Ashok Kumar Pandey

List of Publications by Year
in descending order

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140	2,810	201385	243296
papers	citations	27 h-index	44 g-index

140	140	140	2786
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Study of Self-Diffusion of Monovalent and Divalent Cations in Nafion-117 Ion-Exchange Membrane. Journal of Physical Chemistry B, 2001, 105, 9196-9201.	1.2	136
2	Exchanges of Uranium(VI) Species in Amidoxime-Functionalized Sorbents. Journal of Physical Chemistry B, 2009, 113, 6328-6335.	1.2	104
3	Chemical aspects of uranium recovery from seawater by amidoximated electron-beam-grafted polypropylene membranes. Desalination, 2008, 232, 243-253.	4.0	100
4	Facilitated transport of americium(III) from nitric acid media using dimethyldibutyltetradecyl-1,3-malonamide. Journal of Membrane Science, 2000, 177, 163-175.	4.1	93
5	Chitosan-transition metal ions complexes for selective arsenic(V) preconcentration. Water Research, 2013, 47, 3497-3506.	5.3	82
6	Coupled-diffusion transport of Cr(VI) across anion-exchange membranes prepared by physical and chemical immobilization methods. Journal of Membrane Science, 2005, 249, 143-152.	4.1	81
7	Selective Preconcentration and Determination of Chromium(VI) Using a Flat Sheet Polymer Inclusion Sorbent:Â Potential Application for Cr(VI) Determination in Real Samples. Analytical Chemistry, 2002, 74, 4204-4212.	3.2	69
8	Chemically selective membrane optode for Cr(VI) determination in aqueous samples. Analytica Chimica Acta, 2004, 515, 311-321.	2.6	64
9	Formation and characterization of highly crosslinked anion-exchange membranes. Journal of Membrane Science, 2003, 217, 117-130.	4.1	57
10	Determination and theoretical evaluation of selectivity coefficients of monovalent anions in anion-exchange polymer inclusion membrane. Journal of Membrane Science, 2007, 295, 108-113.	4.1	52
11	Self-diffusion coefficient of water in Nafion-117 membrane with different monovalent counterions: a radiotracer study. Journal of Membrane Science, 2005, 250, 39-45.	4.1	51
12	Redox Decomposition of Silver Citrate Complex in Nanoscale Confinement: An Unusual Mechanism of Formation and Growth of Silver Nanoparticles. Langmuir, 2014, 30, 2460-2469.	1.6	50
13	Highly Sensitive Detection of Arsenite Based on Its Affinity toward Ruthenium Nanoparticles Decorated on Glassy Carbon Electrode. Analytical Chemistry, 2016, 88, 2459-2465.	3.2	49
14	Nanofiltration using pore-filled membranes: effect of polyelectrolyte composition on performance. Separation and Purification Technology, 2001, 22-23, 507-517.	3.9	47
15	Membrane optode for mercury(II) determination in aqueous samples. Journal of Hazardous Materials, 2009, 166, 377-382.	6.5	46
16	Adsorptive Preconcentration of Uranium in Hydrogels from Seawater and Aqueous Solutions. Industrial & Engineering Chemistry Research, 2009, 48, 6789-6796.	1.8	45
17	Formation of pore-filled ion-exchange membranes within situ crosslinking: Poly(vinylbenzyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.5	44
18	Formation of Silver Nanoparticles in Poly(perfluorosulfonic) Acid Membrane. Analytical Chemistry, 2006, 78, 7169-7174.	3.2	44

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19	Measurement of Absolute Fission Yields in the Fast Neutronâ€“Induced Fission of Actinides:²³⁸U,²³⁷Np,²³⁸Pu,²⁴⁰Pu,²⁴³Am, and²⁴⁴Cm by Track-Etch-cum-Gamma Spectrometry. Nuclear Science and Engineering, 2000, 135, 227-245.	0.5	42
20	Silver nanoparticles embedded polymer sorbent for preconcentration of uranium from bio-aggressive aqueous media. Journal of Hazardous Materials, 2011, 186, 2051-2059.	6.5	41
21	Study on synergistic carriers facilitated transport of uranium(VI) and europium(III) across supported liquid membrane from phosphoric acid media. Hydrometallurgy, 2009, 96, 117-122.	1.8	39
22	Neck-size distributions of through-pores in polymer membranes. Journal of Membrane Science, 2012, 415-416, 608-615.	4.1	39
23	Diffusional Transport of Ions in Plasticized Anion-Exchange Membranes. Journal of Physical Chemistry B, 2011, 115, 5856-5867.	1.2	36
24	Study of pore structure in grafted polymer membranes using slow positron beam and small-angle X-ray scattering techniques. Nuclear Instruments & Methods in Physics Research B, 2007, 254, 278-282.	0.6	34
25	Characterization of UV-irradiated Lexan polycarbonate films. Iranian Polymer Journal (English) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.3	32
26	Changes in the properties of Lexan polycarbonate by UV irradiation. Nuclear Instruments & Methods in Physics Research B, 2013, 295, 61-68.	0.6	32
27	Scintillating polymer inclusion membrane for preconcentration and determination of Î±-emitting actinides. Analytica Chimica Acta, 2004, 514, 159-165.	2.6	30
28	Egg-shell membrane mimicking synthetic polymer membrane supported palladium nanoparticles for catalyzing reduction of uranyl(VI) ions. Applied Catalysis B: Environmental, 2017, 203, 53-64.	10.8	29
29	Self-diffusion coefficients of water in Nafion-117 membrane with multivalent counterions. Journal of Membrane Science, 2006, 284, 193-197.	4.1	27
30	Estimation of iodine in food, food products and salt using ENAA. Food Chemistry, 2009, 115, 706-710.	4.2	27
31	Hybrid organic-inorganic anion-exchange pore-filled membranes for the recovery of nitric acid from highly acidic aqueous waste streams. Water Research, 2018, 133, 87-98.	5.3	27
32	Development of optical sensing probe for Hg(II) ions detection in ground water using Au, Hexanedithiol and Rhodamine B nanocomposite system. Sensors and Actuators B: Chemical, 2018, 265, 547-555.	4.0	26
33	Insight into Speciation and Electrochemistry of Uranyl Ions in Deep Eutectic Solvents. Journal of Physical Chemistry B, 2020, 124, 181-189.	1.2	26
34	Kinetic aspects of Donnan dialysis through Nafion-117 membrane. Journal of Membrane Science, 2012, 415-416, 681-685.	4.1	25
35	Wonderful nanoconfinement effect on redox reaction equilibrium. RSC Advances, 2014, 4, 33366-33369.	1.7	25
36	Selective preconcentration and determination of iodine species in milk samples using polymer inclusion sorbent. Talanta, 2007, 71, 1226-1232.	2.9	24

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37	In situ formation of stable gold nanoparticles in polymer inclusion membranes. Journal of Colloid and Interface Science, 2009, 337, 523-530.	5.0	23
38	Uranium preconcentration from seawater using phosphate functionalized poly(propylene) fibrous membrane. Desalination and Water Treatment, 2012, 38, 114-120.	1.0	23
39	Extractive fixed-site polymer sorbent for selective boron removal from natural water. Journal of Hazardous Materials, 2013, 260, 1023-1031.	6.5	23
40	Development of a visual optode sensor for onsite determination of Hg(II). Sensors and Actuators B: Chemical, 2015, 211, 346-353.	4.0	23
41	Molecular iodine preconcentration and determination in aqueous samples using poly(vinylpyrrolidone) containing membranes. Talanta, 2008, 74, 1313-1320.	2.9	22
42	Inclusion of silver nanoparticles in host poly(perfluorosulfonic) acid membrane using ionic and non-ionic reductants. Journal of Membrane Science, 2010, 352, 247-254.	4.1	22
43	Optode for uranium(VI) determination in aqueous medium. Talanta, 2008, 76, 60-65.	2.9	21
44	Pore-functionalized polymer membranes for preconcentration of heavy metal ions. Talanta, 2009, 78, 171-177.	2.9	21
45	Poly(ethylene glycol methacrylate phosphate-co-2-acrylamido-2-methyl-1-propane sulfonate) pore-filled substrates for heavy metal ions sorption. Chemical Engineering Journal, 2014, 236, 9-16.	6.6	21
46	A fluoride ion selective Zr(iv)-poly(acrylamide) magnetic composite. RSC Advances, 2014, 4, 10350.	1.7	21
47	Chemically selective polymer substrate based direct isotope dilution alpha spectrometry of Pu. Analytica Chimica Acta, 2015, 878, 54-62.	2.6	21
48	Silver nanoparticles stabilized in porous polymer support: A highly active catalytic nanoreactor. Applied Catalysis A: General, 2016, 524, 214-222.	2.2	21
49	Quaternary ammonium bearing hyper-crosslinked polymer encapsulation on Fe₃O₄ nanoparticles. RSC Advances, 2016, 6, 21317-21325.	1.7	21
50	Ultra-low-pressure water softening with pore-filled membranes. Desalination, 2001, 140, 265-275.	4.0	20
51	Self-Diffusion of Ions in Nafion-117 Membrane Having Mixed Ionic Composition. Journal of Physical Chemistry B, 2012, 116, 1605-1611.	1.2	20
52	Tailored Bifunctional Polymer for Plutonium Monitoring. Analytical Chemistry, 2014, 86, 6254-6261.	3.2	20
53	Backscattering spectrometry studies on metal ion distribution in polymer inclusion membranes. Nuclear Instruments & Methods in Physics Research B, 2003, 211, 138-144.	0.6	19
54	Permeability of water in poly(perfluorosulfonic) acid membrane with different counterions. Journal of Membrane Science, 2007, 295, 21-27.	4.1	18

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55	Thin extractive membrane for monitoring actinides in aqueous streams. Journal of Hazardous Materials, 2013, 260, 53-60.	6.5	18
56	Electrically-driven facilitated transport of Cs+ across copper ferrocyanide channels in track etched membrane. Journal of Membrane Science, 2013, 434, 93-98.	4.1	18
57	A visual strip sensor for determination of iron. Analytica Chimica Acta, 2014, 851, 87-94.	2.6	18
58	Studies on diffusional mobility and selectivity of Iâ˜ ion in plasticized anion-exchange membrane using radiotracer. Radiochimica Acta, 2006, 94, 347-350.	0.5	17
59	Membrane optode for uranium(VI) ions preconcentration and quantification based on a synergistic combination of 4-(2-thiazolylazo)-resorcinol with 8-hydroxyquinaldine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 74, 1235-1241.	2.0	17
60	Arsenic quantification and speciation at trace levels in natural water samples by total reflection X-ray fluorescence after pre-concentration with N-methyl-<scp>d</scp>-glucamine functionalized quartz supports. Journal of Analytical Atomic Spectrometry, 2020, 35, 2770-2778.	1.6	16
61	Design of two-dimensional biomimetic uranyl optrode and its application to the analysis of natural waters. Talanta, 2008, 74, 1420-1427.	2.9	15
62	Time resolved growth of membrane stabilized silver NPs and their catalytic activity. RSC Advances, 2014, 4, 59379-59386.	1.7	15
63	Trace element determinations in uranium by Total reflection X-Ray Fluorescence spectrometry using a newly developed polymer resin for major matrix separation. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2018, 150, 18-25.	1.5	15
64	Effect of pore characteristics on carrier-facilitated transport of Am(III) across track-etched membranes. Journal of Membrane Science, 2001, 190, 9-20.	4.1	14
65	Iron-complexed adsorptive membrane for As(V) species in water. Journal of Hazardous Materials, 2012, 233-234, 131-139.	6.5	14
66	Self-reducing asymmetric polymer membrane for in situ formation and containment of noble metal nanocatalysts. Green Chemistry, 2015, 17, 4157-4161.	4.6	14
67	Polymerâ€Shellâ€Encapsulated Magnetite Nanoparticles Bearing Hexamethylenetetramine for Catalysing Azaâ€Michael Addition Reactions. European Journal of Organic Chemistry, 2018, 2018, 5980-5987.	1.2	14
68	Synthesis and application of a unified sorbent for simultaneous preconcentration and determination of trace metal pollutants in natural waters. Journal of Hazardous Materials, 2013, 262, 265-273.	6.5	13
69	Polymer based sorbent materials for thermal ionization mass spectrometric determination of uranium(<scp>vi</scp>) and plutonium(<scp>iv</scp>) ions. Journal of Analytical Atomic Spectrometry, 2016, 31, 985-993.	1.6	13
70	Fabrication of Conducting Nanochannels Using Accelerator for Fuel Cell Membrane and Removal of Radionuclides: Role of Nanoparticles. ACS Applied Materials & Interfaces, 2020, 12, 17628-17640.	4.0	13
71	Study on physical and electrostatic interactions of counterions in poly(perfluorosulfonic) acid matrix: Characterization of diffusion properties of membrane using radiotracers. Electrochimica Acta, 2007, 52, 5968-5974.	2.6	12
72	Studies on the optimisation of optical response of scintillating optodes. Sensors and Actuators B: Chemical, 2007, 123, 50-58.	4.0	12

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73	Matrix supported tailored polymer for solid phase extraction of fluoride from variety of aqueous streams. Journal of Hazardous Materials, 2012, 201-202, 193-201.	6.5	12
74	Ionic transport in polyelectrolyte-filled cation-exchange membranes. Journal of Membrane Science, 2013, 446, 125-131.	4.1	12
75	Assembled diglycolamide for f-element ions sequestration at high acidity. Reactive and Functional Polymers, 2014, 74, 52-57.	2.0	12
76	Controlled development of pores in polyethylene terepthalate sheet by room temperature chemical etching method. Journal of Membrane Science, 2014, 471, 185-191.	4.1	12
77	Understanding Nitric Acid-Induced Changes in the Arrangement of Monomeric and Polymeric Methacryloyl Diglycolamides on Their Affinity toward f-Element Ions. Journal of Physical Chemistry B, 2015, 119, 212-218.	1.2	12
78	Spacer Monomer in Polymer Chain Influencing Affinity of Ethylene Glycol Methacrylate Phosphate toward UO₂²⁺ and Pu⁴⁺ Ions. Industrial & Engineering Chemistry Research, 2016, 55, 8992-9002.	1.8	12
79	Superparamagnetic bi-functional composite bead for the thermal ionization mass spectrometry of plutonium(<scp>iv</scp>) ions. RSC Advances, 2016, 6, 3326-3334.	1.7	12
80	Change in the Affinity of Ethylene Glycol Methacrylate Phosphate Monomer and Its Polymer Anchored on a Graphene Oxide Platform toward Uranium(VI) and Plutonium(IV) Ions. Journal of Physical Chemistry B, 2016, 120, 2942-2950.	1.2	12
81	Palladium Nanoparticles Hosted in Poly(ethylenimine) and Poly(ethylene glycol methacrylate) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Reaction. ACS Applied Nano Materials, 2018, 1, 3259-3268.	2.4	12
82	Facilitated transport of europium(III) ions across fixed-site membrane. Journal of Membrane Science, 2009, 342, 113-120.	4.1	11
83	Scintillating adsorptive membrane for preconcentration and determination of anionic radionuclides in aqueous samples. Analytical Methods, 2010, 2, 728.	1.3	11
84	Palladium Nanoparticles Hosted on Hydrazineâ€Grafted Magnetite and Silica Particles to Catalyze the Reduction of Oxymetal Ions with Formic Acid. ChemCatChem, 2016, 8, 2981-2987.	1.8	11
85	Pore-Filled Scintillating Membrane as Sensing Matrix for Î±-Emitting Actinides. Analytical Chemistry, 2016, 88, 3796-3803.	3.2	11
86	Phosphate-bearing polymer grafted glass for plutonium(<scp>iv</scp>) ion-selective alpha spectrometry. Journal of Analytical Atomic Spectrometry, 2017, 32, 1566-1570.	1.6	11
87	Molecular iodine selective membrane for iodate determination in salt samples: chemical amplification and preconcentration. Analytical and Bioanalytical Chemistry, 2008, 391, 1081-1089.	1.9	10
88	Galvanic reactions involving silver nanoparticles embedded in cation-exchange membrane. Chemical Communications, 2010, 46, 6371.	2.2	10
89	Dual-Functional Grafted Electrospun Polymer Microfiber Scaffold Hosted Palladium Nanoparticles for Catalyzing Redox Reactions. Macromolecular Chemistry and Physics, 2017, 218, 1600555.	1.1	10
90	Thermal studies on unirradiated and Î³-irradiated polymer of allyl diglycol carbonate. Thermochimica Acta, 1995, 254, 331-336.	1.2	9

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91	Solid phase preconcentration and determination of mercury and uranyl ions using an itaconic acid functionalized adsorptive membrane. Analytical Methods, 2011, 3, 2017.	1.3	9
92	Local Conditions Influencing In Situ Formation of Different Shaped Silver Nanostructures and Subsequent Reorganizations in Ionomer Membrane. Journal of Physical Chemistry C, 2013, 117, 12026-12037.	1.5	9
93	Copper ferrocyanide loaded track etched membrane: an effective cesium adsorbent. Journal of Radioanalytical and Nuclear Chemistry, 2015, 304, 697-703.	0.7	9
94	Functionalized glass fiber membrane for extraction of iodine species. Separation Science and Technology, 2019, 54, 1469-1477.	1.3	9
95	Effects of radiations on the characteristics of alpha and fission tracks in CR-39 detectors. Radiation Effects and Defects in Solids, 1994, 129, 335-343.	0.4	8
96	Phosphate functionalized radiation grafted Teflon for capturing and quantifications of U(VI) and Pu(IV) ions at ultra-trace concentration in aqueous samples. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 1141-1149.	0.7	8
97	Selective removal of arsenic(V) from natural water using N-methyl-d-glucamine functionalized poly(propylene) membranes. Journal of Environmental Chemical Engineering, 2014, 2, 2221-2228.	3.3	7
98	Actinides selective extractants coated magnetite nanoparticles for analytical applications. Journal of Radioanalytical and Nuclear Chemistry, 2017, 312, 675-683.	0.7	7
99	Functionalized polymer sheet sorbent for selective preconcentration and determination of mercury in natural waters. Analytical Methods, 2014, 6, 7823-7830.	1.3	6
100	Optode sensor for on-site detection and quantification of hydroxide ions in highly concentrated alkali solutions. RSC Advances, 2015, 5, 72893-72899.	1.7	6
101	Thin film of poly(bis[2-(methacryloyloxy)ethyl]phosphate) grafted on surface of poly(ether sulfone) membrane for plutonium(IV)-selective alpha tracks registration in CR-39 detector. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 187-196.	0.7	6
102	Polymeric nanoassembly of imine functionalized magnetite for loading copper salts to catalyze Henry and A3-coupling reactions. Reactive and Functional Polymers, 2021, 161, 104868.	2.0	6
103	Deep eutectic solvent-based extraction of uranium(<scp>vi</scp>) from a wide range acidity and subsequent determination by direct loading in thermal ionization mass spectrometry. Journal of Analytical Atomic Spectrometry, 2021, 36, 590-597.	1.6	6
104	Assay of uranium in U-bearing waste produced at natural uranium metal fuel fabrication plants by gamma-ray spectrometry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 337, 594-597.	0.7	5
105	Facilitated transport of dibutylphosphate across fixed-site membrane. Journal of Membrane Science, 2008, 318, 452-457.	4.1	5
106	A novel approach to prepare 90Yâ€“EGMP patches for superficial brachytherapy. Applied Radiation and Isotopes, 2009, 67, 1416-1420.	0.7	5
107	Interdiffusion of Exchanging Counterions in Poly(perfluorosulfonic acid) Membrane. Journal of Physical Chemistry B, 2009, 113, 12482-12488.	1.2	5
108	Counter-ions diffusion properties of silica embedded poly(perfluorosulfonic) acid membrane. Journal of Membrane Science, 2011, 382, 262-270.	4.1	5

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109	Pd²⁺â€Loaded Magnetic Nanoassembly Formed by Magnetite Nanoparticles Crosslinked with Poly(acrylic acid) via Amide Bonds for Catalyzing Mizorokiâ€Heck Coupling Reaction. ChemistrySelect, 2018, 3, 8151-8158.	0.7	5
110	Supported liquid membrane based loading technique for thermal ionization mass spectrometry: an application to plutonium isotopic composition and concentration determination. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 1367-1376.	0.7	5
111	Poly(ethylenimine) functionalized magnetic nanoparticles for sorption of Pb, Cu, and Ni: potential application in catalysis. Separation Science and Technology, 2019, 54, 1588-1598.	1.3	5
112	Lithium-Irradiated Poly(vinylidene fluoride) Nanohybrid Membrane for Radionuclide Waste Management and Tracing. ACS Applied Polymer Materials, 2021, 3, 2005-2017.	2.0	5
113	Facilitated Transport of Americium(III) from Nitric Acid Media using 3-Phenyl-4-Benzoyl-5-Isoxazolone and Tri-N-Octyl Phosphine Oxide in Dodecane as the Carrier. Radiochimica Acta, 1999, 84, 147-152.	0.5	4
114	One step sample treatment and loading using a deep eutectic solvent immobilized in a porous substrate for thermal ionization mass spectrometry of Pu(<scp>iv</scp>) ions. Journal of Analytical Atomic Spectrometry, 2020, 35, 2315-2321.	1.6	4
115	Determination of Thorium and Uranium in Nickel-based Alloys by ICP-MS After Matrix Separation Using Atomic Spectroscopy, 2018, 39, 142-150.	0.4	4
116	Plasticised polymer inclusion membrane as tunable host for stable gold nanoparticles. International Journal of Nanotechnology, 2010, 7, 953.	0.1	3
117	Determination of track registration efficiency and radiation chemical yield for loss of ester bonds due to gamma rays in Cellulose Acetate Butyrate (CAB) nuclear track detector. Journal of Radioanalytical and Nuclear Chemistry, 2010, 286, 181-183.	0.7	3
118	Track revelation and optical properties of pentaerythritol tetrakis (allyl carbonate) plastic for application as nuclear track detector: effects of gamma radiations. Radiation Effects and Defects in Solids, 2017, 172, 567-574.	0.4	3
119	Poly(ethylene glycol methacrylate phosphate) grafting on silica shell formed on magnetite nanoparticles: applications to selective sequestration of f-element ions. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 1171-1179.	0.7	3
120	Palladium Acetate and Pd Nanoparticles Loaded Hexamethylenetetramine Anchored Magnetically Retrievable Assemblies for Catalyzing Mizorokiâ€Heck Type Mono and Gem â€Dicoupling Reactions. ChemistrySelect, 2020, 5, 1961-1971.	0.7	3
121	Helium-ion-induced fission excitation functions of terbium and ytterbium. Physical Review C, 1993, 48, 87-94.	1.1	2
122	Application of gamma-ray spectrometry for the assay of uranium in crude UF4â€"An input material used for producing nuclear grade U-metal at the natural uranium conversion plants. Journal of Radioanalytical and Nuclear Chemistry, 1995, 201, 165-170.	0.7	2
123	Permeation of uranyl ions across Nafion-117 membrane. Desalination, 2010, 262, 129-133.	4.0	2
124	Remediation of chromium(VI) ions as chromium oxide xerogel via gamma-radiolysis of aqueous waste discharge. Separation and Purification Technology, 2020, 236, 116291.	3.9	2
125	Silver nanoparticles embedded cation-exchange membrane for remediation of Hg species and application as the dip catalyst in organic transformation. Materials Today Chemistry, 2021, 22, 100547.	1.7	2
126	Cadmium(II)â€Loaded Fe 3 O 4 @MPTS Nanoparticles: Preparation and Application as Catalyst for Câ€N Coupling Reactions. ChemistrySelect, 2019, 4, 11796-11800.	0.7	1

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127	Alpha track registration and revelation in CR-39 using new etching method for ultratrace alpha radioactivity quantification in solution media. Radiochimica Acta, 2021, 109, 503-512.	0.5	1
128	Understanding water mediated proton migration in conversion of Ï€-bond in olefinic carbon atoms into Câ€“N bond to form Î²-amino adducts. Tetrahedron, 2021, 100, 132482.	1.0	1
129	Formation of pore-filled ion-exchange membranes with in situ crosslinking: Poly(vinylbenzyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10		1
130	Uranium preconcentration from seawater using phosphate functionalized poly(propylene) fibrous membrane. , 0, 38, 114-120.		1
131	Study on formation of Pd nanocatalyst in self-reducing silica nanotube produced by using sacrificial Fe3O4 template and its efficacy in Cr(VI) reduction. Materials Chemistry and Physics, 2022, 278, 125580.	2.0	1
132	Functionalized Fluoropolymer Membrane for Fuel Cell Applications. , 2022, , 517-540.		1
133	Positioning of Platinum Nanoparticles In Cation-exchange Membrane By Galvanic Reaction. , 2010, , .		0
134	New Anion-Exchange Membranes for the Selective Transport of Platinum. Procedia Engineering, 2012, 44, 1293-1295.	1.2	0
135	Neckâ€“size Distributions of Throughâ€“pores in Polymer Membranes. Procedia Engineering, 2012, 44, 1230-1231.	1.2	0
136	Fixed-site Membranes: Fabrication, Characterization and Application for Boron Sorption. Procedia Engineering, 2012, 44, 1581-1582.	1.2	0
137	Photo-degradation of Lexan polycarbonate studied using positron lifetime spectroscopy. , 2013, , .		0
138	Synthesis, characterisation and counterion dependent mesoscopic modifications of ionomer nanocomposites having different dimensional silver nanostructures. , 2013, , .		0
139	Studies on the preparation and characterization of 90Y-EGMP patches designed for superficial skin brachytherapy. Journal of Radioanalytical and Nuclear Chemistry, 2021, 328, 387-396.	0.7	0
140	Matrix dependent spatial distributions of in situ formed rhodium nanostructures in ion-exchange membranes. Materials Today Chemistry, 2021, 22, 100610.	1.7	0