

Ravindhranath Kunta

List of Publications by Year in Descending Order

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

66

papers

623

citations

15

h-index

22

g-index

75

ext. papers

815

ext. citations

2.2

avg, IF

4.94

L-index

#	Paper	IF	Citations
66	Synthesis of two diastereomeric impurities of a fluorinated antiretroviral drug dolutegravir. <i>Journal of Molecular Structure</i> , 2022 , 1253, 132274	3.4	1
65	Simultaneous Removal of Molybdate and Chromate Ions from Industrial Wastewater using Biosorbents Derived from Stems of <i>Murraya koenigii</i> : Thermodynamics, Isothermal and Kinetic Investigations. <i>Asian Journal of Chemistry</i> , 2022 , 34, 1391-1400	0.4	
64	Simultaneous Removal of Copper and Lead Ions from Industrial and Mining Effluents Using Biosorbents Derived from <i>Rhododendron arboreum</i> Plant: Adsorptive Optimization and Mechanism Evaluation. <i>Asian Journal of Chemistry</i> , 2021 , 34, 191-200	0.4	
63	A Simple and Effective Bio-adsorbent Generated from the Stems of <i>Momordica charantia</i> Plant for the Simultaneous Removal of Lead and Cadmium Ions from Wastewater. <i>Asian Journal of Chemistry</i> , 2021 , 33, 2633-2640	0.4	
62	An efficient HILIC-MS/MS method for the trace level determination of three potential genotoxic impurities in aripiprazole active drug substance. <i>Journal of Analytical Science and Technology</i> , 2021 , 12,	3.4	1
61	p-TSA-catalyzed a simple and efficient one-pot eco-friendly synthesis of functionalized new isoxazolyl-4-hydroxyindole-3-carboxylate derivatives in aqueous medium. <i>Synthetic Communications</i> , 2021 , 51, 279-289	1.7	1
60	Sequential adsorptive removal of phosphate, nitrate and chromate from polluted water using active carbon derived from stems of <i>Carissa carandas</i> plant. <i>Water Practice and Technology</i> , 2021 , 16, 117-134	0.9	3
59	Acetic acid promoted an efficient and eco-friendly one-pot synthesis of functionalized novel isoxazolyl amino chromenopyrrole derivatives in aqueous medium. <i>Synthetic Communications</i> , 2021 , 51, 601-610	1.7	0
58	LCMS/MS method for the quantification of potential genotoxic impurity 4-phenoxyphenyl-boronic acid in ibuprofen. <i>Journal of the Iranian Chemical Society</i> , 2021 , 18, 1381-1389	2	1
57	Effective removal of Cu ²⁺ ions from polluted water using new bio-adsorbents. <i>Water Practice and Technology</i> , 2021 , 16, 566-581	0.9	2
56	Simultaneous removal of lead and cadmium ions from simulant and industrial waste water: using plant materials as sorbents. <i>International Journal of Phytoremediation</i> , 2021 , 1-15	3.9	3
55	Calcium Alginate Beads Doped with Nano-ZrO ₂ and Activated Carbon of <i>Annona reticulata</i> Plant as an Effective Adsorbent for Water Remediation of Chromium(VI). <i>Asian Journal of Chemistry</i> , 2021 , 33, 281-290	0.4	3
54	New research trends in the processing and applications of iron-based nanoparticles as adsorbents in water remediation methods. <i>Nanotechnology for Environmental Engineering</i> , 2020 , 5, 1	5.1	12
53	Effective De-fluoridation of Water Using <i>Leucaena leucocephala</i> Active Carbon as Adsorbent. <i>International Journal of Environmental Research</i> , 2020 , 14, 415-426	2.9	10
52	Removal of Lead(II) Ions from Industrial Waste Water using Biomaterials of <i>Terminalia ivorensis</i> Plant and its Composite with Fe-Alginate Beads as Adsorbents. <i>Asian Journal of Chemistry</i> , 2020 , 32, 2977-2984	0.4	
51	An HPLC tool for process monitoring: rare sugar D- psicose and D- fructose contents during the production through an enzymatic path. <i>International Journal of Research in Pharmaceutical Sciences</i> , 2020 , 11, 775-780	1.9	2
50	Effect of Doping Nano Samarium(III) Oxide in PVA+Na ₃ C ₆ H ₅ O ₇ Films for Battery Applications. <i>Asian Journal of Chemistry</i> , 2020 , 32, 1947-1954	0.4	

49	Adsorptive Removal of Copper Ions from Polluted Water Using Sorbents Derived from Cordia dichotoma, Albizia thompsonii and Polyalthia cerasoides Plants. <i>Asian Journal of Chemistry</i> , 2020 , 32, 2653-2659	0.4	1
48	Sequential synergetic sorption analysis of Gracilaria Rhodophyta biochar toward aluminum and fluoride: A statistical optimization approach. <i>Water Environment Research</i> , 2020 , 92, 880-898	2.8	9
47	High resolution and high throughput analytical methods for d-tagatose and process related impurities using capillary electrophoresis. <i>Analytical Biochemistry</i> , 2020 , 609, 113981	3.1	2
46	Synthesis of nanoZrO via simple new green routes and its effective application as adsorbent in phosphate remediation of water with or without immobilization in Al-alginate beads. <i>Water Science and Technology</i> , 2020 , 81, 2617-2633	2.2	17
45	Separation and Determination of d-Allose in Presence of Process-Related Impurities by Capillary Electrophoresis. <i>Food Analytical Methods</i> , 2020 , 13, 2269-2278	3.4	1
44	De-fluoridation of Polluted Water Using Aluminium Alginate Beads Doped with Green Synthesized Nano SiO ₂ +Nano CeO ₂ -ZrO ₂ as an Effective Adsorbent. <i>ChemistrySelect</i> , 2020 , 5, 15061-15074	1.8	4
43	Removal of Hazardous Indigo Carmine Dye from Waste Water Using Treated Red Mud. <i>Materials Today: Proceedings</i> , 2019 , 17, 198-208	1.4	14
42	Preparation, characterization and feasibility analysis of methyl ester of Sesbania seeds oil (MESSO) as alternate liquid dielectrics in distribution transformers.. <i>RSC Advances</i> , 2019 , 9, 3311-3319	3.7	8
41	Novel adsorbents possessing cumulative sorption nature evoked from Al ₂ O ₃ nanoflakes, C.urens seeds active carbon and calcium alginate beads for defluoridation studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 101, 50-63	5.3	23
40	Effective Removal of Hexavalent Chromium from Polluted Water using Phoenix sylvestris Seed Powder as Adsorbent. <i>Asian Journal of Chemistry</i> , 2019 , 31, 1327-1331	0.4	1
39	Effective Adsorbents Based on Biomaterials for Removal of Methylene Blue Dye from Water. <i>Asian Journal of Chemistry</i> , 2019 , 31, 617-621	0.4	
38	Statistical analysis on the removal of malachite green dye using active carbons of Achyranthes aspera and Allamanda blanchetii plants. <i>Water Practice and Technology</i> , 2019 , 14, 808-824	0.9	
37	Effective Activated Carbon as Adsorbent for the Removal of Copper(II) Ions from Wastewater. <i>Asian Journal of Chemistry</i> , 2019 , 31, 2233-2239	0.4	6
36	A sensitive and high throughput method for the analysis of d-psicose by capillary electrophoresis. <i>Food Chemistry</i> , 2019 , 281, 36-40	8.5	5
35	Effective removal of methylene blue, a hazardous dye from industrial effluents using active carbon of F.infectoria plant. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 7837-7848 ^{3.3}		7
34	Removal of chromium (VI) from water using adsorbent derived from spent coffee grounds. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 101-112	3.3	26
33	Removal of Aluminum(III) from Polluted Water Using Active Carbon Derived from Barks of Ficus Racemosa Plant. <i>Asian Journal of Water, Environment and Pollution</i> , 2018 , 15, 23-39	0.7	0
32	Removal of fluoride from water using H ₂ O ₂ -treated fine red mud doped in Zn-alginate beads as adsorbent. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 906-916	6.8	29

31	Removal of lead and fluoride from contaminated water using exhausted coffee grounds based bio-sorbent. <i>Journal of Environmental Management</i> , 2018 , 218, 602-612	7.9	41
30	Removal of lead (II) from wastewater using active carbon of <i>Caryota urens</i> seeds and its embedded calcium alginate beads as adsorbents. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 4298-4309	6.8	39
29	Preparation and Characterization of Nano-Dy ₂ O ₃ -Doped PVA + Na ₃ C ₆ H ₅ O ₇ Polymer Electrolyte Films for Battery Applications. <i>Advances in Materials Science and Engineering</i> , 2018 , 2018, 1-9	1.5	3
28	Enhanced removal of chromium (VI) from wastewater using active carbon derived from <i>Lantana camara</i> plant as adsorbent. <i>Water Science and Technology</i> , 2018 , 78, 1377-1389	2.2	24
27	Nano-Pr ₂ O ₃ Doped PVA + Na ₃ C ₆ H ₅ O ₇ Polymer Electrolyte Films for Electrochemical Cell Applications. <i>International Journal of Polymer Science</i> , 2018 , 2018, 1-9	2.4	4
26	Molecular interaction between binary mixtures 1-butyl-3-methyl-imidazolium bis(trifluoromethylsulfonyl)imide with N-Vinyl-2-pyrrolidinone at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2017 , 108, 181-192	2.9	8
25	Studies on the importance of chain length of alkanols on the thermodynamic and transport properties of liquid mixtures at various temperatures. <i>Journal of Chemical Thermodynamics</i> , 2017 , 107, 104-113	2.9	9
24	Defluoridation studies using active carbon derived from the barks of <i>Ficus racemosa</i> plant. <i>Journal of Fluorine Chemistry</i> , 2017 , 193, 58-66	2.1	55
23	Adsorption of Nitrite Ions from Wastewater Using Bio-sorbents Derived from <i>Azadirachta indica</i> Plant. <i>Asian Journal of Water, Environment and Pollution</i> , 2017 , 14, 71-79	0.7	6
22	Zirconium-Treated Fine Red Mud Impregnated in Zn-Alginate Beads as Adsorbent in Removal of Phosphate from Water. <i>Asian Journal of Chemistry</i> , 2017 , 29, 2549-2558	0.4	10
21	Structural and Electrical Properties of Sodium Citrate Doped Poly(vinyl alcohol) Films for Electrochemical Cell Applications. <i>Asian Journal of Chemistry</i> , 2017 , 29, 1049-1055	0.4	4
20	Nickel Based Nano Particles as Adsorbents in Water Purification Methods - A Review. <i>Oriental Journal of Chemistry</i> , 2017 , 33, 1603-1613	0.8	16
19	Removal of Lead from Water Using Calcium Alginate Beads Doped with Hydrazine Sulphate-Activated Red Mud as Adsorbent. <i>Journal of Analytical Methods in Chemistry</i> , 2017 , 2017, 4650594	2.94	16
18	Extraction of Phosphate from Polluted Waters Using Calcium Alginate Beads Doped with Active Carbon Derived from Plant as Adsorbent. <i>Journal of Analytical Methods in Chemistry</i> , 2017 , 2017, 3610878	2.78	18
17	Volumetric, acoustic and spectroscopic properties of 3-chloroaniline with substituted ethanols at various temperatures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 94, 186-196	2.9	15
16	Study of intermolecular interactions in binary mixtures of 3-chloroaniline with isomeric chlorotoluenes at various temperatures. <i>Journal of Molecular Liquids</i> , 2016 , 219, 289-298	6	2
15	Studies on the importance of nature of substituent on the thermodynamic and transport properties of liquid mixtures at various temperatures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 101, 92-102	2.9	29
14	Excess molar volumes, speeds of sound and viscosities for binary mixtures of 3-chloroaniline with selected di- and tri-chloro substituted benzene at various temperatures: Comparison with Prigogine-Flory-Patterson theory. <i>Journal of Molecular Liquids</i> , 2016 , 222, 873-882	6	7

13	Removal of fluoride from polluted waters using active carbon derived from barks of Vitex negundo plant. <i>Journal of Analytical Science and Technology</i> , 2015 , 6,	3.4	48
12	Extraction of Fluoride from Polluted Waters Using Low-cost Active Carbon Derived from Stems of Acalypha indica Plant. <i>Asian Journal of Water, Environment and Pollution</i> , 2015 , 12, 33-49	0.7	13
11	Defluoridation of waters using low-cost HNO ₃ activated carbon derived from stems of Senna Occidentalis plant. <i>International Journal of Environmental Technology and Management</i> , 2015 , 18, 420	0.6	21
10	Characterization and Defluoridation Studies of Active Carbon Derived from Typha Angustata Plants. <i>Journal of Analytical Science and Technology</i> , 2012 , 3, 167-181	3.4	15
9	Adsorptive removal of toxic chromate and phosphate ions from polluted water using green-synthesized nanometal (Mn-AlFe) oxide. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	0
8	REMOVAL OF CHROMIUM (VI) FROM WATER USING BIO-ADSORBENTS DERIVED FROM LEAVES OF SalvadorapersicoANDCaesalpiniaabonducPLANTS. <i>Rasayan Journal of Chemistry</i> ,	1.6	3
7	Effective adsorbents based on nano mixed (Al-Fe-Zr) oxide synthesised by new green methods: for the simultaneous extraction of phosphate and chromate from contaminated water. <i>International Journal of Environmental Analytical Chemistry</i> ,1-21	1.8	7
6	Zirconium-alginate beads doped with H ₂ SO ₄ -activated carbon derived from leaves of Magnoliaceae plant as an effective adsorbent for the removal of chromate. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	8
5	Simple effective new bio-adsorbents for the removal of highly toxic nitrite ions from wastewater. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	1
4	Iron-alginate beads doped with green synthesised Nano-CeO ₂ -ZrO ₂ As an effective adsorbent for removal of highly toxic Arsenic-ions from polluted water. <i>International Journal of Environmental Analytical Chemistry</i> ,1-19	1.8	3
3	PEG-400 promoted a simple, efficient and eco-friendly synthesis of functionalized novel isoxazolyl pyrido[2,3-d]pyrimidines and their antimicrobial and anti-inflammatory activity. <i>Synthetic Communications</i> ,1-13	1.7	1
2	De-fluoridation studies: using Lanthanum-alginate-beads impregnated with green synthesized nSiO ₂ and active carbon of Terminalia Ivorensis plant as an effective adsorbent. <i>International Journal of Environmental Science and Technology</i> ,1	3.3	2
1	Synthesis of Three Key Impurities of Drug Dolutegravir: An Inhibitor of HIV-1 Integrase. <i>Polycyclic Aromatic Compounds</i> ,1-14	1.3	