

Sidra Shafiq

Assistant Professor

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About

Dr. Sidra Shafiq is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Sidra Shafiq has a PhD in Physics. Dr. Sidra Shafiq has published 6 research articles & conference papers having a citation count of 19, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Physics Government College University Lahore , Pakistan	2012 - 2020
MPhil in Particle Physics NUST, Islamabad , Pakistan	2008 - 2011
MSc in Physics University of the Punjab , Pakistan	2005 - 2008
BSc in Maths Phsyics University of the Punjab , Pakistan	2003 - 2005

Experience

Assistant Professor School of Electrical Engineering and Computer Science	2022- Present
Assistant Professor School of Electrical Engineering and Computer Science	2021 - 2022
Assiatant Professor SEECs-NUST , H-12, Islamabad.	2020 - 2021
Assistant Professor International Islamic University, Islamabad. , Islamabad	2020 - 2021
Lecturer International Islamic University, Islamabad. , Islamabad.	2020 - 2020
Lecturer Ali Institute of Education, Lahore. , Ferozepur Road, Lahore	2012 - 2014

Study of fractional order rabies transmission model via Atangana– Baleanu derivative

Adnan Aslam Sidra Shafiq Marya Zainab Takasar Hussain Muhammad Ozair Salah Boulaaras

Scientific Reports , Volume 14, Article Number: 25875

Impact Factor: 3.800 | **Quartile:** 1 | **Citations:** 2

DOI: <https://doi.org/10.1038/s41598-024-77282-0>

2024

Dynamic behaviour of beta decay constant in H-like atoms with intense laser

Sidra Shafiq Nouman Shabbir Zia Ur Rehman Atif Shahbaz

European Physical Journal D , Volume 76, Issue 5, Article Number 78

Impact Factor: 1.425 | **Quartile:** 4

DOI: <https://doi.org/10.1140/epjd/s10053-022-00402-w>

2022

Laser-assisted alpha decay in hydrogen-like Po-212

Sidra Shafiq Zia Ur Rehman Nouman Shabbir Nouman Shabbir

European Physical Journal A , Volume 58, Article Number: 60

Impact Factor: 3.043 | **Quartile:** 2 | **Citations:** 3

DOI: <https://doi.org/10.1140/epja/s10050-022-00715-9>

2022

Charged particle dynamics in the surrounding of Schwarzschild anti-de Sitter black hole with topological defect immersed in an external magnetic field

Sidra Shafiq Saqib Hussain Muhammad Ozair Adnan Aslam Takasar Hussain

European Physical Journal C , Volume 80, Article number: 744

Impact Factor: 4.590 | **Quartile:** 2 | **Citations:** 13

DOI: <https://doi.org/10.1140/epjc/s10052-020-8314-y>

2020

Dynamic nuclear Stark shift in hydrogen-like U-238 via super-intense laser field

Sidra Shafiq Atif Shahbaz

European Physical Journal D , Volume 73, Issue 6, Article Number: 122

Impact Factor: 1.366 | **Quartile:** 4

DOI: [10.1140/epjd/e2019-90705-0](https://doi.org/10.1140/epjd/e2019-90705-0)

2019

Spin-orbit splittings in heavy-light mesons and Dirac equation

Riazuddin Sidra Shafiq

European Physical Journal- C , Volume 72, Issue 3, Article Number: 1925

Impact Factor: 5.436 | **Quartile:** 1 | **Citations:** 1

DOI: [10.1140/epjc/s10052-012-1925-1](https://doi.org/10.1140/epjc/s10052-012-1925-1)

2012