i>Adhatoda vasica</i> and <i>Calotropis procera</i> as a resource of novel chemical compounds, their biological bioluminescence assay, and investigation of morphological features of bacterial growth through advanced technologies. Microscopy Research and Technique, 2022, 85, 1757-1767.	2.2	2
23	<i>Glomus fasciculatum</i> Fungi as a Bio-convertor and Bio-activator of Inorganic and Organic P in Dual Symbiosis. Recent Patents on Biotechnology, 2016, 9, 130-138.	0.8	1
24	Advanced oxidation of acridine orange by aqueous alkaline iodine. Pakistan Journal of Pharmaceutical Sciences, 2016, 29, 2089-2098.	0.2	1
25	Thionine sensitized aerobic photooxidation of thiourea in acidic medium. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2011, 6, 120-126.	0.4	0
26	Monitoring Seasonal Variation in Important Physio-Chemical Parameters of Arabian Seawater at Karachi Used for Feeding SWRO. Asian Journal of Chemistry, 2020, 32, 2165-2172.	0.3	0
27	An Innovative Method Through Fungal Engineering for Recycling of CO <sub>2</sub> into Biomass. , 2019, , 239-269.		0
28	Marine green algae <i>Codium iyengarii</i> as a good bio-sorbent for elimination of reactive black 5 from aqueous solution. Pakistan Journal of Pharmaceutical Sciences, 2014, 27, 1443-9.	0.2	0
29	A plausible mechanism of biosorption in dual symbioses by vesicular-arbuscular mycorrhizal in plants. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 541-6.	0.2	0
30	The effective role of mycorrhizal symbiosis in sinking CO <sub>2</sub> from atmosphere of mega cities. Recent Patents on Biotechnology, 2015, , .	0.8	0
31	The effective role of mycorrhizal symbiosis in sinking CO <sub>2</sub> from atmosphere of mega cities. Recent Patents on Biotechnology, 2015, 9, 63-74.	0.8	0
32	Heterochelates of metals as an effective anti - Urease agents couple with their docking studies. Pakistan Journal of Pharmaceutical Sciences, 2019, 32, 1179-1183.	0.2	0
33	REPORT-The preparation of TiO <sub>2</sub> nanoparticles through hydrothermal phase transformation and its activity in water chemistry. Pakistan Journal of Pharmaceutical Sciences, 2020, 33, 2687-2696.	0.2	0
34	REPORT: IR study of degradation of acetaminophen by iron nano-structured catalyst. Pakistan Journal of Pharmaceutical Sciences, 2021, 34, 171-175.	0.2	0