Abdul Naeem

List of Publications by Year
in descending order

73 papers	2,463 citations	304743 22 h-index	214800 47 g-index
73 all docs	73 docs citations	73 times ranked	3482 citing authors

#	Article	IF	Citations
1	Synthesis of chitosan composite of metal-organic framework for the adsorption of dyes; kinetic and thermodynamic approach. Journal of Hazardous Materials, 2022, 427, 127902.	12.4	103
2	Biodiesel production from wild olive oil using TPA decorated Crâ€“Al acid heterogeneous catalyst. Chemical Engineering Research and Design, 2022, 178, 540-549.	5.6	11
3	Biodiesel production from waste cooking oil employing natural bentonite supported heterogeneous catalyst: Waste to biodiesel. Korean Journal of Chemical Engineering, 2022, 39, 1450-1459.	2.7	7
4	Biodiesel production by valorizing waste non-edible wild olive oil using heterogeneous base catalyst: Process optimization and cost estimation. Fuel, 2022, 320, 123828.	6.4	17
5	Development of zerovalent iron and titania (Fe0/TiO2) composite for oxidative degradation of dichlorophene in aqueous solution: synergistic role of peroxymonosulfate (HSO5â¯). Environmental Science and Pollution Research, 2022, 29, 63041-63056.	5.3	11
6	Utilization of indigenous gurgure (Monotheca Buxifolia) waste seeds as a potential feedstock for biodiesel production using environmentally benign bismuth modified CaO catalyst. Chemical Engineering Research and Design, 2022, 183, 67-76.	5.6	3
7	Fixedâ€bed column adsorption of methyl orange by poly(vinyl pyrrolidone)â€functionalized manganese oxide. Journal of Chemical Technology and Biotechnology, 2022, 97, 2898-2903.	3.2	2
8	Investigation of HDTMA mediated sol gel synthesis of N-doped SnO₂ nanoparticles: studies of their electrical and optical properties. Materials Technology, 2021, 36, 169-178.	3.0	7
9	Kinetic studies of graphene oxide towards the removal of rhodamine B and congo red. International Journal of Environmental Analytical Chemistry, 2021, 101, 1258-1272.	3.3	9
10	Reusable Na-SiO2@CeO2catalyst for efficient biodiesel production from non-edible wild olive oil as a new and potential feedstock. Energy Conversion and Management, 2021, 231, 113854.	9.2	36
11	Structural Characteristics and Environmental Applications of Covalent Organic Frameworks. Energies, 2021, 14, 2267.	3.1	24
12	Kinetic and optimization study of sustainable biodiesel production from waste cooking oil using novel heterogeneous solid base catalyst. Bioresource Technology, 2021, 328, 124831.	9.6	50
13	Reporting the magnetic profile of cobalt ferrite nanoparticles at different temperatures. International Journal of Materials Research, 2021, 112, 391-396.	0.3	2
14	Kinetic and thermodynamic studies of polyvinyl chloride composite of manganese oxide nanosheets for the efficient removal of dye from water. Water Science and Technology, 2021, 84, 851-864.	2.5	7
15	A Comparative Study for the Effect of Calcination on the Temperature-Dependant Magnetic Properties of Cobalt Ferrite Nanoparticles. Journal of Superhard Materials, 2021, 43, 278-284.	1.2	0
16	Computational Simulation of Conjugated Cholera Toxin Protein. Molecular Genetics, Microbiology and Virology, 2021, 36, S13-S22.	0.3	1
17	Evaluation of chromium phytoremediation potential of some plant species of Dir Lower, Khyber Pakhtunkhwa, Pakistan. Acta Ecologica Sinica, 2020, 40, 158-165.	1.9	45
18	Structure, nomenclature and viable synthesis of micro/nanoscale metal organic frameworks and their remarkable applications in adsorption of organic pollutants. Microchemical Journal, 2020, 159, 105579.	4.5	51

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19	Thermodynamic Study of Adsorption of Methyl Orange and Congo Red from Aqueous Solutions by PVP-Functionalized ZnO. Russian Journal of Physical Chemistry A, 2020, 94, 1581-1586.	0.6	6
20	Graphene/Metal Oxide Nanocomposite Usage as Photoanode in Dye-Sensitized and Perovskite Solar Cells. , 2020, , .		2
21	Catalytic conversion of spent frying oil into biodiesel over raw and 12-tungsto-phosphoric acid modified clay. Renewable Energy, 2020, 155, 181-188.	8.9	24
22	CO2 Conversion to Methanol over Novel Carbon Nanofiber-Based Cu/ZrO2 Catalystsâ€"A Kinetics Study. Catalysts, 2020, 10, 567.	3.5	17
23	Adsorption potential of macroporous Amberlyst-15 for Cd(II) removal from aqueous solutions. Materials Research Express, 2020, 7, 025509.	1.6	7
24	Nickel phytoremediation potential of some plant species of the Lower Dir, Khyber Pakhtunkhwa, Pakistan. Limnological Review, 2020, 20, 13-22.	0.5	23
25	A Novel Insight into the Adsorption Interactions of Arsenate with a Feâ€"Si Binary Oxide. Colloid Journal, 2019, 81, 469-477.	1.3	5
26	TiO2 nanotubes doped poly(vinylidene fluoride) polymer membranes (PVDF/TNT) for efficient photocatalytic degradation of brilliant green dye. Journal of Environmental Chemical Engineering, 2019, 7, 103291.	6.7	49
27	A green route for biodiesel production from waste cooking oil over base heterogeneous catalyst. International Journal of Energy Research, 2019, 43, 5438-5446.	4.5	23
28	Mangosteen peel waste as a sustainable precursor for high surface area mesoporous activated carbon: Characterization and application for methylene blue removal. Journal of Cleaner Production, 2019, 211, 1190-1200.	9.3	165
29	A novel iron modified montmorillonite composite and its enhanced performance for tetracycline hydrochloride adsorption. Functional Materials Letters, 2019, 12, 1950014.	1.2	5
30	Detailed kinetics study of arsenate adsorption by a sequentially precipitated binary oxide of iron and silicon. Environmental Technology (United Kingdom), 2019, 40, 261-269.	2.2	18
31	Biodiesel production from date seed oil (Phoenix dactylifera L.) via egg shell derived heterogeneous catalyst. Chemical Engineering Research and Design, 2018, 132, 644-651.	5.6	66
32	High surface area mesoporous activated carbon-alginate beads for efficient removal of methylene blue. International Journal of Biological Macromolecules, 2018, 107, 1792-1799.	7.5	190
33	Zika Virus, Microcephaly and its Possible Global Spread. , 2018, , .		3
34	Structural, dielectric and magnetic studies of cobalt ferrite nanoparticles for selected annealing temperatures. Journal of Materials Science: Materials in Electronics, 2018, 29, 20783-20789.	2.2	10
35	ADSORPTION OF As(III) FROM AQUEOUS SOLUTION ONTO IRON IMPREGNATED USED TEA ACTIVATED CARBON: EQUILIBRIUM, KINETIC AND THERMODYNAMIC STUDY. Journal of the Chilean Chemical Society, 2018, 63, 3855-3866.	1.2	29
36	Dielectric and ferroelectric properties of the solâ€gelâ€"derived Zrâ€doped Ba_{0.7}Sr_{0.3}TiO₃ polycrystalline ceramic systems. International Journal of Applied Ceramic Technology, 2017, 14, 604-610.	2.1	6

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37	Heterogeneous Fenton degradation of organic dyes in batch and fixed bed using La-Fe montmorillonite as catalyst. Journal of Colloid and Interface Science, 2017, 490, 859-868.	9.4	97
38	The New High Resolution Crystal Structure of NS2B-NS3 Protease of Zika Virus. Viruses, 2017, 9, 7.	3.3	14
39	Bioactive Thiazine and Benzothiazine Derivatives: Green Synthesis Methods and Their Medicinal Importance. Molecules, 2016, 21, 1054.	3.8	66
40	The Current Case of Quinolones: Synthetic Approaches and Antibacterial Activity. Molecules, 2016, 21, 268.	3.8	149
41	Effect of (Ca0.8Sr0.2)0.6La0.267TiO3 on Phase, Microstructure, and Microwave Dielectric Properties of Mg0.95Zn0.05TiO3 Synthesized by Polymeric Precursor Method. Journal of Electronic Materials, 2016, 45, 4108-4116.	2.2	2
42	Effect of La substitution on the microstructure and dielectric properties of the solâ€“gel derived BaZr0.2Ti0.8O3 thin films. Thin Solid Films, 2016, 611, 68-73.	1.8	5
43	Efficient Polysulfide Chemisorption in Covalent Organic Frameworks for Highâ€Performance Lithiumâ€Sulfur Batteries. Advanced Energy Materials, 2016, 6, 1601250.	19.5	231
44	Mnâ€Doped Ba_{0.45}Sr_{0.55}TiO₃ Ceramic Systems: Dielectric and Impedance Spectroscopic Characterization. International Journal of Applied Ceramic Technology, 2016, 13, 1084-1089.	2.1	2
45	Synthesis, kinetic analysis and electrical characterization of (Ca0.8Sr0.2)0.6La0.267TiO3 by polymeric precursor method. Journal of Alloys and Compounds, 2016, 672, 298-306.	5.5	5
46	Microwave dielectric properties of Mg0.95Co0.05TiO3â€“(Ca0.8Sr0.2)0.6La0.267TiO3 ceramics synthesized by polymeric precursor method. Journal of Materials Science: Materials in Electronics, 2016, 27, 3506-3513.	2.2	2
47	Effect of different metal oxides on the catalytic activity of Î³-Al₂O₃â€“MgO supported bifunctional heterogeneous catalyst in biodiesel production from WCO. RSC Advances, 2016, 6, 872-881.	3.6	31
48	Adsorption of Ni(II) ions from aqueous solution onto a fungusPleurotus ostreatus. Desalination and Water Treatment, 2016, 57, 7209-7218.	1.0	9
49	Dielectric and impedance spectroscopic studies on (Ba0.5Sr0.5)Mnx(Ti0.95Fe0.05)1â^'xO3 ceramics synthesized by using solâ€“gel method. Journal of Alloys and Compounds, 2015, 645, 290-296.	5.5	16
50	Synthesis, characterization and dielectric properties of Ba1â^'x La x Ti1â^'x/4O3 powders and ceramics synthesized by solâ€“gel method. Journal of Materials Science: Materials in Electronics, 2015, 26, 5635-5644.	2.2	4
51	Kinetic analysis on the synthesis of Mg0.95Zn0.05TiO3 microwave dielectric ceramic by polymeric precursor method. Ceramics International, 2015, 41, 15089-15096.	4.8	12
52	Impedance spectroscopic characterization of the solâ€“gel derived tetragonal BaTiO3 in a broad temperature range. Journal of Materials Science: Materials in Electronics, 2015, 26, 10172-10178.	2.2	2
53	A spectroscopic and Monte Carlo study of the unexpected promotion of interfacial H4SiO4 polymerization on an iron oxide in the presence of arsenate. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 486, 69-77.	4.7	3
54	Biodiesel production from low FFA waste cooking oil using heterogeneous catalyst derived from chicken bones. Renewable Energy, 2015, 76, 362-368.	8.9	274

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55	Selective Sorption of Chromium from Tannery Wastes by Hybrid Cation Exchange Resin. Asian Journal of Chemistry, 2014, 26, 4351-4355.	0.3	2
56	Comparison of Different Methods for the Point of Zero Charge Determination of NiO. Industrial & Engineering Chemistry Research, 2011, 50, 10017-10023.	3.7	338
57	Co-Ion Effect on Cr3+ Sorption by Amberlyst-15(H+). Water, Air, and Soil Pollution, 2011, 217, 57-65.	2.4	5
58	Surface properties and sub-surface aggregate assimilation of rhamnolipid surfactants in different aqueous systems. Biotechnology Letters, 2010, 32, 811-816.	2.2	36
59	Kinetics of Chromium Ion Removal from Tannery Wastes Using Amberlite IRA-400 Clâ^' and its Hybrids. Water, Air, and Soil Pollution, 2010, 210, 43-50.	2.4	26
60	Effect of Temperature on Cd²⁺ Sorption by Mixed Oxides of Iron and Silicon. Chinese Journal of Chemistry, 2010, 28, 2204-2208.	4.9	4
61	High-k Polymer Nanocomposites for Energy Storage Applications. , 0, , .		7
62	Bifunctional Heterogeneous Catalysts for Biodiesel Production using Low Cost Feedstocks: A Future Perspective. , 0, , .		18
63	Preparation of Nano-Particles and Their Applications in Adsorption. , 0, , .		3
64	Organic Inorganic Perovskites: A Low-Cost-Efficient Photovoltaic Material. , 0, , .		0
65	Ebola, the Negative Stranded RNA Virus. , 0, , .		4
66	Removal of Cu(II) from aqueous solution by iron vanadate: equilibrium and kinetics studies. , 0, 75, 124-131.		12
67	Efficient removal of methylene blue dye using mangosteen peel waste: kinetics, isotherms and artificial neural network (ANN) modelling. , 0, 86, 191-202.		13
68	Equilibrium, kinetics, mechanism and thermodynamics studies of As(III) adsorption from aqueous solution using iron impregnated used tea. , 0, 104, 135-148.		6
69	Efficient removal of hazardous malachite green dye from aqueous solutions using H2O2 modified activated carbon as potential low-cost adsorbent: kinetic, equilibrium, and thermodynamic studies. , 0, 151, 167-182.		6
70	Thermodynamic studies of adsorption of rhodamine B and Congo red on graphene oxide. , 0, 164, 228-239.		24
71	Photo-catalytic degradation of Acid Yellow 17 azo dye using ZrO2-CeO2 hollow macrospheres as a catalyst. , 0, 170, 318-324.		1
72	Feasibility of Biodiesel Production in Pakistan. , 0, , .		0

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73	Wild Olive Oil as a Novel and Sustainable Feedstock for Biodiesel Production: Overviewed Various Feedstock, Methodologies and Reaction Mechanisms of Different Catalysts. Catalysis Surveys From Asia, 0, , .	2.6	0