Santosh K Mandal

List of Publications by Year
in descending order

23	280	1040056	888059
papers	citations	9 h-index	17 g-index

25	25	25	343
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reaction of electrophiles with manganese(I) and rhenium(I) alkoxide complexes: reversible absorption of atmospheric carbon dioxide. Organometallics, 1993, 12, 1714-1719.	2.3	69
2	Synthesis, characterization, and fluorescence and cytotoxicity studies of a tetrarhenium molecular rectangle. Inorganic Chemistry Communication, 2007, 10, 821-824.	3.9	33
3	Unprecedented anticancer activities of organorhenium sulfonato and carboxylato complexes against hormone-dependent MCF-7 and hormone-independent triple-negative MDA-MB-231 breast cancer cells. Molecular and Cellular Biochemistry, 2018, 441, 151-163.	3.1	27
4	The one-pot synthesis and the fluorescence and cytotoxicity studies of chlorotricarbonyl(Î±-diimine)rhenium(I), fac-(CO)3(Î±-diimine)ReCl, complexes. Inorganic Chemistry Communication, 2008, 11, 1054-1056.	3.9	22
5	Fac-tricarbonyl(pentylcarbonato)(Î±-diimine)rhenium complexes: One-pot synthesis, characterization, fluorescence studies, and cytotoxic activity against human MDA-MB-231 breast, CCl-227 colon and BxPC-3 pancreatic carcinoma cell lines. Inorganic Chemistry Communication, 2012, 21, 35-38.	3.9	22
6	Anticancer Properties of Novel Rhenium Pentylcarbanato Compounds against MDA-MB-468(HTB-132) Triple Node Negative Human Breast Cancer Cell Lines. British Journal of Pharmaceutical Research, 2014, 4, 362-367.	0.4	15
7	A NEW ROUTE TO MANGANESE AND RHENIUM CARBONYL TETRAFLUOROBORATE SALTS AND AN IMPROVED PROCEDURE FOR PREPARING THEIR PRECURSOR HYDRIDES. Journal of Coordination Chemistry, 1994, 33, 219-221.	2.2	12
8	DNA-binding and cytotoxic efficacy studies of organorhenium pentylcarbonate compounds. Molecular and Cellular Biochemistry, 2015, 398, 21-30.	3.1	12
9	Reactions of [(CO)3(P-P)Mn]2 with primary alcohols, where, P-P is dppe {Ph2P(CH2)2PPh2}, dppp {Ph2P(CH2)3PPh2}, dppb {Ph2P(CH2)4PPh2}, dpppe {Ph2P(CH2)5PPh2}, dtpe {(p-tol)2P(CH2)2P(p-tol)2}, or dcpe {(chex)2P(CH2)2P(chex)2}. Synthesis of fac-(CO)3(P-P)MnH and the X-ray structure of fac-(CO)3(dtpe)MnH. Journal of Organometallic Chemistry, 2000, 613, 13-18.	1.8	10
10	One-pot synthesis of manganese(I) and rhenium(I) alkylcarbonato complexes, fac-(CO)3(dppp)MOC(O)OR. Possible trapping of intermediate diphosphine dimers, [(CO)3(dppp)M]2. Inorganic Chemistry Communication, 2001, 4, 602-605.	3.9	9
11	The Effect of Novel Rhenium Compounds on Lymphosarcoma, PC-3 Prostate and Myeloid Leukemia Cancer Cell Lines and an Investigation on the DNA Binding Properties of One of these Compounds through Electronic Spectroscopy. Journal of Bioprocessing & Biotechniques, 2013, 04, 141.	0.2	9
12	One-pot synthesis and the X-ray structures of rhenium(I) diphosphine hydrides, fac-(CO)3(Pâ€“P)ReH [Pâ€“P=dppp, dppb, and dppfe]. Inorganic Chemistry Communication, 2005, 8, 14-17.	3.9	6
13	Reactions of dirhenium heptoxide with manganese(I) and rhenium(I) hydrido, alkoxo, methylcarbonato, carbonato-bridged, and methoxymethyl complexes. The X-ray structures of fac-(CO)3(dppp)MnOReO3 and fac-(CO)3(dppp)ReOReO3. Journal of Organometallic Chemistry, 2002, 658, 88-93.	1.8	5
14	The Effects of Synthesized Rhenium Acetylsalicylate Compounds on Human Astrocytoma Cell Lines. Journal of Cancer Science & Therapy, 2018, 10, .	1.7	5
15	Differential expression of efferocytosis and phagocytosis associated genes in tumor associated macrophages exposed to African American patient derived prostate cancer microenvironment. Journal of Solid Tumors, 2019, 9, 22.	0.1	5
16	A Study of The Effects of Novel Rhenium Compounds on Pancreatic and Prostate Cancer Cell Lines. International Journal of Scientific Research (Ahmedabad, India), 2016, 5, .	5.0	5
17	Microwave-assisted synthesis of organometallic rhenium (I) pentylcarbonato complexes: New synthon for carboxylato, sulfonato and chlorido complexes. Journal of Organometallic Chemistry, 2021, 936, 121718.	1.8	4
18	Title is missing!. Journal of Chemical Crystallography, 2003, 33, 481-489.	1.1	3

#	Article	IF	Citations
19	Short Communication: Studying the Role of Smart Flare Gold Nano Particles in Studying Micro RNA and Oncogene Differential Expression in Prostate Cancer Cell Lines. Journal of Cancer Research Updates, 2017, 6, 25-28.	0.3	2
20	A health disparities study of MicroRNA-146a expression in prostate cancer samples derived from African American and European American patients. Journal of Solid Tumors, 2020, 10, 1.	0.1	2
21	An Investigation to Study the Role of Novel Rhenium Compounds on Endometrial Uterine Cancer Cell Lines. Journal of Cancer Research Updates, 0, 9, 102-106.	0.3	2
22	An Investigation to Study the Role of Novel Rhenium Compounds on Endometrial Uterine Cancer Cell Lines. Journal of Cancer Research Updates, 2020, 9, 102-106.	0.3	1
23	A Study of Differential Gene Expression and Core Canonical Pathways Involved in Rhenium Ligand Treated Epithelial Mesenchymal Transition (EMT) Induced A549 Lung Cancer Cell Lines by INGENUITY Software System. Computational Molecular Bioscience, 2022, 12, 12-19.	0.4	0