



Hoda Abd El-Shafy Shilkamy Diab

<https://www.webofscience.com/wos/author/rid/AAV-9910-2021>

Web of Science ResearcherID: [AAV-9910-2021](#)

Current affiliation:

- Faculty of Science, Sohag University from 2010 until present

Publication Metrics

For manuscripts published from date range June 2018 - June 2023

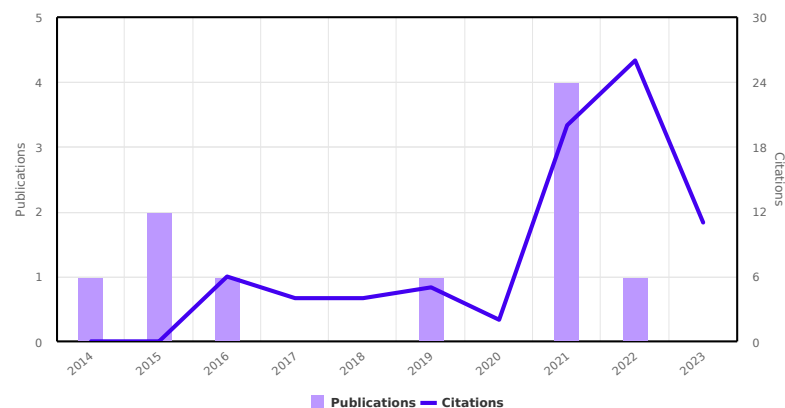
3	47
H-index	Sum of Times Cited
6	6
Publications	Web of Science Core Collection

For all time

5	78
H-index	Sum of Times Cited
10	10
Publications	Web of Science Core Collection

Publication Impact Over Time

Times Cited and Publications Over Time



Publishing Summary

For manuscripts published from date range June 2018 - June 2023

- | | |
|---|--|
| (2) Journal of Solid State Electrochemistry | (1) International Journal of Industrial Chemi... |
| (1) Journal of Alloys and Compounds | (1) International Journal of Hydrogen Energy |
| (1) Scientific Reports | |

Publications

For manuscripts published from date range June 2018 - June 2023 (6)

Times Cited
(All time)

Development of the electrochemical performance of zinc via alloying with indium as anode for alkaline batteries application

21

Authors (3): Elrouby, Mahmoud; Shilkamy, Hoda A. El-Shafy; Elsayed, A.

Published: Feb 2021 in Journal of Alloys and Compounds

DOI: 10.1016/J.JALLCOM.2020.157285

Web of Science accession number: WOS:000596039400009

Corrosion inhibition and adsorption behavior of phytic acid on Pb and Pb-In alloy surfaces in acidic chloride solution

20

Authors (4): Abd El-Lateef, Hany M.; El-Sayed, Abdel-Rahman ... Shilkamy, Hoda Abdel Shafy

Published: Feb 2019 in International Journal of Industrial Chemistry

DOI: 10.1007/S40090-019-0169-4

Web of Science accession number: WOS:000461037500003

The impact of indium metal as a minor bimetal on the anodic dissolution and passivation performance of zinc for alkaline batteries: part I-potentiodynamic, potentiostatic, XRD, SEM, and EDAX studies

3

Authors (3): Elsayed, Abd El-Rahman; Shilkamy, Hoda A. El-Shafy; Elrouby, Mahmoud

Published: 2021 in Journal of Solid State Electrochemistry

DOI: 10.1007/S10008-021-04998-8

Web of Science accession number: WOS:000669163100001

Tracing the influence of small additions of antimony to zinc on the hydrogen evolution and anodic dissolution processes of zinc as anodes for alkaline batteries application

2

Authors (3): El-Sayed, Abd El-Rahman; Shilkamy, Hoda A. El-Shafy; Elrouby, Mahmoud

Published: Sep 2021 in International Journal of Hydrogen Energy

DOI: 10.1016/J.IJHYDENE.2021.07.014

Web of Science accession number: WOS:000689293800003

The impact of indium metal as a minor bimetal on the anodic dissolution and passivation performance of zinc for alkaline batteries. Part II: galvanostatic, impedance spectroscopy, and charge-discharge evaluations

1

Authors (3): Elrouby, Mahmoud; Shilkamy, Hoda A. El-Shafy; Elsayed, Abd El-Rahman

Published: Jul 2021 in Journal of Solid State Electrochemistry

DOI: 10.1007/S10008-021-04996-W

Web of Science accession number: WOS:000669160900001

The passivity breakdown of zinc antimony alloy as an anode in the alkaline batteries

0

Authors (3): El-Sayed, Abd El-Rahman; Shilkamy, Hoda A. El-Shafy; Elrouby, Mahmoud

Published: Nov 2022 in Scientific Reports

DOI: 10.1038/S41598-022-23741-5

Web of Science accession number: WOS:000879914800086

Beamplot Summary

