

Somendu K Roy

List of Publications by Year in descending order

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28
papers

769
citations

567281

15
h-index

526287

27
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30
all docs

30
docs citations

30
times ranked

1284
citing authors

#	ARTICLE	IF	CITATIONS
1	Endophytic Fungi <i>Piriformospora indica</i> Mediated Protection of Host from Arsenic Toxicity. <i>Frontiers in Microbiology</i> , 2017, 8, 754.	3.5	98
2	NorA efflux pump inhibitory activity of coumarins from <i>Mesua ferrea</i> . <i>FÅ-toterapÅ-Åç</i> , 2013, 90, 140-150.	2.2	79
3	Synthesis of novel celecoxib analogues by bioisosteric replacement of sulfonamide as potent anti-inflammatory agents and cyclooxygenase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4581-4590.	3.0	61
4	Selective solid-phase extraction using molecularly imprinted polymer as a sorbent for the analysis of fenarimol in food samples. <i>Food Chemistry</i> , 2016, 199, 870-875.	8.2	50
5	Oral subchronic exposure to silver nanoparticles causes renal damage through apoptotic impairment and necrotic cell death. <i>Nanotoxicology</i> , 2017, 11, 671-686.	3.0	48
6	From the Cover: Arsenic Induces Hippocampal Neuronal Apoptosis and Cognitive Impairments via an Up-Regulated BMP2/Smad-Dependent Reduced BDNF/TrkB Signaling in Rats. <i>Toxicological Sciences</i> , 2017, 159, 137-158.	3.1	48
7	A dispersive liquid-liquid microextraction based on solidification of floating organic droplet followed by injector port silylation coupled with gas chromatography-tandem mass spectrometry for the determination of nine bisphenols in bottled carbonated beverages. <i>Journal of Chromatography A</i> , 2017, 1528, 10-17.	3.7	43
8	Rotenoids from <i>Boerhaavia diffusa</i> as Potential Anti-inflammatory Agents. <i>Journal of Natural Products</i> , 2013, 76, 1393-1398.	3.0	42
9	Fungal mediated biotransformation reduces toxicity of arsenic to soil dwelling microorganism and plant. <i>Ecotoxicology and Environmental Safety</i> , 2019, 176, 108-118.	6.0	35
10	Phenylpropanoids of <i>Alpinia galanga</i> as efflux pump inhibitors in <i>Mycobacterium smegmatis</i> mc2 155. <i>FÅ-toterapÅ-Åç</i> , 2012, 83, 1248-1255.	2.2	34
11	Pancreatic lipase inhibitory alkaloids of <i>Murraya koenigii</i> leaves. <i>Natural Product Communications</i> , 2009, 4, 1089-92.	0.5	30
12	7-Hydroxy-(E)-3-phenylmethylene-chroman-4-one analogues as efflux pump inhibitors against <i>Mycobacterium smegmatis</i> mc2 155. <i>European Journal of Medicinal Chemistry</i> , 2013, 66, 499-507.	5.5	29
13	Mercury exposure induces cytoskeleton disruption and loss of renal function through epigenetic modulation of MMP9 expression. <i>Toxicology</i> , 2017, 386, 28-39.	4.2	25
14	Intricatinal synergistically enhances the anticancerous activity of cisplatin in human A549 cells via p38 MAPK/p53 signalling. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 1273-1286.	4.9	21
15	Identification of markers of depression and neurotoxicity in pesticide exposed agriculture workers. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22477.	3.0	18
16	Developmental toxicity assessment of 4-MBC in <i>Danio rerio</i> embryo-larval stages. <i>Science of the Total Environment</i> , 2022, 804, 149920.	8.0	15
17	Arsenic Attenuates Heparin-Binding EGF-Like Growth Factor/EGFR Signaling That Promotes Matrix Metalloprotease 9-Dependent Astrocyte Damage in the Developing Rat Brain. <i>Toxicological Sciences</i> , 2018, 162, 406-428.	3.1	13
18	Potassium Carbonate-Mediated Efficient and Convenient Synthesis of 3-Methyl-1-phenylchromeno[4,3- <i>c</i>]pyrazol-4(1 <i>H</i>)-ones. <i>Synthetic Communications</i> , 2014, 44, 1914-1923.	2.1	9

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19	Perinatal exposure to silver nanoparticles reprograms immunometabolism and promotes pancreatic beta-cell death and kidney damage in mice. <i>Nanotoxicology</i> , 2021, 15, 636-660.	3.0	9
20	Metabolomic perturbation precedes glycolytic dysfunction and procreates hyperglycemia in a rat model due to bisphenol S exposure. <i>Environmental Toxicology and Pharmacology</i> , 2020, 77, 103372.	4.0	8
21	Nabumetone induced photogenotoxicity mechanism mediated by ROS generation under environmental UV radiation in human keratinocytes (HaCaT) cell line. <i>Toxicology and Applied Pharmacology</i> , 2021, 420, 115516.	2.8	8
22	Predictive modeling and validation of arsenite removal by a one pot synthesized bioceramic buttressed manganese doped iron oxide nanoplatfrom. <i>RSC Advances</i> , 2017, 7, 32866-32876.	3.6	7
23	Analysis of homoisoflavonoids in <i>Caesalpinia digyna</i> by HPLC-ESI-MS, HPLC and method validation. <i>Natural Product Communications</i> , 2012, 7, 1189-92.	0.5	7
24	Bare plasmonic metal nanoparticles: synthesis, characterisation and in vitro toxicity assessment on a liver carcinoma cell line. <i>IET Nanobiotechnology</i> , 2020, 14, 851-857.	3.8	6
25	Analysis of flavonoids and iridoids in <i>Vitex negundo</i> by HPLC-PDA and method validation. <i>Natural Product Communications</i> , 2013, 8, 1241-4.	0.5	6
26	Determination of negundoside and agnuside in <i>Vitex negundo</i> by qNMR and method validation. <i>Journal of Analytical Chemistry</i> , 2015, 70, 639-646.	0.9	5
27	Transformation of Santonin to a Naproxen Analogue with Anti-Inflammatory Activity. <i>Journal of Natural Products</i> , 2019, 82, 1710-1713.	3.0	4
28	A study on bisphenol S induced nephrotoxicity and assessment of altered downstream kidney metabolites using gas chromatography-mass spectrometry based metabolomics. <i>Environmental Toxicology and Pharmacology</i> , 2022, 93, 103883.	4.0	3