# Nilanjan Roy

## List of Publications by Year in Descending Order



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| 58 papers | 1,516 citations | 21 h-index | 37 g-index |
| 64 ext. papers | 1,674 ext. citations | 4.5 avg, IF | 4.44 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 58 | Path of intertemporal cooperation and limits to turn-taking behavior. *Journal of Economic Behavior and Organization*, **2019**, 165, 21-36 | 1.6 | 2 |
| 57 | Costly Information Acquisition, Social Networks, and Asset Prices: Experimental Evidence. *Journal of Finance*, **2019**, 74, 1975-2010 | 6.4 | 11 |
| 56 | Ribose 5-phosphate isomerase B knockdown compromises Trypanosoma brucei bloodstream form infectivity. *PLoS Neglected Tropical Diseases*, **2015**, 9, e3430 | 4.8 | 15 |
| 55 | Screening of potential targets in Plasmodium falciparum using stage-specific metabolic network analysis. *Molecular Diversity*, **2015**, 19, 991-1002 | 3.1 | 5 |
| 54 | Marshall and Walras, disequilibrium trades and the dynamics of equilibration in the continuous double auction market. *Journal of Economic Behavior and Organization*, **2013**, 94, 190-205 | 1.6 | 7 |
| 53 | In silico screening for identification of novel HIV-1 integrase inhibitors using QSAR and docking methodologies. *Medicinal Chemistry Research*, **2013**, 22, 5014-5028 | 2.2 | 8 |
| 52 | QSAR Study of Curcumine Derivatives as HIV-1 Integrase Inhibitors. *Current Computer-Aided Drug Design*, **2013**, 9, 141-150 | 1.4 | 1 |
| 51 | Cytotoxicity and Cell Death Mechanisms Induced by a Novel Bisnaphthalimidopropyl Derivative against the NCI-H460 non-small Lung Cancer Cell Line. *Anti-Cancer Agents in Medicinal Chemistry*, **2013**, 13, 414-421 | 2.2 | 1 |
| 50 | Knockdown of asparagine synthetase A renders Trypanosoma brucei auxotrophic to asparagine. *PLoS Neglected Tropical Diseases*, **2013**, 7, e2578 | 4.8 | 12 |
| 49 | QSAR Study of Curcumine Derivatives as HIV-1 Integrase Inhibitors. *Current Computer-Aided Drug Design*, **2013**, 9, 141-150 | 1.4 | 11 |
| 48 | Cytotoxicity and cell death mechanisms induced by a novel bisnaphthalimidopropyl derivative against the NCI-H460 non-small lung cancer cell line. *Anti-Cancer Agents in Medicinal Chemistry*, **2013**, 13, 414-21 | 2.2 | 8 |
| 47 | Identification of novel HIV-1 integrase inhibitors using shape-based screening, QSAR, and docking approach. *Chemical Biology and Drug Design*, **2012**, 79, 835-49 | 2.9 | 20 |
| 46 | Anti-leishmanial activity of the bisnaphthalimidopropyl derivatives. *Parasitology International*, **2012**, 61, 360-3 | 2.1 | 15 |
| 45 | Hepatocyte nuclear factor-1alpha mediated upregulation of albumin expression in focal ischemic rat brain. *Neurological Research*, **2012**, 34, 25-31 | 2.7 | 2 |
| 44 | Comparative analysis of gene expression and regulation of replicative aging associated genes in S. cerevisiae. *Molecular BioSystems*, **2011**, 7, 403-10 | | 1 |
| 43 | Calorie restriction up-regulates iron and copper transport genes in Saccharomyces cerevisiae. *Molecular BioSystems*, **2011**, 7, 394-402 | | 8 |
| 42 | Comparative docking and CoMFA analysis of curcumine derivatives as HIV-1 integrase inhibitors. *Molecular Diversity*, **2011**, 15, 733-50 | 3.1 | 24 |

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| 41 | Mitochondria-mediated hormetic response in life span extension of calorie-restricted Saccharomyces cerevisiae. *Age*, **2011**, 33, 143-54 | | 38 |
| 40 | Synthesis, antimicrobial activity and structure-activity relationship study of N,N-dibenzyl-cyclohexane-1,2-diamine derivatives. *European Journal of Medicinal Chemistry*, **2011**, 46, 480-7 | 6.8 | 17 |
| 39 | Current perspectives on potential role of albumin in neuroprotection. *Reviews in the Neurosciences*, **2011**, 22, 355-63 | 4.7 | 56 |
| 38 | Probing the binding site of curcumin in Escherichia coli and Bacillus subtilis FtsZ--a structural insight to unveil antibacterial activity of curcumin. *European Journal of Medicinal Chemistry*, **2010**, 45, 4209-14 | 6.8 | 117 |
| 37 | Structural analysis of trypanosomal sirtuin: an insight for selective drug design. *Molecular Diversity*, **2010**, 14, 169-78 | 3.1 | 13 |
| 36 | Upregulation of albumin expression in focal ischemic rat brain. *Brain Research*, **2010**, 1327, 118-24 | 3.7 | 23 |
| 35 | Antibacterial sideroxylonals and loxophlebal A from Eucalyptus loxophleba foliage. *Fitoterapia*, **2010**, 81, 878-83 | 3.2 | 23 |
| 34 | Bisnaphthalimidopropyl derivatives as inhibitors of Leishmania SIR2 related protein 1. *ChemMedChem*, **2010**, 5, 140-7 | 3.7 | 46 |
| 33 | Synthesis and antibacterial activity of benzyl-[3-(benzylamino-methyl)-cyclohexylmethyl]-amine derivatives. *Bioorganic and Medicinal Chemistry Letters*, **2010**, 20, 893-5 | 2.9 | 9 |
| 32 | Structure based design of novel inhibitors for histidinol dehydrogenase from Geotrichum candidum. *Bioorganic and Medicinal Chemistry Letters*, **2010**, 20, 3972-6 | 2.9 | 6 |
| 31 | Functional dissection of the catalytic carboxyl-terminal domain of origin recognition complex subunit 1 (PfORC1) of the human malaria parasite Plasmodium falciparum. *Eukaryotic Cell*, **2009**, 8, 1341-51 | | 15 |
| 30 | Dissecting the expression dynamics of RNA-binding proteins in posttranscriptional regulatory networks. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 20300-5 | 11.5 | 72 |
| 29 | Docking-based 3D-QSAR study of HIV-1 integrase inhibitors. *European Journal of Medicinal Chemistry*, **2009**, 44, 4276-87 | 6.8 | 34 |
| 28 | The efficiency of mitochondrial electron transport chain is increased in the long-lived mrg19 Saccharomyces cerevisiae. *Aging Cell*, **2009**, 8, 643-53 | 9.9 | 12 |
| 27 | SubCellProt: Predicting Protein Subcellular Localization Using Machine Learning Approaches. *In Silico Biology*, **2009**, 9, 35-44 | 2 | 11 |
| 26 | CaZF, a plant transcription factor functions through and parallel to HOG and calcineurin pathways in Saccharomyces cerevisiae to provide osmotolerance. *PLoS ONE*, **2009**, 4, e5154 | 3.7 | 24 |
| 25 | Curcumin inhibits FtsZ assembly: an attractive mechanism for its antibacterial activity. *Biochemical Journal*, **2008**, 410, 147-55 | 3.8 | 324 |
| 24 | Selective mapping of chemical space for Pseudomonas aeruginosa deacetylase LpxC inhibitory potential. *Chemical Biology and Drug Design*, **2008**, 71, 45-56 | 2.9 | 2 |

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| 23 | Selectivity-based QSAR approach for screening and evaluation of TRH analogs for TRH-R1 and TRH-R2 receptors subtypes. *Journal of Molecular Graphics and Modelling*, **2008**, 27, 309-20 | 2.8 | 2 |
| 22 | A method for construction, cloning and expression of intron-less gene from unannotated genomic DNA. *Molecular Biotechnology*, **2008**, 40, 217-23 | 3 | 3 |
| 21 | Contaminating insert degradation by preincubation colony PCR: a method for avoiding false positives in transformant screening. *Analytical Biochemistry*, **2008**, 375, 159-61 | 3.1 | 3 |
| 20 | In Silico Modeling for BloodBrain Barrier Permeability Predictions **2008**, 510-556 | | 7 |
| 19 | Nicotinamide inhibits Plasmodium falciparum Sir2 activity in vitro and parasite growth. *FEMS Microbiology Letters*, **2008**, 282, 266-72 | 2.9 | 47 |
| 18 | Structure function analysis of Leishmania sirtuin: an ensemble of in silico and biochemical studies. *Chemical Biology and Drug Design*, **2008**, 71, 501-506 | 2.9 | 17 |
| 17 | Target-specific anti-fungal discovery by targeting Geotrichum candidum histidinol dehydrogenase: a hybrid approach. *Chemical Biology and Drug Design*, **2008**, 72, 229-34 | 2.9 | 2 |
| 16 | Escherichia coli versus Pseudomonas aeruginosa deacetylase LpxC inhibitors selectivity: surface and cavity-depth-based analysis. *Journal of Chemical Information and Modeling*, **2007**, 47, 1215-24 | 6.1 | 7 |
| 15 | A novel range based QSAR study of human neuropeptide Y (NPY) Y5 receptor inhibitors. *European Journal of Medicinal Chemistry*, **2007**, 42, 463-70 | 6.8 | 15 |
| 14 | Evaluation of proinflammatory cytokine pathway inhibitors for p38 MAPK inhibitory potential. *Journal of Medicinal Chemistry*, **2007**, 50, 6337-42 | 8.3 | 11 |
| 13 | Pharmacophoric features of Pseudomonas aeruginosa deacetylase LpxC inhibitors: an electronic and structural analysis. *Bioorganic and Medicinal Chemistry Letters*, **2007**, 17, 861-8 | 2.9 | 12 |
| 12 | Evaluation of Pseudomonas aeruginosa deacetylase LpxC inhibitory activity of dual PDE4-TNFalpha inhibitors: a multiscreening approach. *Journal of Chemical Information and Modeling*, **2007**, 47, 1188-95 | 6.1 | 9 |
| 11 | Cluster analysis and two-dimensional quantitative structure-activity relationship (2D-QSAR) of Pseudomonas aeruginosa deacetylase LpxC inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2006**, 16, 5136-43 | 2.9 | 24 |
| 10 | Meta-analysis of glutathione S-transferase M1 genotype and risk toward head and neck cancer. *Head and Neck*, **2006**, 28, 217-24 | 4.2 | 25 |
| 9 | Quantitative structure activity relationship studies of aryl heterocycle-based thrombin inhibitors. *European Journal of Medicinal Chemistry*, **2006**, 41, 1339-46 | 6.8 | 30 |
| 8 | Comparative protein modeling and surface analysis of Leishmania sirtuin: A potential target for antileishmanial drug discovery. *Bioorganic and Medicinal Chemistry Letters*, **2006**, 16, 6013-8 | 2.9 | 14 |
| 7 | Caloric restriction augments ROS defense in S. cerevisiae, by a Sir2p independent mechanism. *Free Radical Research*, **2005**, 39, 55-62 | 4 | 64 |
| 6 | Mrg19 depletion increases S. cerevisiae lifespan by augmenting ROS defence. *FEBS Letters*, **2005**, 579, 6809-13 | 3.8 | 35 |

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| 5 | Sir3p phosphorylation by the Slt2p pathway effects redistribution of silencing function and shortened lifespan. *Nature Genetics*, **2003**, 33, 522-6 | 36.3 | 44 |
| 4 | Two paralogs involved in transcriptional silencing that antagonistically control yeast life span. *Current Biology*, **2000**, 10, 111-4 | 6.3 | 73 |
| 3 | MCM21 and MCM22, two novel genes of the yeast Saccharomyces cerevisiae are required for chromosome transmission. *Molecular Microbiology*, **1999**, 31, 349-60 | 4.1 | 43 |
| 2 | The ZDS1 and ZDS2 proteins require the Sir3p component of yeast silent chromatin to enhance the stability of short linear centromeric plasmids. *Chromosoma*, **1999**, 108, 146-61 | 2.8 | 26 |
| 1 | A 61-kb ring chromosome shows an ARS-dependent increase in its mitotic stability in the mcm2 mutant of yeast. *Current Genetics*, **1994**, 26, 403-9 | 2.9 | 6 |