

Rashid .

Assistant Professor

School of Natural Sciences

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About

Dr. Rashid . is working as Assistant Professor in the School of Natural Sciences. Dr. Rashid . has a PhD in Metallosupramolecular Chemistry. Dr. Rashid . has published 17 research articles & conference papers having a citation count of 504, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Metallosupramolecular Chemistry University of Queensland , Australia	2016 - 2020
MPhil in Inorganic Chemistry Quaid-i-Azam University , Pakistan	2009 - 2011
MSc in Chemistry Quaid-i-Azam University , Pakistan	2007 - 2009
BSc in Chemistry Botany And Zoology University of the Punjab , Pakistan	2004 - 2006
F.Sc in Science BISE, Rawalpindi , Pakistan	2002 - 2004
Matric (SSC) in Science BISE, Rawalpindi , Pakistan	2000 - 2002

Experience

Assistant Professor School of Natural Sciences	2021- Present
Assistant Professor School of Natural Sciences	2020- Present
Chemist II King Fahd University of Petroleum and minerals , Center of Research Excellence in Nanotechnology, King Fahd University of Petroleum and minerals	2016 - 2020

Awards

Research Articles

Synthesis, kinetics and biological assay of some novel aryl bis-thioureas: A potential drug candidates for Alzheimer's disease <i>Rabail Ujan Pervaiz Ali Channar Ali Bahadur Qamar Abbas Mazloom Shah S.G. Rashid Shahid Iqbal Aamer Saeed Hisham S.M. Abd-Rabboh Hussain Raza Mubashir Hassan Ali Nawaz Siyal Parvez Ali Mahesar Bhajan Lal Kashif Ali Channar Bilal Ahmad Khan Muhammad Nawaz Muhammad Shahid Riaz Rajoka Jung Min Kim</i> <i>Journal of Molecular Structure</i> , Volume 1246, Article Number 131136 Impact Factor: 3.841 Quartile: 3 Citations: 10 DOI: https://doi.org/10.1016/j.molstruc.2021.131136	2021
Designing novel anticancer sulfonamide based 2,5-disubstituted-1,3,4-thiadiazole derivatives as potential carbonic anhydrase inhibitor <i>Mujahid Abas Ali Bahadur Zaman Ashraf Shahid Iqbal Muhammad Shahid Riaz Rajoka S.G. Rashid Erum Jabeen Zafar Iqbal Qamar Abbas Abdul Bais Mubashir Hassan Guocong Liu Kejun Feng Sang Hee Lee Muhammad Nawaz Muhammad Abdul Qayyum</i> <i>Journal of Molecular Structure</i> , Volume 1246, Article Number 131145 Impact Factor: 3.841 Quartile: 3 Citations: 38	2021

The kinetics and mechanism of interconversion within a system of [Fe₂L₃]⁴⁺ helicates and [Fe₄L₆]⁸⁺ cages

2021

Rashid G. Siddique Kasun S. A. Arachchige Hydar A. AL-Fayaad Aidan J. Brock Aaron S. Micallef Ena T. Luis John D. Thoburn John C. McMurtrie Jack K. Clegg

Chemical Communications, Volume 57, Pages 4918-4921

Impact Factor: 6.065 | **Quartile:** 2 | **Citations:** 11

DOI: DOI: 10.1039/d1cc01583d

A two-dimensional coordination polymer formed from cobalt(ii) and an extended dipyriddy ligand

2020

Hydar A. AL-Fayaad, Kasun S. Athukorala Arachchige Jack K. Clegg Hydar A. AL-Fayaad, Rashid G. Siddique Kasun S. Athukorala Arachchige Jack K. Clegg

Australian Journal of Chemistry, Volume 73(6), Pages 547-551

Impact Factor: 1.321 | **Quartile:** 4 | **Citations:** 1

DOI: DOI: 10.1071/CH19468

Enhanced photo-catalytic activity of ordered mesoporous indium oxide nanocrystals in the conversion of CO₂ into methanol

2017

M. A. Gondal M. A. Dastageer L. E. Oloore U. Baig S. G. Rashid M. A. Gondal M. A. Dastageer L. E. Oloore U. Baig

Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, Volume 52(8), Pages 785–793

Impact Factor: 1.561 | **Quartile:** 3 | **Citations:** 20

DOI: <https://doi-org.ezproxy.library.uq.edu.au/10.1080/10934529.2017.1305173>

Facile synthesis, characterization and photocatalytic performance of Au-Ag alloy nanoparticles dispersed on graphitic carbon nitride under visible light irradiations

2016

Mohammed A. Gondal A.A. Adeseda Abdul Hameed Muhammad Aslam Mohammed A. Gondal A.A. Adeseda S.G. Rashid Abdul Hameed Muhammad Aslam Iqbal M.I. Ismail Iqbal M.I. Ismail Umair Baig Mohamed A. Dastageer A.R. Al-Arfaj Ateeq Ur Rehman

Journal of Molecular Catalysis A: Chemical, Volume 423, Pages 114-125

Impact Factor: 4.211 | **Quartile:** 1 | **Citations:** 24

DOI: <http://dx.doi.org/10.1016/j.molcata.2016.06.013>

Facile synthesis and catalytic performance of nanosheet – nanorods g-C₃N₄-Bi₂WO₆ heterojunction catalyst and effect of silver nanoparticles loading on bare Bi₂WO₆ and g-C₃N₄-Bi₂WO₆ for N-deethylation process

2016

Z.S. Seddigi M.A. Gondal S.G. Rashid M.A. Abdulaziz S.A. Ahmed Z.S. Seddigi M.A. Gondal M.A. Abdulaziz S.A. Ahmed

Journal of Molecular Catalysis A: Chemical, Volume 420, Pages 167-177

Impact Factor: 4.211 | **Quartile:** 1 | **Citations:** 46

DOI: <http://dx.doi.org/10.1016/j.molcata.2016.04.026>

Constrained growth of ultrasmall BiOCl nanodiscs with a low percentage of exposed {001} facets and their enhanced photoreactivity under visible light irradiation

2015

Xiaofeng Chang Qi Qi S.G. Rashid Shuangbao Wang M.A. Gondal Deyuan Yang M.A. Dastageer Kai Shen Peng Wang Qingyu Xu

Applied Catalysis B: Environmental, Volumes 176–177, Pages 201-211

Impact Factor: 8.328 | **Quartile:** 1 | **Citations:** 74

DOI: <http://dx.doi.org/10.1016/j.apcatb.2015.03.047>

Insights into the growth of bismuth nanoparticles on 2D structured BiOCl photocatalysts: an in situ TEM investigation

2015

Xiaofeng Chang a Shuangbao Wang Qi Qi Mohammed A. Gondal Xiaofeng Chang a Shuangbao Wang Qi Qi Mohammed A. Gondal Siddique G. Rashid Si Gao Deyuan Yang Kai Shen Qingyu Xu Peng Wang

Dalton Transactions, Volume 44, Pages 15888-15896

Impact Factor: 4.177 | **Quartile:** 1 | **Citations:** 35

DOI: DOI: 10.1039/c5dt02217g

Photo-catalytic deactivation of sulfate reducing bacteria—a comparative study with different catalysts and the preeminence of Pd-loaded WO₃ nanoparticles

2015

Mohammed A. Gondal Mohamed A. Dastageer, Amjad B. Khalil Umair Baig Mohammed A. Gondal Mohamed A. Dastageer, Amjad B. Khalil Siddique G. Rashid Umair Baig

RSC Advances, Volume 5, Issue 63, Pages 51399-51406

Impact Factor: 3.289 | **Quartile:** 2 | **Citations:** 28

DOI: DOI: 10.1039/c5ra10094a

Synthesis, characterization and visible light photocatalytic activity of Cr³⁺, Ce³⁺ and N co-doped TiO₂ for the degradation of humic acid

2015

S. G. Rashid M. A. Gondal A. Hameed M. A. Gondal A. Hameed M. Aslam M. A. Dastageer Z. H. Yamani D. H. Anjum
RSC Advances, Volume 5, Pages 32323-32332

Impact Factor: 3.289 | **Quartile:** 2 | **Citations:** 23

DOI: 10.1039/c5ra00714c

Preparation of WO₃/g-C₃N₄ composites and their enhanced photodegradation of contaminants in aqueous solution under visible light irradiation

2015

M. A. Gondal A. A. Adesid M. A. Gondal A. A. Adesid S. G. Rashid Shan Shi Rashid Khan Z. H. Yamani Kai Shen Q. Xu Zaki S. Seddigi Xiaofeng Chang
Reaction Kinetics, Mechanisms and Catalysis, Volume 114, Pages 357–367

Impact Factor: 1.265 | **Quartile:** 3 | **Citations:** 46

DOI: DOI 10.1007/s11144-014-0787-y

Synthesis of g-C₃N₄/BiOCl_xBr_{1-x} hybrid photocatalysts and the photoactivity enhancement driven by visible light

2014

Shan Shi M.A. Gondal Qi Qi Shan Shi M.A. Gondal S.G. Rashid Qi Qi A.A. Al-Saadi Z.H. Yamani Yihe Sui Qingyu Xu Kai Shen
Colloids and Surfaces A: Physicochemical and Engineering Aspects, Volume 461, Pages 202-211

Impact Factor: 2.752 | **Quartile:** 2 | **Citations:** 53

DOI: <http://dx.doi.org/10.1016/j.colsurfa.2014.07.024>

Preparation of ternary Ag/Ag₃PO₄/g-C₃N₄ hybrid photocatalysts and their enhanced photocatalytic activity driven by visible light

2014

Kai Shen Rashid Ghulam Siddique Jiangbo Sun Qingyu Xu Shan Shi Siqi Wang Mohammed Ashraf Gondal
Chinese Journal of Catalysis, Volume 35, Issue 1, Pages 78-84

Impact Factor: 1.964 | **Quartile:** 2 | **Citations:** 54

DOI: DOI:10.1016/S1872?2067(12)60712?8

Plasmon Resonance Enhanced Photocatalysis Under Visible Light with Au/Cu–TiO₂ Nanoparticles: Removal Cr (VI) from Water as a Case of Study

2013

M.A. Gondal M. A. Dastageer S.G. Rashid D. H. Anjum J. H. Lienhard G. H. McKinley K. Varanasi S. M. Zubair M. A. Ali
Science of Advanced Materials, Volume 5, Pages 1-8

Impact Factor: 2.908 | **Quartile:** 1 | **Citations:** 17

DOI: <https://doi.org/10.1166/sam.2013.1669>

Sol–Gel Synthesis of Au/Cu–TiO₂ Nanocomposite and Their Morphological and Optical Properties

2013

M. A. Gondal S. G. Rashid S. M. Zubair J. H. Lienhard G. H. McKinley K. K. Varanasi M. A. Dastageer M. A. Ali
IEEE Photonics Journal, Volume 5(3), Article Number 2201908

Impact Factor: 2.330 | **Quartile:** 1 | **Citations:** 13

DOI: DOI: 10.1109/JPHOT.2013.2262674

Synthesis of visible light driven cobalt tailored Ag₂O/TiON nano-photocatalyst by reverse micelle processing for degradation of Eriochrome Black T

2013

Syed Tajammul Hussain Rashid Dalaver Anjum Amin Badshah Asima Siddiq
Materials Research Bulletin, Volume 48, Issue 2, Pages 705-714

Impact Factor: 1.968 | **Quartile:** 2 | **Citations:** 11

DOI: <http://dx.doi.org/10.1016/j.materresbull.2012.11.021>