

Amit K Gupta

List of Publications by Year in descending order

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91
papers

2,021
citations

304743

22
h-index

289244

40
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docs citations

95
times ranked

3649
citing authors

#	ARTICLE	IF	CITATIONS
1	GATA1-mutant clones are frequent and often unsuspected in babies with Down syndrome: identification of a population at risk of leukemia. <i>Blood</i> , 2013, 122, 3908-3917.	1.4	162
2	Wilm's Tumor-1 Protein Levels in Urinary Exosomes from Diabetic Patients with or without Proteinuria. <i>PLoS ONE</i> , 2013, 8, e60177.	2.5	121
3	Radiogenomic analysis of hypoxia pathway is predictive of overall survival in Glioblastoma. <i>Scientific Reports</i> , 2018, 8, 7.	3.3	113
4	PARK2 Depletion Connects Energy and Oxidative Stress to PI3K/Akt Activation via PTEN S-Nitrosylation. <i>Molecular Cell</i> , 2017, 65, 999-1013.e7.	9.7	103
5	Discovery of Imidazo[1,2- <i>a</i>]pyridine Ethers and Squaramides as Selective and Potent Inhibitors of Mycobacterial Adenosine Triphosphate (ATP) Synthesis. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1379-1399.	6.4	92
6	Paclitaxel-loaded solid lipid nanoparticles modified with Tyr-3-octreotide for enhanced anti-angiogenic and anti-glioma therapy. <i>Acta Biomaterialia</i> , 2016, 38, 69-81.	8.3	75
7	Garcinol loaded vitamin E TPGS emulsified PLGA nanoparticles: preparation, physicochemical characterization, in vitro and in vivo studies. <i>Scientific Reports</i> , 2017, 7, 530.	3.3	71
8	Real-time ultrasound-guided percutaneous renal biopsy with needle guide by nephrologists decreases post-biopsy complications. <i>CKJ: Clinical Kidney Journal</i> , 2015, 8, 151-156.	2.9	67
9	Discovery of High-Affinity Noncovalent Allosteric KRAS Inhibitors That Disrupt Effector Binding. <i>ACS Omega</i> , 2019, 4, 2921-2930.	3.5	67
10	Phosphatidylinositol 5-phosphate 4-kinase (PIP4K) regulates TOR signaling and cell growth during <i>Drosophila</i> development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5963-5968.	7.1	66
11	Fungal Keratitis in North India: Spectrum of Agents, Risk Factors and Treatment. <i>Mycopathologia</i> , 2016, 181, 843-850.	3.1	61
12	Female gender is associated with higher risk of disease recurrence in patients with primary T1 high-grade urothelial carcinoma of the bladder. <i>World Journal of Urology</i> , 2013, 31, 1029-1036.	2.2	55
13	Design and synthesis of ER α /ER β selective coumarin and chromene derivatives as potential anti-breast cancer and anti-osteoporotic agents. <i>RSC Advances</i> , 2014, 4, 8828-8845.	3.6	50
14	30-Day In-hospital Trauma Mortality in Four Urban University Hospitals Using an Indian Trauma Registry. <i>World Journal of Surgery</i> , 2016, 40, 1299-1307.	1.6	49
15	Pharmacophore modelling, molecular docking and virtual screening for EGFR (HER 1) tyrosine kinase inhibitors. <i>SAR and QSAR in Environmental Research</i> , 2011, 22, 239-263.	2.2	41
16	Effect of Body Mass Index on Outcomes of Peritoneal Dialysis Patients in India. <i>Peritoneal Dialysis International</i> , 2014, 34, 399-408.	2.3	36
17	Multi-target, ensemble-based virtual screening yields novel allosteric KRAS inhibitors at high success rate. <i>Chemical Biology and Drug Design</i> , 2019, 94, 1441-1456.	3.2	33
18	Obesity is associated with increased risk of invasive penile cancer. <i>BMC Urology</i> , 2016, 16, 42.	1.4	30

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19	A UK wide cohort study describing management and outcomes for infants with surgical Necrotising Enterocolitis. <i>Scientific Reports</i> , 2017, 7, 41149.	3.3	25
20	Assessment of allograft function using diffusion-weighted magnetic resonance imaging in kidney transplant patients. <i>Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia</i> , 2014, 25, 1143.	0.3	25
21	Early feeding in pediatric patients following stoma closure in a resource limited environment. <i>Journal of Pediatric Surgery</i> , 2013, 48, 977-982.	1.6	24
22	Iodine catalyzed solvent-free cross-dehydrogenative coupling of arylamines and H-phosphonates for the synthesis of N-arylphosphoramidates under atmospheric conditions. <i>Tetrahedron Letters</i> , 2014, 55, 1544-1548.	1.4	24
23	Is basiliximab induction, a novel risk factor for new onset diabetes after transplantation for living donor renal allograft recipients?. <i>Nephrology</i> , 2014, 19, 244-250.	1.6	23
24	Experience with direct acting anti-viral agents for treating hepatitis C virus infection in renal transplant recipients. <i>Indian Journal of Gastroenterology</i> , 2017, 36, 137-140.	1.4	23
25	Pharmacophore Modeling of Substituted 1,2,4-Trioxanes for Quantitative Prediction of their Antimalarial Activity. <i>Journal of Chemical Information and Modeling</i> , 2010, 50, 1510-1520.	5.4	22
26	Common mechanisms regulating dark noise and quantum bump amplification in <i>Drosophila</i> photoreceptors. <i>Journal of Neurophysiology</i> , 2013, 109, 2044-2055.	1.8	22
27	Scaffold morphing leading to evolution of 2,4-diaminoquinolines and aminopyrazolopyrimidines as inhibitors of the ATP synthesis pathway. <i>MedChemComm</i> , 2016, 7, 1022-1032.	3.4	22
28	Epidemiological study of patients of road traffic injuries attending emergency department of a trauma center in New Delhi. <i>Indian Journal of Critical Care Medicine</i> , 2017, 21, 678-683.	0.9	22
29	Etiology and clinical profile of childhood optic nerve atrophy at a tertiary eye care center in South India. <i>Indian Journal of Ophthalmology</i> , 2014, 62, 1003.	1.1	21
30	FGF23 is associated with early post-transplant hypophosphataemia and normalizes faster than iPTH in living donor renal transplant recipients: a longitudinal follow-up study. <i>CKJ: Clinical Kidney Journal</i> , 2016, 9, 669-676.	2.9	19
31	Integrated ligand and structure based studies of flavonoids as fatty acid biosynthesis inhibitors of <i>Plasmodium falciparum</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 4779-4781.	2.2	18
32	Design and Development of Amphotericin B Bearing Polycaprolactone Microparticles for Macrophage Targeting. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 50-51.	1.1	18
33	Toward the Identification of a Reliable 3D QSAR Pharmacophore Model for the CCK2 Receptor Antagonism. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 1376-1390.	5.4	18
34	Refractive outcomes and prediction error following secondary intraocular lens implantation in children: a decade-long analysis. <i>British Journal of Ophthalmology</i> , 2013, 97, 1516-1519.	3.9	17
35	Identification of Novel S-Adenosyl-L-Homocysteine Hydrolase Inhibitors through Homology-Model-Based Virtual Screening, Synthesis, and Biological Evaluation. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 777-791.	5.4	16
36	Identification of Novel Amino Acid Derived CCK-2R Antagonists As Potential Antiulcer Agent: Homology Modeling, Design, Synthesis, and Pharmacology. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 176-187.	5.4	16

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37	Association of impaired baroreflex sensitivity and increased arterial stiffness in peritoneal dialysis patients. <i>Clinical and Experimental Nephrology</i> , 2016, 20, 302-308.	1.6	16
38	Giant cystic pheochromocytoma: A silent entity. <i>Urology Annals</i> , 2016, 8, 384.	0.6	16
39	3D-QSAR CoMFA and CoMSIA studies on a set of diverse α -adrenergic receptor antagonists. <i>Medicinal Chemistry Research</i> , 2011, 20, 1455-1464.	2.4	14
40	Epidemiology and outcomes of <i>Stenotrophomonas maltophilia</i> and <i>Burkholderia cepacia</i> infections among trauma patients of India: a five year experience. <i>Journal of Infection Prevention</i> , 2015, 16, 103-110.	0.9	14
41	Cost benefit analysis of a two dissimilar unit cold standby system with Weibull failure and repair laws. <i>International Journal of Systems Assurance Engineering and Management</i> , 2013, 4, 327-334.	2.4	13
42	Efficacy of split hours part-time patching versus continuous hours part-time patching for treatment of anisometropic amblyopia in children: a pilot study. <i>British Journal of Ophthalmology</i> , 2013, 97, 874-878.	3.9	13
43	Motorised Two-Wheeler Crash and Helmets: Injury Patterns, Severity, Mortality and the Consequence of Gender Bias. <i>World Journal of Surgery</i> , 2014, 38, 215-221.	1.6	13
44	Urinary β -microglobulin can predict delayed graft function in living donor renal allograft recipients. <i>Nephrology</i> , 2015, 20, 801-806.	1.6	13
45	Prehospital notification for major trauma patients requiring emergency hospital transport: A systematic review. <i>Journal of Evidence-Based Medicine</i> , 2017, 10, 212-221.	2.4	13
46	Investigation of deep-level defects in Cu(In,Ga)Se ₂ thin films by two-wavelength excitation photo-capacitance spectroscopy. <i>Applied Physics Letters</i> , 2013, 103, 163905.	3.3	12
47	Penetrating neck injury: Collaterals for another life after ligation of common carotid artery and subclavian artery. <i>Chinese Journal of Traumatology - English Edition</i> , 2017, 20, 56-58.	1.4	12
48	Characterization of Cu(In,Ga)Se ₂ grown by MBE by two-wavelength excited photoluminescence spectroscopy. <i>Journal of Crystal Growth</i> , 2013, 378, 162-164.	1.5	11
49	Individualism vs collectivism and tenure intent among knowledge workers in India and Bulgaria: Moderating effects of equity perceptions and task interdependence. <i>Journal of High Technology Management Research</i> , 2014, 25, 201-209.	4.9	11
50	Idiopathic membranous nephropathy in patients with diabetes mellitus: a diagnostic and therapeutic quandary!. <i>CKJ: Clinical Kidney Journal</i> , 2018, 11, 46-50.	2.9	11
51	Critical care issues in solid organ injury: Review and experience in a tertiary trauma center. <i>Saudi Journal of Anaesthesia</i> , 2014, 8, 29.	0.7	10
52	Lung deposition and clearance of microparticle and nanoparticle C60 fullerene aggregates in B6C3F1 mice and Wistar Han rats following nose-only inhalation for 13 weeks. <i>Toxicology</i> , 2016, 339, 87-96.	4.2	10
53	First Report on a Cluster of Colistin-Resistant <i>Klebsiella pneumoniae</i> Strains Isolated from a Tertiary Care Center in India: Whole-Genome Shotgun Sequencing. <i>Genome Announcements</i> , 2017, 5, .	0.8	10
54	Role of Laparoscopy in Patients With Abdominal Trauma at Level-I Trauma Center. <i>Surgical Laparoscopy, Endoscopy and Percutaneous Techniques</i> , 2018, 28, 20-25.	0.8	10

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55	Traumatic Diaphragmatic Injury: A Marker of Serious Injury Challenging Trauma Surgeons. <i>Indian Journal of Surgery</i> , 2015, 77, 666-669.	0.3	9
56	Isolation of bacterial DNA followed by sequencing and differing cytokine response in peritoneal dialysis effluent help in identifying bacteria in culture negative peritonitis. <i>Nephrology</i> , 2018, 23, 148-154.	1.6	9
57	Isolated abducens nerve palsy with hyperhomocysteinemia: Association and outcomes. <i>Indian Journal of Ophthalmology</i> , 2013, 61, 598.	1.1	8
58	Superior Oblique Palsy. <i>Asia-Pacific Journal of Ophthalmology</i> , 2014, 3, 158-163.	2.5	8
59	Depressed Monocytic Activity may be a Predictor for Sepsis. <i>Journal of Laboratory Physicians</i> , 2015, 7, 026-031.	1.1	8
60	Safety and effectiveness of response-guided therapy using pegylated interferon and ribavirin for chronic hepatitis C virus infection in patients on maintenance dialysis. <i>Nephrology</i> , 2017, 22, 706-711.	1.6	8
61	Refined glufosinate selection and its extent of exposure for improving the <i>Agrobacterium</i>-mediated transformation in Indian soybean (<i>Glycine</i> Tj ETQq1 1 0.784314.ogBT /Overlock 107	0.7	7
62	Nonoperative Management of Traumatic Chylothorax. <i>Indian Journal of Surgery</i> , 2013, 75, 465-468.	0.3	6
63	Patterns of injury among motorized two-wheeler pillion riders in New Delhi, India. <i>Journal of Surgical Research</i> , 2016, 205, 142-146.	1.6	6
64	Exploring the Potential of ^{99m} Tc(CO) ₃ -Labeled Triazolyl Peptides for Tumor Diagnosis. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2016, 31, 110-117.	1.0	6
65	The effect of percutaneous coronary revascularization on plasma N-terminal pro-B-type natriuretic peptide levels in stable coronary artery disease. <i>Indian Heart Journal</i> , 2018, 70, 282-288.	0.5	6
66	Triple-layered QSAR studies on substituted 1,2,4-trioxanes as potential antimalarial agents: superiority of the quantitative pharmacophore-based alignment over common substructure-based alignment. <i>SAR and QSAR in Environmental Research</i> , 2013, 24, 119-134.	2.2	5
67	Association of tumour necrosis factor- α polymorphism in patients with end stage renal disease. <i>Nephrology</i> , 2015, 20, 387-391.	1.6	5
68	Design, Synthesis, and Biological Evaluation of Novel 1,2,4-Trioxanes as Potential Antimalarial Agents. <i>Archiv Der Pharmazie</i> , 2017, 350, 1600335.	4.1	5
69	Synthesis, <sc>SAR</sc> and docking studies of substituted aryl phenylthiazolyl phenylcarboxamide as potential protein tyrosine phosphatase 1B (<sc>PTP</sc>1B) inhibitors. <i>Chemical Biology and Drug Design</i> , 2019, 94, 1378-1389.	3.2	5
70	Molecular Modelling Based Target Identification for Endo-Peroxides Class of Antimalarials. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2015, 18, 199-207.	1.1	5
71	Innocuous cardiac gunshot that proved fatal: A bitter lesson learned. <i>Chinese Journal of Traumatology - English Edition</i> , 2017, 20, 122-124.	1.4	3
72	Is CAPD a viable option among ADPKD with end stage renal disease population in India? Its outcomes and economics. <i>Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia</i> , 2015, 26, 906.	0.3	3

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73	Primary Paranasal Tuberculosis in a Diabetic Mimicking Odontogenic Infection: A Rare Case; A Unique Presentation. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2016, 10, ZD19-21.	0.8	3
74	Damage Control Surgery â€“ 6 years experiences at a Level 1 Trauma Centre. <i>Ulusal Travma Ve Acil Cerrahi Dergisi</i> , 2017, 23, 322-327.	0.3	3
75	Luminex Solid-Phase Crossmatch for De Novo Donor-Specific Antibodies in Living-Donor Related Transplants. <i>Experimental and Clinical Transplantation</i> , 2017, 15, 394-399.	0.5	3
76	Correlating MDCT Liver Injury Grade and Clinical Outcome in Patients Without Significant Extra-hepatic Injury. <i>Indian Journal of Surgery</i> , 2016, 78, 275-280.	0.3	2
77	Anti-phospholipase A2 receptor antibody in membranous nephropathy; an Indian experience. <i>Journal of Renal Injury Prevention</i> , 2018, 7, 16-21.	0.2	2
78	Purification and Physicochemical Characterization of a Trypsin Inhibitor from <i>Cassia absus</i> Linn. <i>Protein and Peptide Letters</i> , 2013, 21, 108-114.	0.9	2
79	Lipid Lowering Oxopropanylindole Hydrazone Derivatives with Antioxidant and Anti-hyperglycemic Activity. <i>Current Topics in Medicinal Chemistry</i> , 2019, 18, 2256-2265.	2.1	2
80	Delayed torrential haemorrhage after firearm injury. <i>BMJ Case Reports</i> , 2014, 2014, bcr2013201686-bcr2013201686.	0.5	1
81	Toll-like receptors TLR4 (Asp299Gly and Thr399Ile) and TLR2 (Arg677Trp and Arg753Gln) gene polymorphisms in end-stage renal disease patients on peritoneal dialysis. <i>International Urology and Nephrology</i> , 2015, 47, 2031-2037.	1.4	1
82	Integrated Ligand and Structure-Based Investigation of Structural Requirements for Silent Information Regulator 1 (SIRT1) Activation. <i>Current Topics in Medicinal Chemistry</i> , 2019, 18, 2313-2324.	2.1	1
83	The many faces of infection in a hemodialysis patient. <i>Kidney International</i> , 2014, 86, 1064.	5.2	0
84	Multi-Conformer Hierarchical Virtual Screening Workflow to Identify Potential K-Ras Inhibitors. <i>Biophysical Journal</i> , 2017, 112, 349a-350a.	0.5	0
85	Early versus late institution of plasma exchange therapy in pregnancy induced thrombotic microangiopathy and its effects on clinical outcomesâ€“A case series. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 221, 129-134.	1.1	0
86	The use of continuous ambulatory peritoneal dialysis for patients with end-stage renal disease and pre-existing advanced liver disease. <i>Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia</i> , 2013, 24, 719.	0.3	0
87	Non-invasive screening tool for chronic kidney disease. <i>Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia</i> , 2015, 26, 1311.	0.3	0
88	Spondylometaphyseal Dysplasia With Developmental Cataract: First Report of the Association in Two Sibling Pairs. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , 2015, 52, 126-127.	0.7	0
89	The Chennai consensus on in-hospital trauma care for India. <i>Journal of Emergencies, Trauma and Shock</i> , 2016, 9, 90.	0.7	0
90	Neurology of renal disorders. <i>Neurology India</i> , 2018, 66, 55.	0.4	0

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91	Meet Our Executive Guest Editor. Current Topics in Medicinal Chemistry, 2019, 18, 2197-2198.	2.1	0