

# Megha Rai

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

131  
citations

6  
h-index

11  
g-index

14  
ext. papers

198  
ext. citations

4  
avg, IF

2.67  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 14 | Chromosome-level genome assembly of <i>Ophiorrhiza pumila</i> reveals the evolution of camptothecin biosynthesis. <i>Nature Communications</i> , <b>2021</b> , 12, 405   | 17.4 | 24        |
| 13 | Gene-Metabolite Network Analysis Revealed Tissue-Specific Accumulation of Therapeutic Metabolites in. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,   | 6.3  | 3         |
| 12 | Multimiomics-based characterization of specialized metabolites biosynthesis in <i>Cornus Officinalis</i> . <i>DNA Research</i> , <b>2020</b> , 27,   | 4.5  | 6         |
| 11 | Potentiometric and Thermodynamic Studies of (N-[(4-Chlorophenyl) Methylene]Nicotinohydrazide) and Its Transition Metal Complexes. <i>Integrated Ferroelectrics</i> , <b>2020</b> , 205, 88-94  | 0.8  | 2         |
| 10 | Complexation Study of Synthesized Pharmacological Organic Ligands with Samarium. <i>Russian Journal of Inorganic Chemistry</i> , <b>2020</b> , 65, 2046-2052   | 1.5  | 3         |
| 9  | Ultrasound assisted, synthesis of N-(7-(R)-2-oxa-8-azabicyclo[4.2.0]octan-8-yl)isonicotinamide derivatives and their biological evaluation. <i>Journal of Heterocyclic Chemistry</i> , <b>2020</b> , 57, 1228-1235                                 | 1.9  | 4         |
| 8  | ZnFe <sub>2</sub> O <sub>4</sub> Nano-Catalyzed One-Pot Multi-Component Synthesis of Substituted Tetrahydropyranquinoline under Neat Ultrasonic Irradiation. <i>Polycyclic Aromatic Compounds</i> , <b>2020</b> , 1-9                              | 1.3  | 5         |
| 7  | Resource partitioning strategies during toxin production in <i>Microcystis aeruginosa</i> revealed by integrative omics analysis. <i>Algal Research</i> , <b>2019</b> , 42, 101582   | 5    | 5         |
| 6  | Comparative transcriptome analyses of three medicinal <i>Forsythia</i> species and prediction of candidate genes involved in secondary metabolisms. <i>Journal of Natural Medicines</i> , <b>2018</b> , 72, 867-881                                | 3.3  | 9         |
| 5  | Stability constant study of transition metal complexes with pharmacologically active ligand(N-[(4-chlorophenyl)methylene] nicotinohydrazide) by pH metric Technique. <i>International Journal of ChemTech Research</i> , <b>2018</b> , 11, 211-216 | 0.2  | 3         |
| 4  | De Novo Transcriptome Assembly and Characterization of <i>Lithospermum officinale</i> to Discover Putative Genes Involved in Specialized Metabolites Biosynthesis. <i>Planta Medica</i> , <b>2018</b> , 84, 920-934                                | 3.1  | 17        |
| 3  | De Novo RNA Sequencing and Expression Analysis of <i>Aconitum carmichaelii</i> to Analyze Key Genes Involved in the Biosynthesis of Diterpene Alkaloids. <i>Molecules</i> , <b>2017</b> , 22,  | 4.8  | 24        |
| 2  | Coordinate Regulation of Metabolite Glycosylation and Stress Hormone Biosynthesis by TT8 in <i>Arabidopsis</i> . <i>Plant Physiology</i> , <b>2016</b> , 171, 2499-515   | 6.6  | 26        |
| 1  | Synthesis, Magnetic Moment, Antibacterial, and Antifungal Studies of INH Incorporating Schiff Base Metal Complexes. <i>Polycyclic Aromatic Compounds</i> , 1-14  | 1.3  | 0         |