

# Gopal Gupta

## List of Publications by Year in descending order

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45  
papers

729  
citations

567281

15  
h-index

580821

25  
g-index

45  
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45  
docs citations

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times ranked

1214  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gr/gr deletions on Y-chromosome correlate with male infertility: an original study, meta-analyses and trial sequential analyses. <i>Scientific Reports</i> , 2016, 6, 19798.	3.3	64
2	Sensitization of androgen refractory prostate cancer cells to anti-androgens through re-expression of epigenetically repressed androgen receptor $\alpha$ – Synergistic action of quercetin and curcumin. <i>Molecular and Cellular Endocrinology</i> , 2016, 431, 12-23.	3.2	59
3	Genome-wide differential methylation analyses identifies methylation signatures of male infertility. <i>Human Reproduction</i> , 2018, 33, 2256-2267.	0.9	51
4	Apigenin manipulates the ubiquitin-proteasome system to rescue estrogen receptor- $\beta$ from degradation and induce apoptosis in prostate cancer cells. <i>European Journal of Nutrition</i> , 2015, 54, 1255-1267.	3.9	42
5	Potentiating Metronidazole Scaffold against Resistant <i>Trichomonas</i> : Design, Synthesis, Biology and 3D-QSAR Analysis. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 83-87.	2.8	37
6	Increased DNA methylation in the spermatogenesis-associated (SPATA) genes correlates with infertility. <i>Andrology</i> , 2020, 8, 602-609.	3.5	37
7	The thermo-sensitive gene expression signatures of spermatogenesis. <i>Reproductive Biology and Endocrinology</i> , 2018, 16, 56.	3.3	34
8	Disulfiram and its novel derivative sensitize prostate cancer cells to the growth regulatory mechanisms of the cell by re-expressing the epigenetically repressed tumor suppressor estrogen receptor $\beta$ . <i>Molecular Carcinogenesis</i> , 2016, 55, 1843-1857.	2.7	31
9	Synthesis and biological evaluation of some novel triazole hybrids of curcumin mimics and their selective anticancer activity against breast and prostate cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4223-4232.	2.2	31
10	Microbicidal spermicide or spermicidal microbicide?. <i>European Journal of Contraception and Reproductive Health Care</i> , 2005, 10, 212-218.	1.5	27
11	Dithiocarbamate-thiourea hybrids useful as vaginal microbicides also show reverse transcriptase inhibition: Design, synthesis, docking and pharmacokinetic studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 881-886.	2.2	26
12	Novel metronidazole-chalcone conjugates with potential to counter drug resistance in <i>Trichomonas vaginalis</i> . <i>European Journal of Medicinal Chemistry</i> , 2014, 79, 89-94.	5.5	25
13	The dynamics of gene expression during and post meiosis sets the sperm agenda. <i>Molecular Reproduction and Development</i> , 2019, 86, 1921-1939.	2.0	20
14	Oleanolic-bioenhancer coloaded chitosan modified nanocarriers attenuate breast cancer cells by multimode mechanism and preserve female fertility. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 1345-1358.	7.5	18
15	Array-based DNA methylation profiling reveals peripheral blood differential methylation in male infertility. <i>Fertility and Sterility</i> , 2019, 112, 61-72.e1.	1.0	17
16	Azoospermic infertility is associated with altered expression of DNA repair genes. <i>DNA Repair</i> , 2019, 75, 39-47.	2.8	16
17	2-Methyl-4/5-nitroimidazole derivatives potentiated against sexually transmitted <i>Trichomonas</i> : Design, synthesis, biology and 3D-QSAR study. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 820-839.	5.5	15
18	Role of disulfide linkage in action of bis(dialkylaminethiocarbonyl)disulfides as potent double-Edged microbicidal spermicide: Design, synthesis and biology. <i>European Journal of Medicinal Chemistry</i> , 2016, 115, 275-290.	5.5	14

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19	Novel alkylphospholipid-DTC hybrids as promising agents against endocrine related cancers acting via modulation of Akt-pathway. <i>European Journal of Medicinal Chemistry</i> , 2014, 85, 638-647.	5.5	13
20	Design of folic acid conjugated chitosan nano-curâ€bioenhancers to attenuate the hormone-refractory metastatic prostate carcinoma by augmenting oral bioavailability. <i>RSC Advances</i> , 2016, 6, 25137-25148.	3.6	12
21	Design and synthesis of substituted morpholin/piperidin-1-yl-carbamodithioates as promising vaginal microbicides with spermicidal potential. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5782-5786.	2.2	11
22	N-Alkyl/aryl-4-(3-substituted-3-phenylpropyl)piperazine-1-carbothioamide as dual-action vaginal microbicides with reverse transcriptase inhibition. <i>European Journal of Medicinal Chemistry</i> , 2015, 101, 640-650.	5.5	11
23	Energy Utilization for Survival and Fertilizationâ€Parsimonious Quiescent Sperm Turn Extravagant on Motility Activation in Rat1. <i>Biology of Reproduction</i> , 2016, 94, 96.	2.7	11
24	Design and synthesis of coumarinâ€glyoxal hybrids for spermicidal and antimicrobial actions: a dual approach to contraception. <i>RSC Advances</i> , 2016, 6, 76288-76297.	3.6	10
25	Quantitative determination of microbicidal spermicide â€nonoxynol-9â€™ in rabbit plasma and vaginal fluid using LCâ€ESIâ€MS/MS: Application to pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 965, 127-132.	2.3	9
26	Design and synthesis of $\beta$ -butyrolactone derivatives as potential spermicidal agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3903-3906.	2.2	9
27	Ammonium salts of carbamodithioic acid as potent vaginal trichomonacides and fungicides. <i>International Journal of Antimicrobial Agents</i> , 2016, 47, 36-47.	2.5	9
28	SNPs in ERCC1, ERCC2, and XRCC1 genes of the DNA repair pathway and risk of male infertility in the Asian populations: association study, meta-analysis, and trial sequential analysis. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 79-90.	2.5	9
29	Innovative Disulfide Esters of Dithiocarbamic Acid as Womenâ€Controlled Contraceptive Microbicides: A Biososterism Approach. <i>ChemMedChem</i> , 2015, 10, 1739-1753.	3.2	8
30	Design, synthesis and biological profiling of aryl piperazine based scaffolds for the management of androgen sensitive prostatic disorders. <i>MedChemComm</i> , 2016, 7, 2111-2121.	3.4	8
31	Histone Methylation Regulates Gene Expression in the Round Spermatids to Set the RNA Payloads of Sperm. <i>Reproductive Sciences</i> , 2022, 29, 857-882.	2.5	7
32	Inflammation driven tumorâ€like signaling in prostatic epithelial cells by sexually transmitted <i>Trichomonas vaginalis</i> . <i>International Journal of Urology</i> , 2021, 28, 225-240.	1.0	6
33	Coding and regulatory transcriptome comparisons between fertile and infertile spermatozoaâ€identify <scp>RNA</scp> signatures of male infertility. <i>Andrologia</i> , 2022, 54, e14437.	2.1	6
34	Concomitant and discrete expressions of aldose reductase and sorbitol dehydrogenase in the male reproductive tract. <i>Acta Histochemica</i> , 2016, 118, 776-783.	1.8	5
35	Novel aryl piperazines for alleviation of â€andropauseâ€™ associated prostatic disorders and depression. <i>European Journal of Medicinal Chemistry</i> , 2017, 132, 204-218.	5.5	5
36	Designed modulation of sex steroid signaling inhibits telomerase activity and proliferation of human prostate cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2014, 280, 323-334.	2.8	4

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37	miRNA Profiling of Major Testicular Germ Cells Identifies Stage-Specific Regulators of Spermatogenesis. <i>Reproductive Sciences</i> , 2022, 29, 3477-3493.	2.5	4
38	A precisely substituted benzopyran targets androgen refractory prostate cancer cells through selective modulation of estrogen receptors. <i>Toxicology and Applied Pharmacology</i> , 2015, 283, 187-197.	2.8	3
39	Substituted carbamothioic amine-1-carbothioic thioanhydrides as novel trichomonocidal fungicides: Design, synthesis, and biology. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 632-645.	5.5	2
40	Cell signaling in sperm midpiece ensures quiescence and survival in cauda epididymis. <i>Reproduction</i> , 2021, 162, 339-351.	2.6	2
41	Evolving Novel Chemical Entities for Management of Benign Prostatic Hyperplasia#. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017, 17, 593-602.	2.4	1
42	Timing feedback-inhibition of the male reproductive hormone axis. <i>Nature Precedings</i> , 2008, , .	0.1	0
43	N-alkyl/aryl-4-(2-Substituted-3-Phenylpropyl) Piperazine-1-Carbothioamide as Vaginal Microbicide with RT Inhibition: Synthesis, Docking and PK Studies. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A261-A261.	1.1	0
44	Experimental dapsone administration induces infertility in male Wistar rats: Mechanisms and clinical implications. <i>Pathophysiology</i> , 2019, 26, 289-303.	2.2	0
45	Homopiperazine Derived Female Controlled Vaginal Trichomonocidal Contraceptive: An Addition to Structure-Activity Relationship. <i>Medicinal Chemistry</i> , 2018, 14, 773-783.	1.5	0