

# Minas S Papadopoulos

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Curcumin as the OO Bidentate Ligand in $\text{M}(\text{CO})_3(\text{OO})_2$ Complexes with the $[\text{M}(\text{CO})_3]^+$ (M = Re, $^{99\text{m}}\text{Tc}$ ) Tricarbonyl Core for Radiodiagnostic Applications. <i>Inorganic Chemistry</i> , 2011, 50, 1295-1303.	4.0	78
2	Synthesis and Characterization of <i>fac</i> - $[\text{M}(\text{CO})_3(\text{P})(\text{OO})]$ and <i>cis-trans</i> - $[\text{M}(\text{CO})_2(\text{P})_2(\text{OO})]$ Complexes (M = Re, $^{99\text{m}}\text{Tc}$ ) with Acetylacetonate and Curcumin as OO Donor Bidentate Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 12995-13003.	4.0	48
3	Novel $^{99\text{m}}\text{Tc}$ Aminobisthiolato/Monothiolato $\text{M}(\text{CO})_3 + 1$ -Mixed Ligand Complexes: Structure-Activity Relationships and Preliminary in Vivo Validation as Brain Blood Flow Imaging Agents. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 2539-2546.	6.4	46
4	Synthesis and characterization of rhenium and technetium- $^{99\text{m}}$ tricarbonyl complexes bearing the 4-[3-bromophenyl]quinazoline moiety as a biomarker for EGFR-TK imaging. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 4021-4027.	5.5	41
5	A new tricarbonyl <i>fac</i> - $[\text{M}(\text{acac})(\text{isc})(\text{CO})_3]$ complex (M=Re, $^{99\text{m}}\text{Tc}$ ) with acetylacetonate (acac) and isocyanide (isc) in a 2+1 combination. <i>Inorganica Chimica Acta</i> , 2010, 363, 1649-1653.	2.4	29
6	Preparation and characterization of technetium and rhenium tricarbonyl complexes bearing the 4-nitrobenzyl moiety as potential bioreductive diagnostic radiopharmaceuticals. In vitro and in vivo studies. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 741-748.	5.5	26
7	First example of well-characterized Re and $^{99\text{m}}\text{Tc}$ tricarbonyl complexes of ciprofloxacin and norfloxacin in the development of infection-specific imaging agents. <i>Inorganica Chimica Acta</i> , 2011, 370, 236-242.	2.4	26
8	A Phenylbenzothiazole Conjugate with the Tricarbonyl <i>fac</i> - $[\text{M}(\text{I})(\text{CO})_3]^+$ (M = Re, $^{99\text{m}}\text{Tc}$ , $^{99\text{m}}\text{Tc}$ ) Core for Imaging of $^{125}\text{I}$ -Amyloid Plaques. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4279-4286.	2.0	25
9	Prothymosin Alpha: An Alarmin and More.... <i>Current Medicinal Chemistry</i> , 2017, 24, 1747-1760.	2.4	25
10	Rhenium(I) Tricarbonyl Complexes with (2-Hydroxyphenyl)diphenylphosphine as PO Bidentate Ligand. <i>Inorganic Chemistry</i> , 2017, 56, 8175-8186.	4.0	24
11	Development of novel mixed-ligand oxotechnetium [SNS/S] complexes as potential 5-HT1A receptor imaging agents. <i>Journal of Biological Inorganic Chemistry</i> , 2001, 6, 256-265.	2.6	22
12	2-(4-Aminophenyl)benzothiazole Labeled with $^{99\text{m}}\text{Tc}$ -Cyclopentadienyl for Imaging $^{125}\text{I}$ -Amyloid Plaques. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 1089-1092.	2.8	22
13	Remarkable Brain Penetration of Cyclopentadienyl $[\text{M}(\text{CO})_3]^+$ (M =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Application as Diagnostic, with Single-Photon-Emission Computed Tomography (SPECT), and Therapeutic Agents for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2638-2650.	6.4	22
14	Novel Oxorhenium and Oxotechnetium Complexes from an Aminothiolo[NS]/Thiolo[S] Mixed-Ligand System. <i>Chemistry - A European Journal</i> , 2001, 7, 3671-3680.	3.3	21
15	Synthesis, structural characterization and radiochemistry of di- and tricarbonyl Re(I) and $^{99\text{m}}\text{Tc}$ (I) complexes with 8-hydroxyquinoline or 8-mercaptoquinoline and triphenylphosphine. <i>Polyhedron</i> , 2014, 68, 46-52.	2.2	18
16	Specific in vitro binding of a new $^{99\text{m}}\text{Tc}$ -radiolabeled derivative of the C-terminal decapeptide of prothymosin alpha on human neutrophils. <i>International Journal of Pharmaceutics</i> , 2015, 486, 1-12.	5.2	18
17	Dicarbonyl <i>cis</i> - $[\text{M}(\text{CO})_2(\text{N},\text{O})(\text{C})(\text{P})]$ (M = Re, $^{99\text{m}}\text{Tc}$ ) Complexes with a New [2 + 1 + 1] Donor Atom Combination. <i>Inorganic Chemistry</i> , 2018, 57, 8354-8363.	4.0	16
18	Convenient Route Leading to Neutral <i>fac</i> - $[\text{M}(\text{CO})_3(\text{NNO})]$ Complexes (M = Re, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	4.0	14

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19	Synthesis and evaluation of $^{99m}\text{Tc}/\text{Re}$ -tricarbonyl complexes of the triphenylphosphonium cation for mitochondrial targeting. <i>Nuclear Medicine and Biology</i> , 2018, 57, 34-41.	0.6	14
20	Synthesis and Characterization of Novel Oxotechnetium ( $^{99}\text{Tc}$ and $^{99m}\text{Tc}$ ) and Oxorhenium Complexes from the 2,2'-Bipyridine (NN)/Thiol (S) Mixed-Ligand System. <i>Inorganic Chemistry</i> , 2003, 42, 5778-5784.	4.0	12
21	Synthesis, structural characterization and radiochemistry of $\text{fac-}[\text{Re}(\text{CO})_3(\text{L})(2\text{-mercaptopyridine})]$ complexes, where L is phosphine or isocyanide. <i>Polyhedron</i> , 2014, 81, 511-516.	2.2	12
22	A new bifunctional tridentate NSN ligand leading to cationic tricarbonyl $\text{fac-}[\text{M}(\text{NSN})(\text{CO})_3]^+$ (M=Re,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	2.4	10
23	Synthesis and Characterization of Oxorhenium and Oxotechnetium Complexes with a Novel Tetradentate N3O Bifunctional Agent. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 3826-3830.	2.0	9
24	Synthesis and evaluation of new mixed $\text{fac-}[\text{Re}(\text{CO})_3(\text{L})(\text{S})]$ , $^{99m}\text{Tc}$ and $^{186}\text{Re}$ tricarbonyl dithiocarbamate complexes with different monodentate ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 47, 116373.	3.0	9
25	Novel oxorhenium and oxotechnetium $\text{MO}(\text{NS})(\text{S})_2$ complexes in the development of 5-HT1A receptor imaging agents. <i>Journal of Inorganic Biochemistry</i> , 2003, 93, 213-220.	3.5	5
26	In vivo biodistribution and imaging studies with a $^{99m}\text{Tc}$ -radiolabeled derivative of the C-terminus of prothymosin alpha in mice bearing experimentally-induced inflammation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 113, 188-197.	4.3	5
27	New labeled derivatives of the neuroprotective peptide colivelin: Synthesis, characterization, and first in vitro and in vivo applications. <i>Archives of Biochemistry and Biophysics</i> , 2015, 567, 83-93.	3.0	4
28	Synthesis and In Vitro Evaluation of Gold Nanoparticles Functionalized with Thiol Ligands for Robust Radiolabeling with $^{99m}\text{Tc}$ . <i>Nanomaterials</i> , 2021, 11, 2406.	4.1	4
29	Neutral $\text{fac-}[\text{Re}(\text{NNN})(\text{CO})_3]$ complexes with NNN tridentate ligands containing pyrrole or indole. <i>Inorganic Chemistry Communication</i> , 2016, 63, 1-4.	3.9	3
30	Crystal structure of $\text{fac-}[\text{Re}(\text{CO})_3(\text{C}_6\text{H}_{11})]$ <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td</i> (isocyanide- $\text{C}(\text{C}_6\text{H}_4\text{N})$ )(quinoline-2-carboxylate) <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 358-362.	0.5	2
31	Effective Labeling of Amine Pharmacophores through the Employment of 2,3-Pyrazinedicarboxylic Anhydride and the Generation of $\text{fac-}[\text{M}(\text{CO})_3(\text{PyA})\text{P}]$ and $\text{cis-}[\text{M}(\text{CO})_2(\text{PyA})\text{P}]$ Complexes (PyA = Pyrazine-2-carboxylate, P =) <i>Tj ETQq1 1 0.784314 r</i>	4.0	2
32	Crystal structure of $\text{fac-}[\text{Re}(\text{CO})_3(\text{H}_2\text{O})(\text{E})]$ <i>Tj ETQq1 1 0.784314 r</i> 4-(benzo[ <i>d</i> ]thiazol-2-yl)- <i>N</i> -(pyridin-2-ylmethylidene)aniline- $^{99m}\text{Tc}$ $\text{fac-}[\text{Re}(\text{CO})_3(\text{H}_2\text{O})(\text{E})]$ hexafluoridophosphate methanol monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 580-584.	0.5	0
33	O-((Ferrocenyl)(3-fluorophenyl)methyl)hydroxylamine. <i>MolBank</i> , 2022, 2022, M1346.	0.5	0
34	Synthesis and Characterization of Novel $[\text{Re}(\text{CO})_3(\text{L})_2]$ Tricarbonyl Rhenium Complexes with the Hydrophilic Phosphine Ligands PTA and CAP. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-15.	4.1	0