

# Kalai Selvan Karumban

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5456684/publications.pdf>

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1684188  
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#	ARTICLE	IF	CITATIONS
1	Near-IR light-induced photorelease of nitric oxide (NO) on ruthenium nitrosyl complexes: formation, reactivity, and biological effects. Dalton Transactions, 2020, 49, 10772-10785.	3.3	32
2	Ruthenium nitrosyl complexes with the molecular framework [Ru <sup>II</sup> (dmdptz)(bpy)(NO)] <sup>n+</sup> (dmdptz: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (<i>N</i>,<i>N</i>-dimet structure, reactivity aspects, photorelease, and scavenging of NO. New Journal of Chemistry, 2020, 44, 18732-18744.	2.8	13
3	Design, synthesis, structural, spectral, and redox properties and phenoxazinone synthase activity of tripodal pentacoordinate Mn( <sup>ii</sup> ) complexes with impressive turnover numbers. Dalton Transactions, 2021, 50, 16601-16612.	3.3	9
4	High phenoxazinone synthase activity of two mononuclear cis-dichloro cobalt(ii) complexes with a rigid pyridyl scaffold. New Journal of Chemistry, 2022, 46, 521-532.	2.8	6
5	Mononuclear Co( <sup>ii</sup> ) polypyridyl complexes: synthesis, molecular structure, DNA binding/cleavage, radical scavenging, docking studies and anticancer activities. Dalton Transactions, 2022, 51, 7084-7099.	3.3	6
6	Synthesis, characterization, structural, redox and electrocatalytic proton reduction properties of cobalt polypyridyl complexes. Inorganica Chimica Acta, 2022, 529, 120637.	2.4	5
7	Mononuclear cobalt(II) complexes with polypyridyl ligands: Synthesis, characterization, DNA interactions and in vitro cytotoxicity towards human cancer cells. Journal of Inorganic Biochemistry, 2022, 233, 111866.	3.5	5
8	Synthesis, structure, spectral, redox properties and anti-cancer activity of Ruthenium(II) Arene complexes with substituted Triazole Ligands. Journal of Organometallic Chemistry, 2021, 954-955, 122074.	1.8	4
9	Photolability of NO in ruthenium nitrosyls with pentadentate ligand induces exceptional cytotoxicity towards VCaP, 22Rv1 and A549 cancer cells under therapeutic condition. Journal of Molecular Structure, 2022, 1265, 133419.	3.6	1