

Pankaj Kumar

List of Publications by Year in descending order

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34
papers

1,859
citations

516215

16
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433756

31
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all docs

34
docs citations

34
times ranked

2243
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Sensors Based on Organic Conjugated Polymers. <i>Sensors</i> , 2008, 8, 118-141.	2.1	395
2	PVC-based membranes of N,N- ϵ^2 -dibenzyl-1,4,10,13-tetraoxa-7,16-diazacyclooctadecane as Pb(II)-selective sensor. <i>Sensors and Actuators B: Chemical</i> , 2006, 120, 259-265.	4.0	304
3	Determination of Uranyl Ions Using Poly(vinyl chloride) Based 4-tert-Butylcalix[6]arene Membrane Sensor. <i>Electroanalysis</i> , 1999, 11, 573-576.	1.5	223
4	Cadmium(II)-selective sensors based on dibenzo-24-crown-8 in PVC matrix. <i>Analytica Chimica Acta</i> , 1999, 389, 205-212.	2.6	203
5	Synthesis, Characterization, and Magnetic Studies of Ni^{2+}-selective sensors based on dibenzo-24-crown-8 in PVC matrix. <i>Journal of Nanotechnology</i>, 2014, 2014, 1-7.	1.5	121
6	Transesterification of Jatropha and Karanja oils by using waste egg shell derived calcium based mixed metal oxides. <i>Energy Conversion and Management</i> , 2015, 96, 258-267.	4.4	116
7	Zinc(II)-selective sensors based on dibenzo-24-crown-8 in PVC matrix. <i>Analytica Chimica Acta</i> , 2005, 532, 153-158.	2.6	44
8	A novel cobalt(II)-selective potentiometric sensor based on p-(4-n-butylphenylazo)calix[4]arene. <i>Talanta</i> , 2009, 77, 1057-1062.	2.9	44
9	PVC-based membranes of dicyclohexano-24-crown-8 as Cd(II) selective sensor. <i>Electrochimica Acta</i> , 2006, 52, 736-741.	2.6	42
10	The effect of binary antioxidant proportions on antioxidant synergy and oxidation stability of Jatropha and Karanja biodiesels. <i>Energy</i> , 2015, 84, 643-655.	4.5	40
11	Nickel(II)-selective sensor based on dibenzo-18-crown-6 in PVC matrix. <i>Talanta</i> , 2007, 71, 795-800.	2.9	37
12	A New Zn ²⁺ -Selective Sensor Based on 5,10,15,20-Tetraphenyl-21H,23H-porphine in PVC Matrix. <i>Electroanalysis</i> , 2001, 13, 1036-1040.	1.5	35
13	Synthesis, characterization and magnetic properties of monodisperse Ni, Zn-ferrite nanocrystals. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 379, 50-57.	1.0	33
14	PVC Based Monoaza-18-crown-6 Membrane Potentiometric Sensors for Cadmium. <i>Electroanalysis</i> , 2000, 12, 752-756.	1.5	31
15	Molybdate sensor based on 5,10,15,20-tetraphenylporphyrinatocobalt complex in a PVC matrix. <i>Analytica Chimica Acta</i> , 1999, 379, 201-208.	2.6	29
16	An all-solid-state monohydrogen phosphate sensor based on a macrocyclic ionophore. <i>Talanta</i> , 2010, 82, 1107-1112.	2.9	26
17	An All Solid State Potentiometric Sensor for Monohydrogen Phosphate Ions. <i>Electroanalysis</i> , 2013, 25, 1864-1870.	1.5	17
18	A novel Mg(II)-selective sensor based on 5,10,15,20-tetrakis(2-furyl)-21,23-dithiaporphyrin as an electroactive material. <i>Journal of Electroanalytical Chemistry</i> , 2011, 661, 25-30.	1.9	16

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19	Improved Performance of an Amperometric Biosensor with Polydiaminonaphthalene on Electrochemically Deposited Au Nanoparticles. <i>Electroanalysis</i> , 2010, 22, 632-638.	1.5	15
20	Assessment of environmental and ergonomic hazard associated to printing and photocopying: a review. <i>Environmental Geochemistry and Health</i> , 2019, 41, 1187-1211.	1.8	13
21	Epigrammatic status and perspective of sequestration of carbon dioxide: Role of TiO ₂ as photocatalyst. <i>Solar Energy</i> , 2018, 159, 423-433.	2.9	12
22	Estimation of indoor air pollutant during photocopy/printing operation: a computational fluid dynamics (CFD)-based study. <i>Environmental Geochemistry and Health</i> , 2020, 42, 3543-3573.	1.8	12
23	Development of all solid state chromium(III) selective sensor by using newly synthesized triazole derivative as an ionophore in PVC matrix. <i>Electrochimica Acta</i> , 2013, 87, 925-929.	2.6	11
24	Computer-Aided Breast Cancer Diagnosis: Comparative Analysis of Breast Imaging Modalities and Mammogram Repositories. <i>Current Medical Imaging</i> , 2022, 19, 456-468.	0.4	9
25	All Solid State Nickel(II) Selective Potentiometric Sensor Based on an Upper Rim Substituted Calixarene. <i>Electroanalysis</i> , 2012, 24, 2005-2012.	1.5	8
26	Algal biodiesel stabilization with lower concentration of 1:3 ratios of binary antioxidants " Key factors to achieve the best synergy for maximum stabilization. <i>Fuel</i> , 2018, 214, 471-479.	3.4	8
27	Development of Chromium(III) Selective Potentiometric Sensor by Using Synthesized Triazole Derivative as an Ionophore. <i>Journal of Chemistry</i> , 2013, 2013, 1-6.	0.9	4
28	Synthesis of ZnO Nanoparticle and its Application in Catalytic Hydrolysis of p-Acetoxynitrobenzene. <i>International Journal of Nanoscience</i> , 2017, 16, 1750005.	0.4	4
29	Effect of partial compulsory attendance on academic performance of technical education students. <i>Innovations in Education and Teaching International</i> , 2023, 60, 124-133.	1.5	3
30	All Solid State Chromium(III) Selective Potentiometric Sensor Based on 2-((1-((3-(2-Hydroxyphenyl)pyrazol-5-yl)methyl)benzyl)pyrazol-3-yl)phenol. <i>Electroanalysis</i> , 2014, 26, 2161-2167.	1.5	1
31	Determination of Uranyl Ions Using Poly(vinyl chloride) Based 4-tert-Butylcalix[6]arene Membrane Sensor. , 1999, 11, 573.		1
32	PVC Based Monoaza-18-crown-6 Membrane Potentiometric Sensors for Cadmium. , 2000, 12, 752.		1
33	Antimicrobial studies of leaf extracts from <i>Desmodium heterocarpon</i> (L.) DC. Medicinal Plants - <i>International Journal of Phytomedicines and Related Industries</i> , 2014, 6, 206.	0.1	1
34	Prebiotic studies on the interaction of zirconia nanoparticles and ribose nucleotides and their role in chemical evolution. <i>International Journal of Astrobiology</i> , 2021, 20, 142-149.	0.9	0