


 Cite this: *RSC Adv.*, 2024, 14, 30756

Expression of Concern: Construction of a binary S-scheme S-g-C₃N₄/Co-ZF heterojunction with enhanced spatial charge separation for sunlight-driven photocatalytic performance

 Ali Bahadur,^a Shahid Iqbal,^{*b} Mohsin Javed,^c Syeda Saba Hassan,^c Sohail Nadeem,^c Ali Akbar,^d Rami M. Alzhrani,^e Murefah Mana Al-Anazy,^f Eslam B. Elkaeed,^g Nasser S. Awwad,^h Hala A. Ibrahim^{ij} and Ayesha Mohyuddin^c

DOI: 10.1039/d4ra90107j

rsc.li/rsc-advances

 Expression of Concern for 'Construction of a binary S-scheme S-g-C₃N₄/Co-ZF heterojunction with enhanced spatial charge separation for sunlight-driven photocatalytic performance' by Ali Bahadur *et al.*, *RSC Adv.*, 2022, 12, 23263–23273, <https://doi.org/10.1039/D1RA08525E>.

RSC Advances is publishing this expression of concern in order to alert readers that concerns have been raised over the integrity of the data published in this article. The authors have been contacted but have not provided the requested raw data. An expression of concern will continue to be associated with the article until a conclusive outcome is reached.

Laura Fisher

17th September 2024

 Executive Editor, *RSC Advances*
^aDepartment of Chemistry, College of Science and Technology, Wenzhou-Kean University, Wenzhou, China

^bDepartment of Chemistry, School of Natural Sciences (SNS), National University of Science and Technology (NUST), H-12, Islamabad, Pakistan. E-mail: shahidiqbal.chem@sns.nust.edu.pk

^cDepartment of Chemistry, School of Science, University of Management and Technology, Lahore, Pakistan

^dDepartment of Physics, University of Agriculture Faisalabad (UAF), Faisalabad, Punjab, Pakistan

^eDepartment of Pharmaceutics and Industrial Pharmacy, College of Pharmacy, Taif University, P. O. Box 11099, Taif 21944, Saudi Arabia

^fDepartment of Chemistry, College of Science, Princess Nourah bint Abdulrahman University, P. O. Box 84428, Riyadh 11671, Saudi Arabia

^gDepartment of Pharmaceutical Sciences, College of Pharmacy, AlMaarefa University, Riyadh 13713, Saudi Arabia

^hChemistry Department, Faculty of Science, King Khalid University, P. O. Box 9004, Abha 61413, Saudi Arabia

ⁱBiology Department, Faculty of Science, King Khalid University, P. O. Box 9004, Abha 61413, Saudi Arabia

^jDepartment of Semi Pilot Plant, Nuclear Materials Authority, P. O. Box 530, El Maadi, Egypt
