

# Fakhrul Hassan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1216661/publications.pdf>

Version: 2024-02-01

11  
papers

422  
citations

1163117

8  
h-index

1372567

10  
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11  
all docs

11  
docs citations

11  
times ranked

452  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic solar fuel production and environmental remediation through experimental and DFT based research on CdSe-QDs-coupled P-doped-g-C <sub>3</sub> N <sub>4</sub> composites. Applied Catalysis B: Environmental, 2020, 270, 118867.	20.2	165
2	Promoting visible-light photocatalytic activities for carbon nitride based OD/2D/2D hybrid system: Beyond the conventional 4-electron mechanism. Applied Catalysis B: Environmental, 2020, 270, 118870.	20.2	107
3	CRISPRMatch: An Automatic Calculation and Visualization Tool for High-throughput CRISPR Genome-editing Data Analysis. International Journal of Biological Sciences, 2018, 14, 858-862.	6.4	53
4	An Integrated Systems Biology and Network-Based Approaches to Identify Novel Biomarkers in Breast Cancer Cell Lines Using Gene Expression Data. Interdisciplinary Sciences, Computational Life Sciences, 2020, 12, 155-168.	3.6	35
5	Comparative Analysis of Bacteriophytochrome Agp2 and Its Engineered Photoactivatable NIR Fluorescent Proteins PAiRFP1 and PAiRFP2. Biomolecules, 2020, 10, 1286.	4.0	14
6	In Silico Studies on Psilocybin Drug Derivatives Against SARS-CoV-2 and Cytokine Storm of Human Interleukin-6 Receptor. Frontiers in Immunology, 2021, 12, 794780.	4.8	12
7	Effects of reverse genetic mutations on the spectral and photochemical behavior of a photoactivatable fluorescent protein PAiRFP1. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 228, 117807.	3.9	11
8	Impact of amino acid substitutions on the behavior of a photoactivatable near infrared fluorescent protein PAiRFP1. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 253, 119572.	3.9	10
9	Towards an Ensemble Vaccine against the Pegivirus Using Computational Modelling Approaches and Its Validation through In Silico Cloning and Immune Simulation. Vaccines, 2021, 9, 818.	4.4	9
10	Mechanism of pH-induced conformational changes in MurE ligase obtained from <i>Salmonella enterica</i> serovar Typhi. Journal of Biomolecular Structure and Dynamics, 2021, 39, 1898-1905.	3.5	6
11	Addition of Mercury Causes Quenching of NIR Fluorescence Emission Spectra of a Photoactivatable PAiRFP1 Protein. Current Protein and Peptide Science, 2022, 23, .	1.4	0