

# Subodh Kumar Mishra

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

656  
citations

516710

16  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

867  
citing authors

#	ARTICLE	IF	CITATIONS
1	G4IPDB: A database for G-quadruplex structure forming nucleic acid interacting proteins. <i>Scientific Reports</i> , 2016, 6, 38144.	3.3	96
2	Structural insight for the recognition of G-quadruplex structure at human c-myc promoter sequence by flavonoid Quercetin. <i>Scientific Reports</i> , 2017, 7, 3600.	3.3	55
3	Characterization of highly conserved G-quadruplex motifs as potential drug targets in <i>Streptococcus pneumoniae</i> . <i>Scientific Reports</i> , 2019, 9, 1791.	3.3	46
4	Multifunctional Inosine Monophosphate Coordinated Metal-Organic Hydrogel: Multistimuli Responsiveness, Self-Healing Properties, and Separation of Water from Organic Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8659-8671.	6.7	45
5	Characterization of G-Quadruplex Motifs in <i>espB</i> , <i>espK</i> , and <i>cyp51</i> Genes of <i>Mycobacterium tuberculosis</i> as Potential Drug Targets. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 16, 698-706.	5.1	44
6	Identification and characterization of two conserved G-quadruplex forming motifs in the Nipah virus genome and their interaction with G-quadruplex specific ligands. <i>Scientific Reports</i> , 2020, 10, 1477.	3.3	42
7	Myricetin Reduces Toxic Level of CAG Repeats RNA in Huntington's Disease (HD) and Spinocerebellar Ataxia (SCAs). <i>ACS Chemical Biology</i> , 2018, 13, 180-188.	3.4	38
8	Generation and application of DNA aptamers against HspX for accurate diagnosis of tuberculous meningitis. <i>Tuberculosis</i> , 2018, 112, 27-36.	1.9	34
9	G-Quadruplex-Forming DNA Aptamers Inhibit the DNA-Binding Function of HupB and <i>Mycobacterium tuberculosis</i> Entry into Host Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 99-109.	5.1	31
10	Rationally designed small molecules targeting toxic CAG repeat RNA that causes Huntington's disease (HD) and spinocerebellar ataxia (SCAs). <i>Biochimie</i> , 2019, 163, 21-32.	2.6	31
11	Structural switching electrochemical DNA aptasensor for the rapid diagnosis of tuberculous meningitis. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2103-2113.	6.7	24
12	Discovery of a potent small molecule inhibiting Huntington's disease (HD) pathogenesis via targeting CAG repeats RNA and Poly Q protein. <i>Scientific Reports</i> , 2019, 9, 16872.	3.3	24
13	NALDB: nucleic acid ligand database for small molecules targeting nucleic acid. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw002.	3.0	23
14	Piperine Modulates Protein Mediated Toxicity in Fragile X-Associated Tremor/Ataxia Syndrome through Interacting Expanded CGG Repeat (r(CG)exp) RNA. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3778-3788.	3.5	20
15	Theranostic Application of a Novel G-Quadruplex-Forming DNA Aptamer Targeting Malate Synthase of <i>Mycobacterium tuberculosis</i> . <i>Molecular Therapy - Nucleic Acids</i> , 2019, 18, 661-672.	5.1	19
16	Emerging Methods for Structural Analysis of Protein Aggregation. <i>Protein and Peptide Letters</i> , 2017, 24, 331-339.	0.9	18
17	Conserved G-Quadruplex Motifs in Gene Promoter Region Reveals a Novel Therapeutic Approach to Target Multi-Drug Resistance <i>Klebsiella pneumoniae</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1269.	3.5	17
18	G-quadruplex stabilization in the ions and maltose transporters gene inhibit <i>Salmonella enterica</i> growth and virulence. <i>Genomics</i> , 2020, 112, 4863-4874.	2.9	13

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19	Curcumin Regulates the r(CGG) <sub>exp</sub> RNA Hairpin Structure and Ameliorate Defects in Fragile X-Associated Tremor Ataxia Syndrome. <i>Frontiers in Neuroscience</i> , 2020, 14, 295.	2.8	13
20	Mining of Ebola virus genome for the construction of multi-epitope vaccine to combat its infection. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 4815-4831.	3.5	9
21	Ni <sup>2+</sup> permease system of <i>Helicobacter pylori</i> contains highly conserved G-quadruplex motifs. <i>Infection, Genetics and Evolution</i> , 2022, 101, 105298.	2.3	6
22	Small Molecule Screening Discovers Compounds that Reduce FMRpolyG Protein Aggregates and Splicing Defect Toxicity in Fragile X-Associated Tremor/Ataxia Syndrome. <i>Molecular Neurobiology</i> , 2022, 59, 1992.	4.0	4
23	SMMDB: a web-accessible database for small molecule modulators and their targets involved in neurological diseases. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, 1-12.	3.0	3