

# Kallola K Swain

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

63  
citations

1937685

4  
h-index

1588992

8  
g-index

18  
all docs

18  
docs citations

18  
times ranked

57  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of arsenic(III) and arsenic(V) on manganese dioxide: XPS and electrochemical investigations. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 277-285.	1.7	17
2	High purity scandium and ion-exchangers: Application in neutron activation analysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2004, 260, 595-599.	1.5	10
3	Sorption of Nb(V) on pyrolusite ( $\text{MnO}_2$ ): Effect of pH, humic acid, ionic strength, equilibration time and temperature. <i>Applied Radiation and Isotopes</i> , 2019, 154, 108887.	1.5	8
4	Study on the performance and interaction of different synthetic iron oxides for arsenic uptake using $^{76}\text{As}$ radiotracer. <i>Applied Radiation and Isotopes</i> , 2019, 153, 108807.	1.5	7
5	Determination of impurities in graphite using synchrotron radiation based X-ray fluorescence spectrometry. <i>Applied Radiation and Isotopes</i> , 2017, 128, 210-215.	1.5	4
6	An ultrasound assisted reductive method for preparation of $\text{MnO}_2$ : modification of XAD and application in removal of arsenic. <i>Separation Science and Technology</i> , 2020, 55, 1715-1723.	2.5	4
7	Total reflection X-ray fluorescence analysis of high purity quartz: A bottom-up approach of uncertainty evaluation. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021, 178, 106127.	2.9	3
8	X-ray fluorescence analysis of air particulate matter generated at a welding site. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2022, 187, 106328.	2.9	3
9	Role of diet and trace elements in lithogenesis of renal calculi. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 319, 271-278.	1.5	2
10	Effect of different physico-chemical factors on sorption of Pa(V) on iron oxides. <i>Applied Radiation and Isotopes</i> , 2020, 159, 109093.	1.5	2
11	Determination of impurities in copper metal using total reflection X-ray fluorescence spectrometry after matrix separation: Method validation and uncertainty assessment. <i>X-Ray Spectrometry</i> , 2021, 50, 491.	1.4	2
12	Insights into the inter-element effects in the EDXRF determination of zirconium in binary aqueous solutions via the calibration method. <i>Analytical Chemistry Letters</i> , 2021, 11, 83-101.	1.0	1
13	Energy dispersive X-ray fluorescence determination of Fe in solid powder samples: A quality improvement perspective. <i>X-Ray Spectrometry</i> , 2019, 48, 208-217.	1.4	0
14	Characterization of siliceous cake for the beneficiation of $^{231}\text{Pa}$ . <i>Progress in Nuclear Energy</i> , 2021, 134, 103675.	2.9	0
15	Prospective evaluation of EDXRF for studying the cation exchange membrane separation of Co from Zr in oxalic acid media and comparison with radiotracer experiments. <i>Applied Radiation and Isotopes</i> , 2021, 179, 110019.	1.5	0
16	Utilization of thermal neutron induced in-situ chain reactions and the (n,p) reaction with fast neutrons for compositional characterization of lithium titanate. <i>Analytica Chimica Acta</i> , 2022, 1191, 339295.	5.4	0
17	Determination of Sr to Ca ratio in solid carbonate, fluoride, nitrate samples using the fundamental parameters of EDXRF: Experimental and empirical evaluation for non-destructive assay in light matrices. <i>Journal of Analytical Atomic Spectrometry</i> , 0, , .	3.0	0
18	Method Validation and Measurement Uncertainty Evaluation of the Radiochemical Procedure for the Determination of $^{231}\text{Pa}$ in Siliceous Cake by Gamma Spectrometry. <i>Analytical Chemistry Letters</i> , 2022, 12, 174-184.	1.0	0