

Anees Ahmad

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6561830/anees-ahmad-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

160
papers

8,527
citations

34
h-index

91
g-index

182
ext. papers

9,472
ext. citations

4.6
avg, IF

6.45
L-index

#	Paper	IF	Citations
160	Algae biotechnology for industrial wastewater treatment, bioenergy production, and high-value bioproducts. <i>Science of the Total Environment</i> , 2022 , 806, 150585	10.2	16
159	An overview of microalgae biomass as a sustainable aquaculture feed ingredient: food security and circular economy.. <i>Bioengineered</i> , 2022 , 13, 9521-9547	5.7	1
158	Thidiazuron Induced In Vitro Clonal Propagation of Lagerstroemia speciosa (L.) Pers. An Important Avenue Tree. <i>Horticulturae</i> , 2022 , 8, 359	2.5	1
157	Algal engineering for bioremediation, bioenergy production, and biomedical applications 2022 , 3-32		
156	Enhanced lactic acid production with indigenous microbiota from date pulp waste and keratin protein hydrolysate from chicken feather waste. <i>Bioresource Technology Reports</i> , 2022 , 18, 101089	4.1	1
155	Investigating the effect of Aspergillus niger inoculated press mud (biofertilizer) on the potential of enhancing maize (Zea mays L.) yield, phosphorous use efficiency, and phosphorous agronomic efficiency. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	2
154	Lactic acid recovery from date pulp waste fermentation broth by ions exchange resins. <i>Environmental Technology and Innovation</i> , 2021 , 22, 101438	7	10
153	Comparative study of lactic acid production from date pulp waste by batch and cyclic-mode dark fermentation. <i>Waste Management</i> , 2021 , 120, 585-593	8.6	13
152	Gibberellic acid and thidiazuron promote micropropagation of an endangered woody tree (Pterocarpus marsupium Roxb.) using in vitro seedlings. <i>Plant Cell, Tissue and Organ Culture</i> , 2021 , 144, 449-462	2.7	6
151	Polymerization of lactic acid produced from food waste by metal oxide-assisted dark fermentation. <i>Environmental Technology and Innovation</i> , 2021 , 24, 101862	7	4
150	Enhanced lactic acid production from food waste in dark fermentation with indigenous microbiota. <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2.3	13
149	Biogenic synthesis of a green tea stabilized PPy/SWCNT/CdS nanocomposite and its substantial applications, photocatalytic degradation and rheological behavior. <i>Nanoscale Advances</i> , 2020 , 2, 1634-1645	5.1	5
148	An Efficient and Novel Ammonia Sensor Based on Polypyrrole/Tin Oxide/MWCNT Nanocomposite. <i>Asian Journal of Chemistry</i> , 2020 , 32, 1505-1510	0.4	1
147	Synthesis, Characterization and Ammonia Sensing Studies on Novel Polypyrrole/Zinc Oxide/SWCNT Nanocomposite. <i>Asian Journal of Chemistry</i> , 2020 , 32, 1961-1966	0.4	1
146	Investigation of CNT/PPy-Modified Carbon Paper Electrodes under Anaerobic and Aerobic Conditions for Phenol Bioremediation in Microbial Fuel Cells. <i>ACS Omega</i> , 2020 , 5, 471-480	3.9	24
145	Investigating microbial fuel cell aided bio-remediation of mixed phenolic contaminants under oxic and anoxic environments. <i>Biochemical Engineering Journal</i> , 2020 , 155, 107485	4.2	19
144	A review on the lactic acid fermentation from low-cost renewable materials: Recent developments and challenges. <i>Environmental Technology and Innovation</i> , 2020 , 20, 101138	7	49

143	Enhanced short-chain carboxylic acids yield in dark fermentation by cyclic product removal. <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2.3	3
142	Direct shoot organogenesis from shoot tip explants of a highly medicinal valued tree <i>Pterocarpus marsupium</i> Roxb.. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2020 , 56, 670-681	2.3	4
141	Devising Carbon Nanotube, Green Tea, and Polyaniline Based Nanocomposite plus Investigating Its Rheological together with Bactericidal Efficacies. <i>ACS Omega</i> , 2019 , 4, 16956-16962	3.9	5
140	Meta-topolin Improves In Vitro Morphogenesis, Rhizogenesis and Biochemical Analysis in <i>Pterocarpus marsupium</i> Roxb.: A Potential Drug-Yielding Tree. <i>Journal of Plant Growth Regulation</i> , 2019 , 38, 1007-1016	4.7	26
139	Kraton based polymeric nanocomposite bioanode for the application in a biofuel cell. <i>Enzyme and Microbial Technology</i> , 2019 , 127, 43-49	3.8	19
138	Optimization Study for the Desorption of Methylene Blue Dye from Clay Based Adsorbent Coating. <i>Water (Switzerland)</i> , 2019 , 11, 1304	3	29
137	Enhanced biogas production by mesophilic and thermophilic anaerobic co-digestion of palm oil mill effluent with empty fruit bunches in expanded granular sludge bed reactor. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 550, 012029	0.4	1
136	Startup of expanded granular sludge bed reactor treating undiluted palm oil mill effluent. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019 , 550, 012038	0.4	
135	Biotechnological application of microalgae for integrated palm oil mill effluent (POME) remediation: a review. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 1763-1788	3.3	14
134	Bio-electrodegradation of 2,4,6-Trichlorophenol by mixed microbial culture in dual chambered microbial fuel cells. <i>Journal of Bioscience and Bioengineering</i> , 2019 , 127, 353-359	3.3	19
133	Vasorelaxant activities and the underlying pharmacological mechanisms of <i>Gynura procumbens</i> Merr. leaf extracts on rat thoracic aorta. <i>Inflammopharmacology</i> , 2019 , 27, 421-431	5.1	5
132	Enhanced biosorption of transition metals by living <i>Chlorella vulgaris</i> immobilized in Ca-alginate beads. <i>Environmental Technology (United Kingdom)</i> , 2019 , 40, 1793-1809	2.6	24
131	Preconditioning of Nodal Explants in Thidiazuron-Supplemented Liquid Media Improves Shoot Multiplication in <i>Pterocarpus marsupium</i> (Roxb.) 2018 , 175-187		6
130	Biosorption of transition metals by freely suspended and Ca-alginate immobilised with <i>Chlorella vulgaris</i> : Kinetic and equilibrium modeling. <i>Journal of Cleaner Production</i> , 2018 , 171, 1361-1375	10.3	92
129	Bioelectrochemical Systems for Transforming Waste to Energy 2018 , 111-128		2
128	Recent advances in polyaniline-based nanocomposites as potential adsorbents for trace metal ions 2018 , 597-615		2
127	Energy generation through bioelectrochemical degradation of pentachlorophenol in microbial fuel cell.. <i>RSC Advances</i> , 2018 , 8, 20726-20736	3.7	22
126	GC-MS and HPLC profiles of phenolic fractions of the leaf of <i>Telfairia occidentalis</i> . <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018 , 31, 45-50	0.4	7

125	Synthesis, Characterization, Electrical and Photocatalytic Studies of Polyacrylamide Zr(IV) Phosphosulphosalicylate, a Cation Exchanger: Its Application in the Removal of Hg (II) from Aqueous Solution. <i>Arabian Journal for Science and Engineering</i> , 2017 , 42, 4351-4364	2.5	3
124	Using selected global health indicators to assess public health status of population displaced by natural and man-made disasters. <i>International Journal of Disaster Risk Reduction</i> , 2017 , 22, 228-237	4.5	11
123	Bioelectrochemical conversion of waste to energy using microbial fuel cell technology. <i>Process Biochemistry</i> , 2017 , 57, 141-158	4.8	62
122	Antioxidant Activity of Essential Oil Extracted by SC-CO ₂ from Seeds of <i>Trachyspermum ammi</i> . <i>Medicines (Basel, Switzerland)</i> , 2017 , 4,	4.1	7
121	Kinetics and thermodynamic studies of phenol adsorption on nanocomposite. <i>Desalination and Water Treatment</i> , 2016 , 57, 11255-11265		8
120	Phenol removal by newly isolated <i>Acinetobacter baumannii</i> strain Serdang 1 in a packed-bed column reactor. <i>Desalination and Water Treatment</i> , 2016 , 57, 13307-13317		5
119	Gender-sensitive public health risks and vulnerabilities assessment with reference to floods in Pakistan. <i>International Journal of Disaster Risk Reduction</i> , 2016 , 19, 47-56	4.5	16
118	Development of PANI/MWCNTs decorated with cobalt oxide nanoparticles towards multiple electrochemical, photocatalytic and biomedical application sites. <i>New Journal of Chemistry</i> , 2016 , 40, 9448-9459	3.6	43
117	Renewable and sustainable bioenergy production from microalgal co-cultivation with palm oil mill effluent (POME): A review. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 65, 214-234	16.2	77
116	Integrated algal engineering for bioenergy generation, effluent remediation, and production of high-value bioactive compounds. <i>Biotechnology and Bioprocess Engineering</i> , 2016 , 21, 236-249	3.1	20
115	Effects of palm oil mill effluent media on cell growth and lipid content of <i>Nannochloropsis oculata</i> and <i>Tetraselmis suecica</i> . <i>International Journal of Green Energy</i> , 2016 , 13, 200-207	3	21
114	Supercritical carbon dioxide extraction of essential oils from leaves of <i>Eucalyptus globulus</i> L., their analysis and application. <i>Analytical Methods</i> , 2016 , 8, 1339-1350	3.2	15
113	Cauliflower Leave, an Agricultural Waste Biomass Adsorbent, and Its Application for the Removal of MB Dye from Aqueous Solution: Equilibrium, Kinetics, and Thermodynamic Studies. <i>International Journal of Analytical Chemistry</i> , 2016 , 2016, 8252354	1.4	16
112	Is foliar spray of proline sufficient for mitigation of salt stress in <i>Brassica juncea</i> cultivars?. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 13413-23	5.1	19
111	Structural, electrical, optical and analytical applications of newly synthesized polyaniline based nickel molybdate composite. <i>Journal of Alloys and Compounds</i> , 2015 , 636, 124-130	5.7	4
110	Green extraction methods and environmental applications of carotenoids-a review. <i>RSC Advances</i> , 2015 , 5, 62358-62393	3.7	56
109	Comparative study on structural modification of <i>Ceiba pentandra</i> for oil sorption and palm oil mill effluent treatment. <i>Desalination and Water Treatment</i> , 2015 , 54, 3044-3053		18
108	A critical review of pharmacological significance of Hydrogen Sulfide in hypertension. <i>Indian Journal of Pharmacology</i> , 2015 , 47, 243-7	2.5	21

107	Obesity depresses baroreflex control of renal sympathetic nerve activity and heart rate in Sprague Dawley rats: role of the renal innervation. <i>Acta Physiologica</i> , 2015 , 214, 390-401	5.6	24
106	Synthesis, Characterization, and Biological Applications of Nanocomposites for the Removal of Heavy Metals and Dyes. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 76-82	3.9	29
105	Effect of frying on the rheological and chemical properties of palm oil and its blends. <i>Journal of Food Science and Technology</i> , 2015 , 52, 1444-52	3.3	10
104	Aerobic and anaerobic co-cultivation of <i>Nannochloropsis oculata</i> with oil palm empty fruit bunch for enhanced biomethane production and palm oil mill effluent treatment. <i>Desalination and Water Treatment</i> , 2015 , 56, 2055-2065		17
103	Ion exchangers as adsorbents for removing metals from aquatic media. <i>Archives of Environmental Contamination and Toxicology</i> , 2014 , 66, 259-69	3.2	9
102	Preparation and characterization of activated carbons derived from bio-solid: a review. <i>Desalination and Water Treatment</i> , 2014 , 52, 4848-4862		11
101	Modeling of disperse dye adsorption onto bamboo-based activated carbon in fixed-bed column. <i>Desalination and Water Treatment</i> , 2014 , 52, 248-256		14
100	Synthesis and characterization of polyaniline Zr(IV) molybdophosphate for the adsorption of phenol from aqueous solution. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2014 , 113, 499-517	1.6	21
99	Health risk assessment of workers exposed to flour dust: A cross-sectional study of random samples of bakeries workers. <i>Atmospheric Pollution Research</i> , 2014 , 5, 113-118	4.5	11
98	Release and recovery of phosphorus from wastewater treatment sludge via struvite precipitation. <i>Desalination and Water Treatment</i> , 2014 , 52, 5696-5703		15
97	Enhanced palm oil mill effluent treatment and biomethane production by co-digestion of oil palm empty fruit bunches with <i>Chlorella</i> Sp. <i>Canadian Journal of Chemical Engineering</i> , 2014 , 92, 1636-1642	2.3	25
96	Generic study on the design and operation of high power targets. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2014 , 17,		2
95	Evaluation of Aerobic and Anaerobic Co-Digestion of <i>Tetraselmis suecica</i> and Oil Palm Empty Fruit Bunches by Response Surface Methodology. <i>Advanced Materials Research</i> , 2014 , 925, 243-247	0.5	9
94	Biomethane Production and Palm Oil Mill Effluent Treatment by Co-Cultivation of <i>Nannochloropsis oculata</i> . <i>Applied Mechanics and Materials</i> , 2014 , 625, 818-821	0.3	2
93	Synthesis, characterization, antimicrobial activity and applications of polyanilineTi(IV)arsenophosphate adsorbent for the analysis of organic and inorganic pollutants. <i>Journal of Hazardous Materials</i> , 2014 , 264, 481-9	12.8	66
92	Organic dye adsorption on activated carbon derived from solid waste. <i>Desalination and Water Treatment</i> , 2013 , 51, 2554-2563		33
91	Polyamines: potent modulators of plant responses to stress. <i>Journal of Plant Interactions</i> , 2013 , 8, 1-16	3.8	70
90	Characterization of Oily and Non-Oily Natural Sediments in Palm Oil Mill Effluent. <i>Journal of Chemistry</i> , 2013 , 2013, 1-11	2.3	7

89	Biomonitoring of 2,4-dimethyl-6-tert-butyl-4-ethylphenylamine for assessment of exposure to methylene diphenyl diisocyanate aerosol. <i>Atmospheric Pollution Research</i> , 2013 , 4, 208-213	4.5	3
88	Removal of cadmium (II) from aqueous solutions by adsorption using meranti wood. <i>Wood Science and Technology</i> , 2012 , 46, 221-241	2.5	28
87	Color and COD reduction from cotton textile processing wastewater by activated carbon derived from solid waste in column mode. <i>Desalination and Water Treatment</i> , 2012 , 41, 224-231		11
86	Treatment of landfill leachate by using lateritic soil as a natural coagulant. <i>Journal of Environmental Management</i> , 2012 , 112, 353-9	7.9	23
85	Adsorption of 4-nitrophenol on palm oil fuel ash activated by amino silane coupling agent. <i>Desalination and Water Treatment</i> , 2012 , 40, 159-167		14
84	Sorption of Copper(II) and Nickel(II) Ions from Aqueous Solutions Using Calcium Oxide Activated Date (Phoenix dactylifera) Stone Carbon: Equilibrium, Kinetic, and Thermodynamic Studies. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 3607-3619	2.8	32
83	Application of central composite design for preparation of Kenaf fiber based activated carbon for adsorption of manganese (II) ion. <i>African Journal of Business Management</i> , 2011 , 6,	0.5	4
82	Chemical composition and antioxidant properties of candlenut oil extracted by supercritical CO ₂ . <i>Journal of Food Science</i> , 2011 , 76, C535-42	3.4	16
81	Spectral investigations of multiple charge transfer complex of p-nitrophenol as an electron acceptor with donor p-dimethylaminobenzaldehyde. <i>Russian Journal of Physical Chemistry A</i> , 2011 , 85, 1840-1843	0.7	11
80	Optimization of the Adsorption Conditions for the Decolorization and COD Reduction of Methylene Blue Aqueous Solution using Low-Cost Adsorbent. <i>Water, Air, and Soil Pollution</i> , 2011 , 214, 185-195	2.6	27
79	A Novel Pretreatment Method of Lignocellulosic Material as Adsorbent and Kinetic Study of Dye Waste Adsorption. <i>Water, Air, and Soil Pollution</i> , 2011 , 218, 293-306	2.6	45
78	Adsorption of Pb(II) Ions from Aqueous Solutions by Date Bead Carbon Activated with ZnCl ₂ . <i>Clean - Soil, Air, Water</i> , 2011 , 39, 392-399	1.6	33
77	Anaerobic co-digestion of palm oil mill effluent with rumen fluid as a co-substrate. <i>Desalination</i> , 2011 , 269, 50-57	10.3	25
76	Orthophosphate removal from domestic wastewater using limestone and granular activated carbon. <i>Desalination</i> , 2011 , 271, 265-272	10.3	66
75	Study of phase transition in a [CdHgI ₄ : 0.2AgI] mixed conducting composite system doped with KI and K ₂ SO ₄ . <i>Phase Transitions</i> , 2011 , 84, 960-971	1.3	1
74	Sorption Equilibrium and Thermodynamic Studies of Zinc (II) Ions from Aqueous Solutions by Bamboo Sawdust. <i>Journal of Dispersion Science and Technology</i> , 2011 , 32, 583-590	1.5	11
73	Adsorption Equilibrium and Thermodynamic Studies of Copper (II) Ions from Aqueous Solutions by Oil Palm Leaves. <i>International Journal of Chemical Reactor Engineering</i> , 2010 , 8,	1.2	11
72	Physico-chemical properties of blends of palm olein with other vegetable oils. <i>Grasas Y Aceites</i> , 2010 , 61, 423-429	1.3	39

71	Assessment of major solid wastes generated in palm oil mills. <i>International Journal of Environmental Technology and Management</i> , 2010 , 13, 245	0.6	2
70	Characterization and Application of 1-(2-Pyridylazo)-2-naphthol Functionalized Amberlite XAD-4 for Preconcentration of Trace Metal Ions in Real Matrices. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 5553-5561	2.8	32
69	Adsorption of Copper (II) onto Different Adsorbents. <i>Journal of Dispersion Science and Technology</i> , 2010 , 31, 918-930	1.5	30
68	Kinetics for the Removal of Paraquat Dichloride from Aqueous Solution by Activated Date (Phoenix dactylifera) Stone Carbon. <i>Journal of Dispersion Science and Technology</i> , 2010 , 31, 248-259	1.5	40
67	Removal of pesticides from water and wastewater by different adsorbents: a review. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2010 , 28, 231-71	4.5	118
66	Methane Production during Start-Up Phase of Mesophilic Semi-Continues Suspended Growth Anaerobic Digester. <i>International Journal of Chemical Reactor Engineering</i> , 2010 , 8,	1.2	3
65	Interactive effect of nitric oxide and brassinosteroids on photosynthesis and the antioxidant system of <i>Lycopersicon esculentum</i> . <i>Russian Journal of Plant Physiology</i> , 2010 , 57, 212-221	1.6	38
64	Effect of preparation conditions of activated carbon from bamboo waste for real textile wastewater. <i>Journal of Hazardous Materials</i> , 2010 , 173, 487-93	12.8	126
63	Adsorption of methylene blue on low-cost adsorbents: a review. <i>Journal of Hazardous Materials</i> , 2010 , 177, 70-80	12.8	1919
62	Indoor air pollution evaluation with emphasize on HDI and biological assessment of HDA in the polyurethane factories. <i>Environmental Monitoring and Assessment</i> , 2010 , 165, 341-7	3.1	5
61	Fixed-bed adsorption of reactive azo dye onto granular activated carbon prepared from waste. <i>Journal of Hazardous Materials</i> , 2010 , 175, 298-303	12.8	408
60	Evaluation of methylene diphenyl diisocyanate as an indoor air pollutant and biological assessment of methylene dianiline in the polyurethane factories. <i>Indian Journal of Industrial Medicine</i> , 2009 , 13, 38-42		1
59	Reduction of COD and color of dyeing effluent from a cotton textile mill by adsorption onto bamboo-based activated carbon. <i>Journal of Hazardous Materials</i> , 2009 , 172, 1538-43	12.8	113
58	Assessment of surface water quality of selected estuaries of Malaysia: multivariate statistical techniques. <i>The Environmentalist</i> , 2009 , 29, 255-262		35
57	Effect of 28-homobrassinolide on the drought stress-induced changes in photosynthesis and antioxidant system of <i>Brassica juncea</i> L.. <i>Acta Physiologiae Plantarum</i> , 2009 , 31, 889-897	2.6	89
56	Batch adsorption of methylene blue from aqueous solution by garlic peel, an agricultural waste biomass. <i>Journal of Hazardous Materials</i> , 2009 , 164, 870-5	12.8	540
55	Scavenging behaviour of meranti sawdust in the removal of methylene blue from aqueous solution. <i>Journal of Hazardous Materials</i> , 2009 , 170, 357-65	12.8	155
54	Removal of disperse dye from aqueous solution using waste-derived activated carbon: optimization study. <i>Journal of Hazardous Materials</i> , 2009 , 170, 612-9	12.8	93

53	Adsorption of copper (II), chromium (III), nickel (II) and lead (II) ions from aqueous solutions by meranti sawdust. <i>Journal of Hazardous Materials</i> , 2009 , 170, 969-77	12.8	304
52	Adsorption of reactive dye on palm-oil industry waste: Equilibrium, kinetic and thermodynamic studies. <i>Desalination</i> , 2009 , 247, 551-560	10.3	67
51	Removal of Cu(II) and Pb(II) ions from aqueous solutions by adsorption on sawdust of Meranti wood. <i>Desalination</i> , 2009 , 247, 636-646	10.3	169
50	A knowledge-based approach to facilitate queries by hajj pilgrims 2008 ,		2
49	IAA and 4-Cl-IAA Increases the Growth and Nitrogen Fixation in Mung Bean. <i>Communications in Soil Science and Plant Analysis</i> , 2008 , 39, 2695-2705	1.5	5
48	COD Reduction in Semiconductor Wastewater by Natural and Commercialized Coagulants Using Response Surface Methodology. <i>Water, Air, and Soil Pollution</i> , 2008 , 195, 345-352	2.6	19
47	Multivariate analysis of heavy metals concentrations in river estuary. <i>Environmental Monitoring and Assessment</i> , 2008 , 143, 179-86	3.1	17
46	Sulphur protects mustard (<i>Brassica campestris</i> L.) from cadmium toxicity by improving leaf ascorbate and glutathione. <i>Plant Growth Regulation</i> , 2008 , 54, 271-279	3.2	145
45	Sterilization and extraction of palm oil from screw pressed palm fruit fiber using supercritical carbon dioxide. <i>Separation and Purification Technology</i> , 2008 , 60, 272-277	8.3	23
44	Adsorption of direct dye on palm ash: kinetic and equilibrium modeling. <i>Journal of Hazardous Materials</i> , 2007 , 141, 70-6	12.8	176
43	Adsorption of methylene blue onto bamboo-based activated carbon: kinetics and equilibrium studies. <i>Journal of Hazardous Materials</i> , 2007 , 141, 819-25	12.8	981
42	Sorption studies of Zn(II)- and Cd(II) ions from aqueous solution on treated sawdust of sissoo wood. <i>European Journal of Wood and Wood Products</i> , 2007 , 65, 429-436	2.1	21
41	A comparative effect of IAA and 4-Cl-IAA on growth, nodulation and nitrogen fixation in <i>Vigna radiata</i> (L.) Wilczek. <i>Acta Physiologiae Plantarum</i> , 2007 , 30, 35-41	2.6	17
40	Isotherms, kinetics and thermodynamics of acid dye adsorption on activated palm ash. <i>Chemical Engineering Journal</i> , 2007 , 133, 195-203	14.7	418
39	Thermodynamics of Ion-Exchange of Alkali Metal Ions on Crystalline Niobium(V) Phosphate. <i>Bulletin of the Chemical Society of Japan</i> , 2006 , 79, 88-94	5.1	
38	Effect of CrO ₃ addition in ZrO ₂ : Electric and dielectric behavior. <i>Russian Journal of Physical Chemistry A</i> , 2006 , 80, 1141-1145	0.7	2
37	Effect of salicylic acid on growth and enzyme activities of wheat seedlings. <i>Acta Agronomica Hungarica: an International Multidisciplinary Journal in Agricultural Science</i> , 2005 , 53, 433-437		112
36	Effect of Chloroindole Auxins on the Growth and Nitrate Reductase Activity in <i>Solanum melongena</i> . <i>Asian Journal of Plant Sciences</i> , 2005 , 5, 14-16	0.6	0

35	Developing Functional Foods Using Red Palm Olein: Pilot-Scale Studies. <i>International Journal of Food Properties</i> , 2004 , 7, 1-13	3	14
34	Nitrate reductase activity and yield of <i>Lens culinaris</i> sprayed with 28-homobrassinolide. <i>Acta Agronomica Hungarica: an International Multidisciplinary Journal in Agricultural Science</i> , 2003 , 51, 381-387		3
33	Soaking seeds of <i>Lens culinaris</i> with 28-homobrassinolide increased nitrate reductase activity and grain yield in the field in India. <i>Annals of Applied Biology</i> , 2003 , 143, 121-124	2.6	40
32	Response of sugarcane to treated wastewater of oil refinery. <i>Journal of Environmental Biology</i> , 2003 , 24, 141-6	1.6	2
31	Growth of wheat seedlings raised from the grains treated with 28-homobrassinolide. <i>Acta Physiologiae Plantarum</i> , 2001 , 23, 27-30	2.6	30
30	Photosynthetic Efficiency of Plants of <i>Brassica Juncea</i> , Treated with Chlorosubstituted Auxins. <i>Photosynthetica</i> , 2001 , 39, 565-568	2.2	32
29	Real-time total integrated scattering measurements on the Mir spacecraft to evaluate sample degradation in space. <i>Applied Optics</i> , 2001 , 40, 2755-68	1.7	4
28	Interactive Effect of Nitrogen and Sulphur on Growth and Yield of Rape-seed-Mustard (<i>Brassica juncea</i> L. Czern. and Coss. and <i>Brassica campestris</i> L.) Genotypes. <i>Journal of Agronomy and Crop Science</i> , 1998 , 181, 193-199	3.9	31
27	Role of sawdust in the removal of copper(II) from industrial wastes. <i>Water Research</i> , 1998 , 32, 3085-3091	12.5	348
26	Final design, assembly, and testing of a space-based total integrated scatter instrument 1997 , 3141, 209		
25	Syndrome of inappropriate secretion of antidiuretic hormone (SIADH) in amoebic liver abscess. <i>Journal of Infection</i> , 1997 , 34, 79-81	18.9	
24	Design and fabrication of low-cost X-ray mirrors. <i>Optics and Laser Technology</i> , 1996 , 28, 555-560	4.2	0
23	Solvent Polarity as a Function of Rf in Thin-Layer Chromatography of Selected Nitro Functions. <i>Journal of Chromatographic Science</i> , 1996 , 34, 376-378	1.4	5
22	Design and modeling of a compact imaging spectrometer. <i>Optical Engineering</i> , 1995 , 34, 3217	1.1	3
21	Field method for the determination of an important pharmaceutical 2,4-dinitrotoluene. <i>Analytical Proceedings</i> , 1995 , 32, 273		5
20	Structure and some common features of complexes of antibody with peptide/protein antigen. <i>Indian Journal of Biochemistry and Biophysics</i> , 1994 , 31, 156-9		
19	Evaluation of the dimensionless time parameter for some particle diffusion controlled forward and reverse H(I)ation(I) exchanges. <i>Colloids and Surfaces</i> , 1991 , 59, 149-153		1
18	Equilibrium studies for the sorption of Cu ²⁺ on lanthanum diethanolamine [A] chelating material. <i>Colloids and Surfaces</i> , 1990 , 46, 239-253		8

17	Evaluation of the dimensionless time parameter for some particle diffusion controlled forward and reverse OH(I)-Anion(I) and OH(I)-Anion(II) exchanges. <i>Colloids and Surfaces</i> , 1990 , 48, 373-378		1
16	Adsorption of tertiary nitrogen-containing compounds on activated carbon. I. Equilibrium studies of nicotinic acid in aqueous systems. <i>Colloids and Surfaces</i> , 1990 , 50, 7-16		3
15	Adsorption of tertiary nitrogen-containing compounds on activated carbon. II. Equilibrium studies of 2,6-lutidine in aqueous systems. <i>Colloids and Surfaces</i> , 1990 , 50, 17-24		1
14	Spectrophotometric Determination of Diphenylamine, Pyrrole, and Indole - A Kinetic Study. <i>Analytical Letters</i> , 1990 , 23, 1139-1157	2.2	4
13	Ion-Exchange Properties of Niobium(V) Materials. II. Synthesis and Characterization of Crystalline Niobium(V) Phosphate. <i>Bulletin of the Chemical Society of Japan</i> , 1988 , 61, 2181-2184	5.1	6
12	Separation of Certain Organic Pollutants Containing Tertiary Nitrogen on Stannic Molybdosiuicate Papers. <i>Analytical Letters</i> , 1987 , 20, 1157-1169	2.2	3
11	Rooting, growth and ethylene evolution of pea cuttings in response to chloroindole auxins. <i>Physiologia Plantarum</i> , 1987 , 69, 137-140	4.6	26
10	THE MECHANISM OF DIFFUSION AND IONIC TRANSPORT OF Li ⁺ , Na ⁺ AND K ⁺ ON SEMICRYSTALLINE NIOBIUM PHOSPHATE. <i>Solvent Extraction and Ion Exchange</i> , 1986 , 4, 823-837	2.5	4
9	Acute toxicity of chrome electroplating wastes to microorganisms: adsorption of chromate and chromium(VI) on a mixture of clay and sand. <i>Water, Air, and Soil Pollution</i> , 1984 , 23, 119-127	2.6	39
8	Influence of toxic metals on the repression of carbonaceous oxygen demand. <i>Water Research</i> , 1983 , 17, 799-802	12.5	8
7	Microbial uptake of cadmium and its effects on the biochemical oxygen demand at various temperatures. <i>Water Research</i> , 1982 , 16, 1611-1614	12.5	11
6	Atomic absorption spectrophotometric studies of cadmium and zinc in commercial fertilisers, soils and river waters. <i>Environmental Pollution Series B: Chemical and Physical</i> , 1981 , 2, 259-264		3
5	Detrimental effects of pharmaceutical industrial waste on microorganisms. <i>Water, Air, and Soil Pollution</i> , 1980 , 13, 447-452	2.6	5
4	Recent breakthroughs in integrated biomolecular and biotechnological approaches for enhanced lipid and carotenoid production from microalgae. <i>Phytochemistry Reviews</i> , 1	7.7	1
3	Immobilized <i>Chlorella vulgaris</i> for efficient palm oil mill effluent treatment and heavy metals removal 81, 105-117		7
2	Synthesis and characterization of polypyrrole/molybdenum oxide composite for ammonia vapour sensing at room temperature. <i>Polymers and Polymer Composites</i> , 096739112110365	0.8	1
1	An overview of biodegradable poly (lactic acid) production from fermentative lactic acid for biomedical and bioplastic applications. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	3