

# Rakesh Kumar Singhal

## List of Publications by Year in descending order

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118  
papers

3,962  
citations

117453

34  
h-index

149479

56  
g-index

118  
all docs

118  
docs citations

118  
times ranked

4401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress on boron nitride nanostructure materials: properties, synthesis and applications in hydrogen storage and analytical chemistry. <i>Journal of Nanostructure in Chemistry</i> , 2023, 13, 1-41.	5.3	31
2	Perspectives of different colour-emissive nanomaterials in fluorescent ink, LEDs, cell imaging, and sensing of various analytes. <i>Luminescence</i> , 2023, 38, 867-895.	1.5	9
3	Thiol functionalised silica microsphere loaded polymeric hydrogel: Development of a novel hybrid sorbent for removal of lead and cadmium. <i>Chemosphere</i> , 2022, 286, 131659.	4.2	19
4	Neutron irradiation induced magnetization and persistent defects at high temperatures in graphite. <i>Physical Review B</i> , 2022, 105, .	1.1	1
5	Ligand chemistry of gold, silver and copper nanoparticles for visual read-out assay of pesticides: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 153, 116607.	5.8	36
6	Assessment of non-steroidal anti-inflammatory drugs from selected wastewater treatment plants of Southwestern India. <i>Emerging Contaminants</i> , 2021, 7, 43-51.	2.2	41
7	Recent developments on fluorescent hybrid nanomaterials for metal ions sensing and bioimaging applications: A review. <i>Journal of Molecular Liquids</i> , 2021, 333, 115950.	2.3	60
8	Seasonal occurrence and risk assessment of pharmaceutical and personal care products in Bengaluru rivers and lakes, India. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105610.	3.3	34
9	Fluorescence enhancement of bovine serum albumin gold nanoclusters from La <sup>3+</sup> ion: Detection of four divalent metal ions (Hg <sup>2+</sup> , Cu <sup>2+</sup> , Pb <sup>2+</sup> and Cd <sup>2+</sup> ). <i>Journal of Molecular Liquids</i> , 2021, 336, 116239.	2.3	33
10	Graphene oxide-MnO <sub>2</sub> -goethite microsphere impregnated alginate: A novel hybrid nanosorbent for As (III) and As (V) removal from groundwater. <i>Journal of Water Process Engineering</i> , 2021, 42, 102129.	2.6	32
11	An overview of molecular biology and nanotechnology based analytical methods for the detection of SARS-CoV-2: promising biotools for the rapid diagnosis of COVID-19. <i>Analyst, The</i> , 2021, 146, 1489-1513.	1.7	42
12	Effect of ZnO Nanoparticles on Growth and Biochemical Responses of Wheat and Maize. <i>Plants</i> , 2021, 10, 2556.	1.6	45
13	Surface-modified metal nanoparticles for recognition of toxic organic molecules. , 2020, , 415-432.		2
14	Present status of hybrid materials for potable water decontamination: a review. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 3214-3248.	1.2	19
15	TiO <sub>2</sub> microsphere impregnated alginate: a novel hybrid sorbent for uranium removal from aquatic bodies. <i>New Journal of Chemistry</i> , 2020, 44, 3950-3960.	1.4	23
16	Evaluation of selected pharmaceuticals and personal care products in water matrix using ion trap mass spectrometry: A simple weighted calibration curve approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 185, 113214.	1.4	17
17	Simple hydrothermal approach for synthesis of fluorescent molybdenum disulfide quantum dots: Sensing of Cr <sup>3+</sup> ion and cellular imaging. <i>Materials Science and Engineering C</i> , 2020, 111, 110778.	3.8	21
18	One pot synthesis of fluorescent gold nanoclusters from Curcuma longa extract for independent detection of Cd <sup>2+</sup> , Zn <sup>2+</sup> and Cu <sup>2+</sup> ions with high sensitivity. <i>Journal of Molecular Liquids</i> , 2020, 304, 112697.	2.3	41

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19	Nano-hydroxyapatite coated activated carbon impregnated alginate: A new hybrid sorbent for uranium removal from potable water. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103999.	3.3	29
20	Humic acid coated cellulose derived from rice husk: A novel biosorbent for the removal of Ni and Cr. <i>Journal of Water Process Engineering</i> , 2019, 32, 100892.	2.6	34
21	Acid Oxidation of Muskmelon Fruit for the Fabrication of Carbon Dots with Specific Emission Colors for Recognition of Hg <sup>2+</sup> Ions and Cell Imaging. <i>ACS Omega</i> , 2019, 4, 19332-19340.	1.6	64
22	Investigation of silicon doping into carbon dots for improved fluorescence properties for selective detection of Fe <sup>3+</sup> ion. <i>Optical Materials</i> , 2019, 96, 109374.	1.7	34
23	Recovery of gold using graphene oxide/calcium alginate hydrogel beads from a scrap solid state detector. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103134.	3.3	9
24	Novel hybrid material humic acid impregnated magnetic chitosan nano particles for decontamination of uranium from aquatic environment. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103110.	3.3	21
25	Influence of doping ion, capping agent and pH on the fluorescence properties of zinc sulfide quantum dots: Sensing of Cu <sup>2+</sup> and Hg <sup>2+</sup> ions and their biocompatibility with cancer and fungal cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 210, 212-221.	2.0	38
26	Chemical characterization of sub-micron particles in indoor and outdoor air at two different microenvironments in the western part of India. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	26
27	Ultra-small two dimensional MXene nanosheets for selective and sensitive fluorescence detection of Ag <sup>+</sup> and Mn <sup>2+</sup> ions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 565, 70-77.	2.3	75
28	Amylase protected gold nanoclusters as chemo- and bio- sensor for nanomolar detection of deltamethrin and glutathione. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 812-820.	4.0	55
29	Tuning of gold nanoclusters sensing applications with bovine serum albumin and bromelain for detection of Hg <sup>2+</sup> ion and lambda-cyhalothrin via fluorescence turn-off and on mechanisms. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2781-2791.	1.9	40
30	Microwave-assisted synthesis of water-soluble Eu <sup>3+</sup> hybrid carbon dots with enhanced fluorescence for the sensing of Hg <sup>2+</sup> ions and imaging of fungal cells. <i>New Journal of Chemistry</i> , 2018, 42, 6125-6133.	1.4	51
31	Mitigation of Cr(VI) toxicity using Pd-nanoparticles immobilized catalytic reactor (Pd-NiCaR) fabricated via plasma and gamma radiation. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16101-16110.	2.7	10
32	Graphene oxide encapsulated in alginate beads for enhanced sorption of uranium from different aquatic environments. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 1625-1633.	3.3	41
33	Trace metal distribution, assessment and enrichment in the surface sediments of Sundarban mangrove ecosystem in India and Bangladesh. <i>Marine Pollution Bulletin</i> , 2018, 127, 541-547.	2.3	52
34	One-step eco-friendly approach for the fabrication of synergistically engineered fluorescent copper nanoclusters: sensing of Hg <sup>2+</sup> ion and cellular uptake and bioimaging properties. <i>New Journal of Chemistry</i> , 2018, 42, 1510-1520.	1.4	50
35	Alginate impregnated ferric hexacyanoferrate(II) for effective decontamination of cesium from aquatic environment. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 1827-1835.	0.7	5
36	Chicken egg white and L-cysteine as cooperative ligands for effective encapsulation of Zn-doped silver nanoclusters for sensing and imaging applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 559, 35-42.	2.3	27

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37	Fabrication of Economical Thiol-Tethered Bifunctional Iron Composite as Potential Commercial Applicant for Arsenic Sorption Application. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 12959-12972.	1.8	19
38	Recent progress on surface chemistry of plasmonic metal nanoparticles for colorimetric assay of drugs in pharmaceutical and biological samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 105, 106-120.	5.8	152
39	Graphene-prussian blue nanocomposite impregnated in alginate for efficient removal of cesium from aquatic environment. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 4399-4407.	3.3	31
40	Facile green synthesis of carbon dots from <i>Pyrus pyrifolia</i> fruit for assaying of Al <sup>3+</sup> ion via chelation enhanced fluorescence mechanism. <i>Journal of Molecular Liquids</i> , 2018, 264, 9-16.	2.3	76
41	Vertical distribution, composition profiles, sources and toxicity assessment of PAH residues in the reclaimed mudflat sediments from the adjacent Thane Creek of Mumbai. <i>Marine Pollution Bulletin</i> , 2017, 118, 112-124.	2.3	30
42	Association and migration behavior of trace metals with humus colloidal particles in aquatic subsurface medium. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 503-511.	0.7	4
43	Synthesis of new benzothiazole Schiff base as selective and sensitive colorimetric sensor for arsenic on-site detection at ppb level. <i>Analytical Methods</i> , 2017, 9, 1779-1785.	1.3	52
44	One-pot synthesis of silver nanoparticles using folic acid as a reagent for colorimetric and fluorimetric detections of 6-mercaptopurine at nanomolar concentration. <i>Sensors and Actuators B: Chemical</i> , 2017, 249, 30-38.	4.0	41
45	Titania coated silica microsphere functionalized with potassium ferrocyanide impregnated in calcium alginate for efficient removal of Cs from aquatic environment. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 5187-5195.	3.3	13
46	Chitosan impregnated Ca-alginate: a new hybrid material for removal of uranium from potable water. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 1905-1914.	0.7	16
47	Histological alterations in the hepatic tissues of Al <sub>2</sub> O <sub>3</sub> nanoparticles exposed freshwater fish <i>Oreochromis mossambicus</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 44, 125-131.	1.5	30
48	Microwave assisted synthesis of tyrosine protected gold nanoparticles for dual (colorimetric and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Bioelectronics, 2017, 88, 71-77.	5.3	75
49	Synthesis of Water Dispersible Fluorescent Carbon Nanocrystals from <i>Syzygium cumini</i> Fruits for the Detection of Fe <sup>3+</sup> Ion in Water and Biological Samples and Imaging of <i>Fusarium avenaceum</i> Cells. <i>Journal of Fluorescence</i> , 2017, 27, 125-134.	1.3	35
50	Plasmonic nanoparticles and quantum dots in the identification of inorganic and organic contaminants in food samples. , 2017, , 677-711.		0
51	Innovative Materials for Removal of New Generation Pollutants from Aquatic Environment. <i>Journal of Environmental Analytical Chemistry</i> , 2017, 04, .	0.3	0
52	Development of p-nitroaniline dithiocarbamate capped gold nanoparticles-based microvolume UV-vis spectrometric method for facile and selective detection of quinalphos insecticide in environmental samples. <i>Sensors and Actuators B: Chemical</i> , 2016, 237, 826-835.	4.0	41
53	A greener approach for impressive removal of As( <sup>iii</sup> )/As( <sup>v</sup> ) from an ultra-low concentration using a highly efficient chitosan thiomers as a new adsorbent. <i>RSC Advances</i> , 2016, 6, 64946-64961.	1.7	34
54	Ammonium molybdate phosphate functionalized silicon dioxide impregnated in calcium alginate for highly efficient removal of <sup>137</sup> Cs from aquatic bodies. <i>RSC Advances</i> , 2016, 6, 95620-95627.	1.7	24

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55	Sediment accumulation and bio-diffusion mixing rates derived from excess <sup>210</sup> Pb and <sup>137</sup> Cs profiles in sediment cores of Mumbai Harbor Bay. <i>Journal of Coastal Conservation</i> , 2016, 20, 289-297.	0.7	4
56	Radio-tolerance of finger millet <i>Eleusine coracana</i> (L.) Gaertn cultivars to ionizing radiation. <i>Nucleus</i> (India), 2016, 59, 41-51.	0.9	2
57	Mg <sup>2+</sup> ion as a tuner for colorimetric sensing of glyphosate with improved sensitivity via the aggregation of 2-mercapto-5-nitrobenzimidazole capped silver nanoparticles. <i>RSC Advances</i> , 2016, 6, 47741-47752.	1.7	40
58	Dithiocarbamate-calix[4]arene functionalized gold nanoparticles as a selective and sensitive colorimetric probe for assay of metsulfuron-methyl herbicide via non-covalent interactions. <i>Sensors and Actuators B: Chemical</i> , 2016, 237, 1044-1055.	4.0	22
59	Chitosan-thiomer stabilized silver nano-composites for antimicrobial and antioxidant applications. <i>RSC Advances</i> , 2016, 6, 75453-75464.	1.7	25
60	One-step green synthetic approach for the preparation of multicolor emitting copper nanoclusters and their applications in chemical species sensing and bioimaging. <i>Biosensors and Bioelectronics</i> , 2016, 80, 243-248.	5.3	101
61	Highly efficient removal of TiO <sub>2</sub> nanoparticles from aquatic bodies by silica microsphere impregnated Ca-alginate. <i>New Journal of Chemistry</i> , 2016, 40, 3177-3186.	1.4	24
62	Colorimetric and fluorescence "turn-on" methods for the sensitive detection of bromelain using carbon dots functionalized gold nanoparticles as a dual probe. <i>RSC Advances</i> , 2016, 6, 32025-32036.	1.7	29
63	New Chitosan-Thiomer: An Efficient Colorimetric Sensor and Effective Sorbent for Mercury at Ultralow Concentration. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 26069-26078.	4.0	45
64	Inventory, fluxes and residence times from the depth profiles of naturally occurring <sup>210</sup> Pb in marine sediments of Mumbai Harbor Bay. <i>Environmental Earth Sciences</i> , 2015, 73, 4019-4031.	1.3	9
65	Arsenic Removal from Groundwater by Goethite Impregnated Calcium Alginate Beads. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	41
66	One-step synthesis of fluorescent carbon dots for imaging bacterial and fungal cells. <i>Analytical Methods</i> , 2015, 7, 2373-2378.	1.3	113
67	Simultaneous colorimetric detection of four drugs in their pharmaceutical formulations using unmodified gold nanoparticles as a probe. <i>RSC Advances</i> , 2015, 5, 19924-19932.	1.7	24
68	Influence of molecular assembly and NaCl concentration on gold nanoparticles for colorimetric detection of cysteine and glutathione. <i>Sensors and Actuators B: Chemical</i> , 2015, 212, 526-535.	4.0	65
69	One-step hydrothermal approach to fabricate carbon dots from apple juice for imaging of mycobacterium and fungal cells. <i>Sensors and Actuators B: Chemical</i> , 2015, 213, 434-443.	4.0	394
70	Simple and sensitive colorimetric sensing of Cd <sup>2+</sup> ion using chitosan dithiocarbamate functionalized gold nanoparticles as a probe. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 850-858.	4.0	63
71	Depth-wise core sediment profile of tissue free and organic bound tritium in dynamic marine environment. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 845-851.	0.7	1
72	A molecular assembly of piperidine carboxylic acid dithiocarbamate on gold nanoparticles for the selective and sensitive detection of Al <sup>3+</sup> ion in water samples. <i>RSC Advances</i> , 2015, 5, 33468-33477.	1.7	23

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73	Optimization of the preconcentration of selenium on palladium nanoparticles (PdNPs), using multivariate analysis for the inorganic speciation of selenium in environmental water samples. <i>Analytical Methods</i> , 2015, 7, 8262-8270.	1.3	10
74	A green and highly efficient sulfur functionalization of starch. <i>RSC Advances</i> , 2015, 5, 51762-51772.	1.7	23
75	Recognition of carbendazim fungicide in environmental samples by using 4-aminobenzenethiol functionalized silver nanoparticles as a colorimetric sensor. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 684-691.	4.0	87
76	Synthesis and characterization of silica microsphere and their application in removal of uranium and thorium from water. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 1899-1906.	1.8	31
77	Oxidative stress and non-linear threshold (NLT) genotoxic dose responses to ionizing radiation in niger, <i>Guizotia abyssinica</i> (L.f.) Cass. <i>Nucleus (India)</i> , 2014, 57, 175-184.	0.9	1
78	Association and migration of uranium and thorium with silica colloidal particles in saturated subsurface zone. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 303, 2283.	0.7	4
79	<sup>14</sup> C labeling : a reliable technique for rapid measurement of total root exudation capacity and vascular sap flow in crop plants. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 302, 1315-1320.	0.7	10
80	Radiosensitivity Studies and Radiostability of Ribulose-1,5 Bis-Carboxylase and Gas Exchange Characteristics in Wheat, Garden Pea, Field Pea, Spinach, and Okra. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	8
81	Metabolic and biochemical changes caused by gamma irradiation in plants. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 300, 199-212.	0.7	46
82	Preparation of multicolor emitting carbon dots for HeLa cell imaging. <i>New Journal of Chemistry</i> , 2014, 38, 6152-6160.	1.4	215
83	Very low dose gamma irradiation stimulates gaseous exchange and carboxylation efficiency, but inhibits vascular sap flow in groundnut ( <i>Arachis hypogaea</i> L.). <i>International Journal of Radiation Biology</i> , 2014, 90, 179-186.	1.0	7
84	Modeling of <sup>137</sup> Cs migration in cores of marine sediments of Mumbai Harbor Bay. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 301, 615-626.	0.7	8
85	Use of ultra-filtration in organic-rich groundwater for the physical separation of thorium. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 301, 805-810.	0.7	2
86	Spectroscopic determination of U(VI) species sorbed by the Chlorella ( <i>Chlorella pyrenoidosa</i> ) fresh water algae. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 587-592.	0.7	29
87	Effect of gamma radiation on wheat plant growth due to impact on gas exchange characteristics and mineral nutrient uptake and utilization. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 249-257.	0.7	31
88	Synthesis and Characterization of Alumina Impregnated Alginate Beads for Fluoride Removal from Potable Water. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	46
89	Effects of <sup>60</sup> Co gamma irradiation on behavior and gill histoarchitecture of giant fresh water prawn <i>Macrobrachium rosenbergii</i> (DE MAN). <i>Ecotoxicology and Environmental Safety</i> , 2013, 92, 155-160.	2.9	8
90	Thermodynamic parameters of U (VI) sorption onto soils in aquatic systems. <i>SpringerPlus</i> , 2013, 2, 530.	1.2	13

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91	Adsorption and kinetic behavior of uranium and thorium in seawater-sediment system. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 649-656.	0.7	26
92	Removal of environmental level of $^{239+240}\text{Pu}$ and $^{241}\text{Am}$ from groundwater by using humic coated colloidal suspension of goethite ( $\text{FeO}(\text{OH})$ ). Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 1345-1351.	0.7	8
93	Spatial distribution and accumulation of $^{226}\text{Ra}$ , $^{228}\text{Ra}$ , $^{40}\text{K}$ and $^{137}\text{Cs}$ in bottom sediments of Mumbai Harbour Bay. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 835-839.	0.7	15
94	Effect of accelerators on thorium based nuclear fuels for rapid and quantitative pyrohydrolytic extraction of $\text{F}^{\text{a}^-}$ and $\text{Cl}^{\text{a}^-}$ and their simultaneous determination by ion chromatography. Journal of Radioanalytical and Nuclear Chemistry, 2012, 293, 743-749.	0.7	12
95	Histological variations in liver of freshwater fish <i>Oreochromis mossambicus</i> exposed to $^{60}\text{Co}$ gamma irradiation. Journal of Environmental Radioactivity, 2012, 113, 57-62.	0.9	15
96	Tracking the history of dinoflagellate cyst assemblages in sediments from the west coast of India. Journal of Sea Research, 2012, 73, 86-100.	0.6	14
97	Rapid and interference free determination of ultra trace level of uranium in potable water originating from different geochemical environments by ICP-OES. Journal of Radioanalytical and Nuclear Chemistry, 2012, 292, 675-681.	0.7	9
98	Determination of chronological heavy metal deposition and pollution intensity in the bottom sediments of Mumbai Harbour Bay, India using $^{137}\text{Cs}$ as tracer. Journal of Radioanalytical and Nuclear Chemistry, 2012, 292, 863-869.	0.7	5
99	A comparative study on dissolution rate of sintered ( $\text{Th-U}$ )O <sub>2</sub> pellets in nitric acid by microwave and conventional heating. Analytical Methods, 2011, 3, 622.	1.3	9
100	Removal of low level americium-241 from potable water originated from different geochemical environments by calcium alginate. Desalination, 2011, 280, 313-318.	4.0	19
101	Comparative determination of uranium in rock phosphates and columbite by ICP-OES, alpha & gamma spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2011, 288, 149-156.	0.7	15
102	Development of naturally occurring siliceous material for the preferential removal of thorium from $\text{U-Th}$ from aquatic environment. Journal of Radioanalytical and Nuclear Chemistry, 2011, 289, 231-237.	0.7	20
103	Analytical chemistry of metallic nanoparticles in natural environments. TrAC - Trends in Analytical Chemistry, 2011, 30, 528-540.	5.8	152
104	Improved method for the quantitative determination of ultra trace level of $\text{Pu-}^{239+240}$ in siliceous base samples using microwave assisted dissolution. Journal of Radioanalytical and Nuclear Chemistry, 2010, 285, 353-358.	0.7	4
105	Low cost and rapid analytical technique for determination of niobium and titanium in zirconium alloy. Analytical Methods, 2010, 2, 1559.	1.3	6
106	Evaluation of doses from ionising radiation to non-human species at Trombay, Mumbai, India. Radiation Protection Dosimetry, 2009, 133, 214-222.	0.4	19
107	Plutonium-239+240 selectivity for pseudo-colloids of iron in subsurface aquatic environment having elevated level of dissolved organic carbon. Journal of Radioanalytical and Nuclear Chemistry, 2009, 280, 141-148.	0.7	11
108	Improvement in the determination of traces of uranium in aqueous medium having high dissolved organic carbon and chloride ion by alpha-spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2009, 279, 301-306.	0.7	10

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109	Selective separation of iron from uranium in quantitative determination of traces of uranium by alpha spectrometry in soil/sediment sample. <i>Applied Radiation and Isotopes</i> , 2009, 67, 501-505.	0.7	13
110	Impact of Tropical Ecosystem on the Migrational Behavior of K-40, Cs-137, Th-232 U-238 in Perennial Plants. <i>Water, Air, and Soil Pollution</i> , 2008, 192, 293-302.	1.1	30
111	Physical speciation of Pu-239+240 and Cs-137 in oligotrophic and organic rich ground water of tropical environment. <i>Annals of Nuclear Energy</i> , 2008, 35, 1314-1320.	0.9	5
112	A non-parametric statistical analysis in the measurement of outdoor gamma exposure to the residents around Trombay. <i>Radiation Protection Dosimetry</i> , 2007, 124, 378-384.	0.4	5
113	Determination of Ultra Trace Level of Uranium in Ground Water of Different Geo-Chemical Environment by Adsorptive Stripping Voltammetry. <i>Water, Air, and Soil Pollution</i> , 2007, 184, 17-27.	1.1	16
114	The use of ultra filtration in trace metal speciation studies in sea water. <i>Environment International</i> , 2006, 32, 224-228.	4.8	31
115	Estimation of Deposition Velocities for <sup>85</sup> Sr, <sup>131</sup> I, <sup>137</sup> Cs on Spinach, Radish and Beans Leaves in a Tropical Region Under Simulated Fallout Conditions. <i>Water, Air, and Soil Pollution</i> , 2004, 158, 181-192.	1.1	5
116	Reduction of uranium concentration in well water by Chlorella ( <i>Chlorella pyrenoidosa</i> ) a fresh water algae immobilized in calcium alginate. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2004, 261, 73-78.	0.7	28
117	Association of uranium with colloidal and suspended particulate matter in Arabian sea near the west coast of Maharashtra (India). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2004, 261, 263-267.	0.7	8
118	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 1998, 101, 163-176.	1.1	8