

# Kalai Selvan Karumban

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

81  
citations

1874746  
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1637695  
9  
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9  
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docs citations

9  
times ranked

66  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization, structural, redox and electrocatalytic proton reduction properties of cobalt polypyridyl complexes. <i>Inorganica Chimica Acta</i> , 2022, 529, 120637.	1.2	5
2	High phenoxazinone synthase activity of two mononuclear cis-dichloro cobalt(ii) complexes with a rigid pyridyl scaffold. <i>New Journal of Chemistry</i> , 2022, 46, 521-532.	1.4	6
3	Mononuclear Co(II) polypyridyl complexes: synthesis, molecular structure, DNA binding/cleavage, radical scavenging, docking studies and anticancer activities. <i>Dalton Transactions</i> , 2022, 51, 7084-7099.	1.6	6
4	Mononuclear cobalt(II) complexes with polypyridyl ligands: Synthesis, characterization, DNA interactions and in vitro cytotoxicity towards human cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2022, 233, 111866.	1.5	5
5	Photolability of NO in ruthenium nitrosyls with pentadentate ligand induces exceptional cytotoxicity towards VCaP, 22Rv1 and A549 cancer cells under therapeutic condition. <i>Journal of Molecular Structure</i> , 2022, 1265, 133419.	1.8	1
6	Synthesis, structure, spectral, redox properties and anti-cancer activity of Ruthenium(II) Arene complexes with substituted Triazole Ligands. <i>Journal of Organometallic Chemistry</i> , 2021, 954-955, 122074.	0.8	4
7	Design, synthesis, structural, spectral, and redox properties and phenoxazinone synthase activity of tripodal pentacoordinate Mn(II) complexes with impressive turnover numbers. <i>Dalton Transactions</i> , 2021, 50, 16601-16612.	1.6	9
8	Ruthenium nitrosyl complexes with the molecular framework [Ru(II)(dmdptz)(bpy)(NO)] <sup>n+</sup> (dmdptz: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (<i>N</i>,<i>N</i>-dimet structure, reactivity aspects, photorelease, and scavenging of NO. <i>New Journal of Chemistry</i> , 2020, 44, 18732-18744.	1.4	13
9	Near-IR light-induced photorelease of nitric oxide (NO) on ruthenium nitrosyl complexes: formation, reactivity, and biological effects. <i>Dalton Transactions</i> , 2020, 49, 10772-10785.	1.6	32