# Tara P Dasgupta

List of Publications by Year
in descending order



| 63 | 859 | 687363 13 | 526287 27 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 63 | 63 | 63 | 858 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Biaryl diphosphine ligands and their ruthenium complexes: Preparation and use for catalytic hydrogenation of ketones. Inorganica Chimica Acta, 2020, 511, 119850. | 2.4 | 3 |
| 2 | Bioaccumulation of Polychlorinated Biphenyls (PCBs) in Atlantic Sea Bream (Archosargus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td ( Toxicology, 2017, 99, 328-332. | 2.7 | 2 |
| 3 | Benzimidazol-2-ylidene ligated palladacyclic complexes of N,N-dimethylbenzylamine â€“ Synthesis and application to Câ€“C coupling reactions. Inorganica Chimica Acta, 2016, 449, 38-43. | 2.4 | 8 |
| 4 | Kinetic and density functional theory (DFT) studies of in vitro reactions of acrylamide with the thiols: captopril, <scp>l</scp>-cysteine, and glutathione. Toxicology Research, 2015, 4, 121-131. | 2.1 | 8 |
| 5 | Alternative Synthetic Methods for PEPPSI-Type Palladium Complexes. European Journal of Inorganic Chemistry, 2014, 2014, 3600-3607. | 2.0 | 8 |
| 6 | In vitro studies on the reaction rates of acrylamide with the key body-fluid thiols l-cysteine, glutathione, and captopril. Toxicology Research, 2014, 3, 445-446. | 2.1 | 5 |
| 7 | Imidazolinium salts derived from amino[2.2]paracyclophane compounds: synthesis and hydrolytic ring-opening. Tetrahedron Letters, 2014, 55, 5085-5087. | 1.4 | 3 |
| 8 | Mechanistic studies of the selective reduction of ruthenium(III) containing trinuclear oxo complexes by l-ascorbic acid in aqueous solution. Transition Metal Chemistry, 2012, 37, 505-517. | 1.4 | 10 |
| 9 | Acrylamide in Caribbean foods â€“ Residual levels and their relation to reducing sugar and asparagine content. Food Chemistry, 2012, 133, 451-457. | 8.2 | 41 |
| 10 | Mechanistic studies on the intra-molecular electron transfer in the adduct species of some oxo-centred trinuclear iron(III)/chromium(III) cations and l-ascorbic acid in aqueous acetate buffer. Inorganica Chimica Acta, 2012, 388, 88-97. | 2.4 | 6 |
| 11 | Mechanistic studies on the intramolecular electron transfer in an adduct species of the oxo-centred trinuclear iron(III) cation and l-ascorbic acid in aqueous solution. Transition Metal Chemistry, 2011, 36, 553-563. | 1.4 | 10 |
| 12 | Kinetics and mechanism of the aquation of a series of mixed-metal oxo-centered trinuclear cations, | | |

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|---|---|---|---|
| 19 | Kinetics and mechanism of the aquation of the trinuclear cation, [Î¼3-oxo-triaqua-hexakis(acetato)tris(iron(III))]+in perchloric acid media. Inorganica Chimica Acta, 2005, 358, 3610-3616. | 2.4 | 14 |
| 20 | Solvation of inorganic complexes: transfer chemical potentials for mono- and bi-nuclear cobalt(III) complexes to methanol + water mixtures. Transition Metal Chemistry, 2005, 30, 176-184. | 1.4 | 7 |
| 21 | Solubilities and Transfer Chemical Potentials for Cobalt(III) Complexes in t-butanolâ€“ i-propanolâ€“, and ethanolâ€“water Mixtures. Transition Metal Chemistry, 2005, 30, 948-956. | 1.4 | 1 |
| 22 | Kinetics of Dissociation of tris-{3-(2-pyridyl)-5,6-bis(2-furyl)-1,2,4-triazine}iron(II). Transition Metal Chemistry, 2005, 30, 957-963. | 1.4 | 5 |
| 23 | 5-[(4-Methylphenyl)diazenyl]salicylaldehyde. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o1611-o1613. | 0.2 | 2 |
| 24 | Porous solvent-free Î¼2-bis(salicylidene)propane-1,3-diaminato-bis{[bis(salicylidene)propane-1,3-diaminato]iron(III)}. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m1464-m1466. | 0.2 | 1 |
| 25 | Transfer of nitric oxide from nitrovasodilators to free thiolsâ€”Evidence of two distinct stages. Biochemical and Biophysical Research Communications, 2005, 335, 730-733. | 2.1 | 4 |
| 26 | The reaction of S-nitroso-N-acetyl-d,l-penicillamine (SNAP) with the angiotensin converting enzyme inhibitor, captoprilâ€”mechanism of transnitrosation. Organic and Biomolecular Chemistry, 2005, 3, 1640. | 2.8 | 5 |
| 27 | Dynamics of interaction of vitamin C with some potent nitrovasodilators, S-nitroso-N-acetyl-d,l-penicillamine (SNAP) and S-nitrosocaptopril (SNOCap), in aqueous solution. Biophysical Chemistry, 2004, 107, 117-131. | 2.8 | 13 |
| 28 | The effect of nitric oxide on glucose metabolism. Molecular and Cellular Biochemistry, 2004, 263, 29-34. | 3.1 | 1 |
| 29 | Kinetics and Mechanisms of the Reduction of Chromium(VI) by 2-Mercaptoethanesulfonic Acid in Aqueous Solution: Difference in the Mechanistic Process of Reduction with Noncarboxylate Thiols. Bioinorganic Reaction Mechanisms, 2003, 5, 47-57. | 0.4 | 0 |
| 30 | Reactions of S-nitrosothiols with l-ascorbic acid in aqueous solution. Methods in Enzymology, 2002, 359, 219-229. | 1.0 | 12 |
| 31 | Decreased insulin binding to mononuclear leucocytes and erythrocytes from dogs after S-nitroso-N-acetypenicillamine administration. BMC Biochemistry, 2002, 3, 1. | 4.4 | 15 |
| 32 | Mechanism of reduction of chromium(VI) ion by 2-mercaptosuccinic acid in aqueous solution. Inorganica Chimica Acta, 2002, 331, 178-187. | 2.4 | 7 |
| 33 | Kinetics and mechanism of the reduction of the molybdatopentaamminecobalt(III) ion by aqueous sulfite and aqueous potassium hexacyanoferrate(II). Inorganica Chimica Acta, 2002, 331, 279-289. | 2.4 | 12 |
| 34 | Mechanism of Nitric Oxide Release. I. Two-electron Reduction of Sodium Nitroprusside by l -cysteine in Aqueous Solution. Inorganic Reaction Mechanisms, 2002, 3, 181-195. | 0.4 | 8 |
| 35 | Effects of S-Nitroso-N-acetyl-penicillamine Administration on Glucose Tolerance and Plasma Levels of Insulin and Glucagon in the Dog. Nitric Oxide - Biology and Chemistry, 2001, 5, 402-412. | 2.7 | 36 |
| 36 | Mechanisms of nitric oxide release from nitrovasodilators in aqueous solution: reaction of the nitroprusside ion ([Fe(CN)5NO]2â˜) with l-ascorbic acid. Journal of Inorganic Biochemistry, 2001, 87, 165-173. | 3.5 | 23 |

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|---|---|---|---|
| 37 | Kinetics and Mechanism of the Decomposition of S-Nitrosoglutathione by l-Ascorbic Acid and Copper Ions in Aqueous Solution to Produce Nitric Oxide. Nitric Oxide - Biology and Chemistry, 2000, 4, 57-66. | 2.7 | 93 |
| 38 | The Hyperglycemic Effect of S-Nitrosoglutathione in the Dog. Nitric Oxide - Biology and Chemistry, 1999, 3, 481-491. | 2.7 | 19 |
| 39 | Properties and kinetics of dihydroxy- and diaminoanthraquinone ruthenium bipyridyl dimers. Inorganica Chimica Acta, 1998, 268, 31-36. | 2.4 | 7 |
| 40 | Redox chemistry of [Fe2(CN)10]4â^'. Part 5. Reaction with thiourea. Transition Metal Chemistry, 1998, 23, 749-753. | 1.4 | 3 |
| 41 | Title is missing!. Transition Metal Chemistry, 1997, 22, 135-140. | 1.4 | 12 |
| 42 | The synthesis and characterization of monomeric complexes of Ru(bpy)2 with dihydroxyanthraquinones. Inorganica Chimica Acta, 1997, 255, 105-110. | 2.4 | 9 |
| 43 | Syntheses, characterisation, infrared and 95Mo NMR spectroscopy of some coordinated oxoâ€"molybdenum(VI) complexes. Inorganica Chimica Acta, 1997, 260, 225-228. | 2.4 | 4 |
| 44 | Mechanism of the oxidation ofL-ascorbic acid by the pentaammineaquacobalt(III) ion in aqueous solution. Transition Metal Chemistry, 1995, 20, 295. | 1.4 | 9 |
| 45 | Mechanism of the acid catalysed hydrolysis of the chromatopenta-amminecobalt(III) ion. Transition Metal Chemistry, 1992, 17, 409-412. | 1.4 | 1 |
| 46 | Kinetics and mechanism of formation of chromatopentaamminecobalt(III) ion in aqueous solution. Transition Metal Chemistry, 1992, 17, 317-321. | 1.4 | 2 |
| 47 | Dynamics of pesticides in tropical conditions. 1. Kinetic studies of volatilization, hydrolysis, and photolysis of dieldrin and .alpha.- and .beta.-endosulfan. Journal of Agricultural and Food Chemistry, 1991, 39, 575-579. | 5.2 | 49 |
| 48 | Dinuclear complexes of transition metals containing carbonate ligands Part IX. Kinetics and mechanism of decarboxylation and formation of the Î¼-amido-Î¼-carbonato-bis(bis(ethylenediamine)cobalt(III)) ion in aqueous solution. Inorganica Chimica Acta, 1990, 167, 233-238. | 2.4 | 1 |
| 49 | Kinetics and mechanism of the decomposition of Î¼-amido-Î¼-hydroxo(tetraamminecobalt(III))(tetraaquacobalt(III)) ion in acidic aqueous solution. Inorganica Chimica Acta, 1988, 142, 29-32. | 2.4 | 2 |
| 50 | Dinuclear complexes of transition metals containing carbonate ligands. 7. Kinetics and mechanics of formation of the (.mu.-carbonato)bis-(.mu.-hydroxo)bis(triamminecobalt(III)) ion in weakly basic aqueous carbonate solution. Inorganic Chemistry, 1987, 26, 3254-3257. | 4.0 | 6 |
| 51 | Dinuclear complexes of transition metals containing carbonate ligands. VIII. Kinetics and mechanism of carbon dioxide uptake by the tri-Î¼-hydroxo-bis (1,5-diamino-3-aza-pentane)cobalt(III) ion in weakly basic aqueous carbonate solution. Inorganica Chimica Acta, 1987, 130, 185-188. | 2.4 | 5 |
| 52 | Dinuclear complexes of transition metals containing carbonate ligands. 6. Synthesis, characterization and thermodynamic studies of dinuclear complexes of cobalt(III) containing bridging hydroxide and carbonate in acidic aqueous solution. Inorganic Chemistry, 1986, 25, 3593-3597. | 4.0 | 7 |
| 53 | Dinuclear complexes of transition metals containing carbonate ligands. V. Kinetics and mechanism of | | |

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|---|---|---|---|
| 55 | Mixed-valence ions of ruthenium containing fumaronitrile and tetracyanoethylene as bridging groups. Inorganic Chemistry, 1983, 22, 1970-1975. | 4.0 | 24 |
| 56 | Dinuclear complexes of transition metals containing carbonate ligands. II. Synthesis, characterisation | | |