Bibudhendra Sarkar

List of Publications by Citations

25 papers	763 citations	14 h-index	25 g-index
25 ext. papers	839 ext. citations	6 avg, IF	3.57 L-index

#	Paper	IF	Citations
25	Early treatment of Menkes disease with parenteral Cooper-Histidine: Long-term follow-up of four treated patients **1998**, 76, 154-164		101
24	Reversible zinc exchange between metallothionein and the estrogen receptor zinc finger. *FEBS Letters*, **1996**, 386, 1-4	3.8	100
23	World Health Organization discontinues its drinking-water guideline for manganese. *Environmental Health Perspectives*, **2012**, 120, 775-8	8.4	92
22	Early copper-histidine treatment for Menkes disease. *Nature Genetics*, **1996**, 12, 11-3	36.3	88
21	Multiple inorganic toxic substances contaminating the groundwater of Myingyan Township, Myanmar: arsenic, manganese, fluoride, iron, and uranium. *Science of the Total Environment*, **2015**, 517, 232-45	10.2	65
20	Exposure to multiple metals from groundwater-a global crisis: geology, climate change, health effects, testing, and mitigation. *Metallomics*, **2011**, 3, 874-908	4.5	52
19	Urgent need to reevaluate the latest World Health Organization guidelines for toxic inorganic substances in drinking water. *Environmental Health*, **2015**, 14, 63	6	45
18	Nickel(II)-binding constituents of human blood serum. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **1979**, 5, 897-905	3.2	40
17	Inorganic mercury(II)-binding components in normal human blood serum. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **1979**, 5, 907-16	3.2	37
16	NMR structure of neuromedin C, a neurotransmitter with an amino terminal CuII-, NiII-binding (ATCUN) motif. *Chemical Biology and Drug Design*, **1997**, 49, 500-9		26
15	The puzzle posed by COMMD1, a newly discovered protein binding Cu(II). *Metallomics*, **2011**, 3, 20-7	4.5	22
14	Heavy metal binding to heparin disaccharides. I. Iduronic acid is the main binding site. *Biopolymers*, **1992**, 32, 585-96	2.2	16
13	Heavy metal binding to heparin disaccharides. II. First evidence for zinc chelation. *Biopolymers*, **1992**, 32, 597-619	2.2	16
12	Zinc finger proteins: A bridge between transition metals and gene regulation. *Journal of Trace Elements in Experimental Medicine*, **1998**, 11, 103-118		14
11	Design, synthesis and 13C- and 1H-N.M.R. investigation of a cyclic octapeptide to mimic the zinc-binding site of carboxyipeptidase A. *International Journal of Peptide and Protein Research*, **1981**, 17, 549-59		12
10	Role of glutathione in selenite binding by human plasma. *Biological Trace Element Research*, **1989**, 20, 95-104	4.5	8
9	Selenite metabolism in rat and human blood. *Biological Trace Element Research*, **1988**, 15, 97-110	4.5	8

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8	Isolation, purification and 13C- and 1H-n.m.r. assignments of peptide [1-24] of human serum albumin. *International Journal of Peptide and Protein Research*, **1985**, 26, 425-38		7
7	Addition of positively charged tripeptide to N-terminus of the Fos basic region leucine zipper domain: implications on DNA bending, affinity, and specificity. *Biopolymers*, **1999**, 50, 273-86	2.2	5
6	Low molecular weight targets of metals in human kidney. *Acta Pharmacologica Et Toxicologica*, **1986**, 59 Suppl 7, 416-23		4
5	Drinking Water Quality and Public Health in the Kathmandu Valley, Nepal: Coliform Bacteria, Chemical Contaminants, and Health Status of Consumers.. *Journal of Environmental and Public Health*, **2022**, 2022, 3895859	2.6	2
4	Zinc finger proteins: A bridge between transition metals and gene regulation **1998**, 11, 103		2
3	The Malfunctioning of Copper Transport in Wilson and Menkes Diseases **2006**, 207-225		1
2	Conformational analysis of □glycine, l-alanine, and bisglycinato-Cu(II) complex. *International Journal of Quantum Chemistry*, **2009**, 9, 109-116	2.1	
1	How I became a biochemist. *IUBMB Life*, **2003**, 55, 287-9	4.7	