

# Geeta Rai

## List of Publications by Year in descending order

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36  
papers

603  
citations

623734

14  
h-index

610901

24  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1055  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Distinct Autoantibody Profiles in Systemic Lupus Erythematosus Patients are Selectively Associated with TLR7 and TLR9 Upregulation. <i>Journal of Clinical Immunology</i> , 2013, 33, 954-964.  | 3.8 | 66        |
| 2  | The importance of cellular localisation of probes: synthesis, photophysical properties, DNA interactions and cellular imaging properties of rhenium dppz complexes with known cellular localisation vectors. <i>New Journal of Chemistry</i> , 2012, 36, 64-72. | 2.8 | 62        |
| 3  | Beneficial effects of an <i>Andrographis paniculata</i> extract and andrographolide on cognitive functions in streptozotocin-induced diabetic rats. <i>Pharmaceutical Biology</i> , 2016, 54, 1528-1538.  | 2.9 | 54        |
| 4  | RNA-seq Analysis Reveals Unique Transcriptome Signatures in Systemic Lupus Erythematosus Patients with Distinct Autoantibody Specificities. <i>PLoS ONE</i> , 2016, 11, e0166312.   | 2.5 | 49        |
| 5  | Design, synthesis and biological evaluation of novel naturally-inspired multifunctional molecules for the management of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2020, 198, 112257.  | 5.5 | 39        |
| 6  | Differential microRNA Profile and Post-Transcriptional Regulation Exist in Systemic Lupus Erythematosus Patients with Distinct Autoantibody Specificities. <i>Journal of Clinical Immunology</i> , 2014, 34, 491-503.   | 3.8 | 31        |
| 7  | Association of microRNA-146a and its target gene IRAK1 polymorphism with enthesitis related arthritis category of juvenile idiopathic arthritis. <i>Rheumatology International</i> , 2014, 34, 1395-1400.   | 3.0 | 29        |
| 8  | Microarray to deep sequencing: transcriptome and miRNA profiling to elucidate molecular pathways in systemic lupus erythematosus. <i>Immunologic Research</i> , 2016, 64, 14-24.  | 2.9 | 26        |
| 9  | Human Retinal S-Antigen: T Cell Epitope Mapping in Posterior Uveitis Patients. <i>Experimental and Molecular Pathology</i> , 2001, 70, 140-145.   | 2.1 | 25        |
| 10 | Protective Effects of <i>Andrographis paniculata</i> Extract and Pure Andrographolide Against Chronic Stress-Triggered Pathologies in Rats. <i>Cellular and Molecular Neurobiology</i> , 2014, 34, 1111-1121.   | 3.3 | 22        |
| 11 | Potential antianxiety activity of <i>Fumaria indica</i> : A preclinical study. <i>Pharmacognosy Magazine</i> , 2013, 9, 14.   | 0.6 | 19        |
| 12 | Models of Systemic Lupus Erythematosus: Development of Autoimmunity Following Peptide Immunizations of Noninbred Pedigreed Rabbits. <i>Journal of Immunology</i> , 2006, 176, 660-667.  | 0.8 | 18        |
| 13 | Decreased Pattern Recognition Receptor Signaling, Interferon-Signature, and Bactericidal/Permeability-Increasing Protein Gene Expression in Cord Blood of Term Low Birth Weight Human Newborns. <i>PLoS ONE</i> , 2013, 8, e62845.                              | 2.5 | 18        |
| 14 | Gastro-protective and Anti-stress Efficacies of Monomethyl Fumarate and a <i>Fumaria indica</i> Extract in Chronically Stressed Rats. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 621-635.   | 3.3 | 16        |
| 15 | Cytokines in Posterior Uveitis: An Update. <i>Immunologic Research</i> , 2001, 23, 59-74.   | 2.9 | 15        |
| 16 | Differential clearance mechanisms, neutrophil extracellular trap degradation and phagocytosis, are operative in systemic lupus erythematosus patients with distinct autoantibody specificities. <i>Immunology Letters</i> , 2015, 168, 254-259.                 | 2.5 | 15        |
| 17 | Beneficial Effects of <i>Fumaria indica</i> on Chronic Stress-Induced Neurobehavioral and Biochemical Perturbations in Rats. <i>Chinese Medicine</i> , 2012, 03, 49-60.   | 0.3 | 15        |
| 18 | Effects of ethanolic extract of <i>Fumaria indica</i> L. on rat cognitive dysfunctions. <i>AYU: an International Quarterly Journal of Research in Ayurveda</i> , 2013, 34, 421.   | 0.1 | 12        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Exploration of Neuroprotective Properties of a Naturally Inspired Multifunctional Molecule (F24) against Oxidative Stress and Amyloid $\beta$ Induced Neurotoxicity in Alzheimer's Disease Models. ACS Chemical Neuroscience, 2022, 13, 27-42. | 3.5 | 12        |
| 20 | Heat shock protein 27 and its regulatory molecules express differentially in SLE patients with distinct autoantibody profiles. Immunology Letters, 2015, 164, 25-32.   | 2.5 | 11        |
| 21 | Fumaria indica is safe during chronic toxicity and cytotoxicity: A preclinical study. Journal of Pharmacology and Pharmacotherapeutics, 2011, 2, 191-192.  | 0.4 | 9         |
| 22 | Gene Expression Profiles in a Rabbit Model of Systemic Lupus Erythematosus Autoantibody Production. Journal of Immunology, 2010, 185, 4446-4456.   | 0.8 | 8         |
| 23 | A novel formulation of veggies with potent anti-migraine activity. International Journal of Computational Biology and Drug Design, 2015, 8, 54.  | 0.3 | 8         |
| 24 | Decreased Toll-Like Receptor-4/Myeloid Differentiation Factor 88 Response Leads to Defective Interleukin-1 $\beta$ Production in Term Low Birth Weight Newborns. Pediatric Infectious Disease Journal, 2014, 33, 1270-1276.                    | 2.0 | 5         |
| 25 | Identification of Differentially Expressed Hematopoiesis-associated Genes in Term Low Birth Weight Newborns by Systems Genomics Approach. Current Genomics, 2020, 20, 469-482.   | 1.6 | 4         |
| 26 | Anti-Aggressive, Brain Neurotransmitters and Receptor Binding Study of Fumaria indica in Rodents. Current Psychopharmacology, 2012, 1, 195-202.  | 0.3 | 4         |
| 27 | Green Synthesis of Silver Nanoparticles Using Musa balbisiana and Their Cytotoxic Effect on HL-60 and SiHa Cancer Cells Through Clathrin-Mediated Endocytosis. BioNanoScience, 2022, 12, 582-600.  | 3.5 | 4         |
| 28 | New insights on stem cells modeling and treatment of human diseases. Frontiers in Bioscience - Landmark, 2020, 25, 1568-1599.  | 3.0 | 3         |
| 29 | De novo modeling and structural characterization of IL9-IL9 receptor complex: a potential drug target for hematopoietic stem cell therapy. Network Modeling Analysis in Health Informatics and Bioinformatics, 2020, 9, 1.                     | 2.1 | 2         |
| 30 | NETosis in Autoimmunity. , 2019, , 103-130.  |     | 1         |
| 31 | Structural Insights into the IL12:IL12 Receptor Complex Assembly by Molecular Modeling, Docking, and Molecular Dynamics Simulation. Combinatorial Chemistry and High Throughput Screening, 2020, 23, .   | 1.1 | 1         |
| 32 | A novel formulation of veggies with potent liver detoxifying activity. International Journal of Computational Biology and Drug Design, 2015, 8, 75.  | 0.3 | 0         |
| 33 | NETosis in neonates. , 2019, , 89-101.   |     | 0         |
| 34 | A Rabbit Model of Systemic Lupus Erythematosus, Useful for Studies of Neuropsychiatric SLE. , 0, , .   |     | 0         |
| 35 | Quality characteristics of certain promising varieties/genotypes of urd bean (Vigna mungo L.). Indian Journal of Agricultural Biochemistry, 2020, 33, 201-204.   | 0.0 | 0         |
| 36 | Immunogenetic perspective of inflammatory disorders. , 2022, , 185-218.  |     | 0         |