

# Md Kausar Raza

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

821  
citations

430874

18  
h-index

552781

26  
g-index

45  
all docs

45  
docs citations

45  
times ranked

773  
citing authors

#	ARTICLE	IF	CITATIONS
1	La( <sup>iii</sup> )-curcumin-functionalized gold nanocomposite as a red light-activatable mitochondria-targeting PDT agent. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 686-701.	6.0	8
2	BODIPY-dipicolylamine complexes of platinum( <sup>ii</sup> ): X-ray structure, cellular imaging and organelle-specific near-IR light type-II PDT. <i>Dalton Transactions</i> , 2022, 51, 3925-3936.	3.3	8
3	Investigation of heterojunction between $\hat{\Gamma}$ -Fe <sub>2</sub> O <sub>3</sub> /V <sub>2</sub> O <sub>5</sub> and g-C <sub>3</sub> N <sub>4</sub> ternary nanocomposites for upgraded photo-degradation performance of mixed pollutants: Efficient dual Z-scheme mechanism. <i>Journal of Alloys and Compounds</i> , 2022, 902, 163705.	5.5	25
4	Luminescent iridium( <sup>iii</sup> ) dipyrinato complexes: synthesis, X-ray structures, and DFT and photocytotoxicity studies of glycosylated derivatives. <i>Dalton Transactions</i> , 2022, 51, 3849-3863.	3.3	10
5	Highly stable tetradentate phosphonate-based green fluorescent Cu-MOF for anticancer therapy and antibacterial activity. <i>Materials Today Chemistry</i> , 2022, 24, 100882.	3.5	11
6	Modification of the 4Fe-4S Cluster Charge Transport Pathway Alters RNA Synthesis by Yeast DNA Primase. <i>Biochemistry</i> , 2022, 61, 1113-1123.	2.5	5
7	BODIPY based red emitters: Synthesis, computational and biological studies. <i>Bioorganic Chemistry</i> , 2021, 106, 104467.	4.1	13
8	A red light-activatable Mn( <sup>I</sup> )(CO) <sub>3</sub> -functionalized gold nanocomposite as the anticancer prodrug with theranostic potential. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6110.	3.5	10
9	Novel {Cu <sub>4</sub> } and {Cu <sub>4</sub> Cd <sub>6</sub> } clusters derived from flexible aminoalcohols: synthesis, characterization, crystal structures, and evaluation of anticancer properties. <i>Dalton Transactions</i> , 2021, 50, 11941-11953.	3.3	5
10	Discovery of new phenyl sulfonyl-pyrimidine carboxylate derivatives as the potential multi-target drugs with effective anti-Alzheimer's action: Design, synthesis, crystal structure and in-vitro biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2021, 215, 113224.	5.5	37
11	Photochemical and photocytotoxic evaluation of new Oxovanadium (IV) complexes in photodynamic application. <i>Journal of Chemical Sciences</i> , 2021, 133, 1.	1.5	8
12	Novel triazole-sulfonamide bearing pyrimidine moieties with carbonic anhydrase inhibitory action: Design, synthesis, computational and enzyme inhibition studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 48, 128249.	2.2	20
13	Co(II) complexes of curcumin and a ferrocene-based curcuminoid: a study on photo-induced antitumor activity. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 881-893.	2.6	3
14	Ir(III) and Ru(II) Complexes in Photoredox Catalysis and Photodynamic Therapy: A New Paradigm towards Anticancer Applications. <i>ChemBioChem</i> , 2021, 22, 3270-3272.	2.6	8
15	Oxoplatin-B, a cisplatin-based platinum(IV) complex with photoactive BODIPY for mitochondria specific $\alpha$ -chemo-PDT activity. <i>Journal of Inorganic Biochemistry</i> , 2021, 223, 111526.	3.5	21
16	Construction and investigation on perovskite-type SrTiO <sub>3</sub> @ reduced graphene oxide hybrid nanocomposite for enhanced photocatalytic performance. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 629, 127523.	4.7	40
17	Design, synthesis, crystal structure and anti-plasmodial evaluation of tetrahydrobenzo[4,5]thieno[2,3- <i>d</i> ]pyrimidine derivatives. <i>RSC Medicinal Chemistry</i> , 2021, 12, 970-981.	3.9	13
18	Unravelling the anticancer potential of a square planar copper complex: toward non-platinum chemotherapy. <i>RSC Advances</i> , 2021, 11, 39349-39361.	3.6	3

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19	Nucleus targeting anthraquinone-based copper (II) complexes as the potent PDT agents: Synthesis, photo-physical and theoretical evaluation. <i>Inorganica Chimica Acta</i> , 2020, 500, 119208.	2.4	16
20	Anticancer properties, apoptosis and catecholase mimic activities of dinuclear cobalt(II) and copper(II) Schiff base complexes. <i>Bioorganic Chemistry</i> , 2020, 95, 103561.	4.1	40
21	Ni(II) curcumin complexes for cellular imaging and photo-triggered in vitro anticancer activity. <i>European Journal of Medicinal Chemistry</i> , 2020, 204, 112632.	5.5	25
22	Photodynamic Applications of New Imidazo[4,5-a] [1,10]phenanthroline Oxidovanadium(IV) Complexes: Synthesis, Photochemical, and Cytotoxic Evaluation. <i>ChemistrySelect</i> , 2020, 5, 13824-13830.	1.5	7
23	Potent Photochemotherapeutic Activity of Iron(III) Complexes on Visible Light-induced Ligand to Metal Charge Transfer. <i>Chemistry Letters</i> , 2020, 49, 724-727.	1.3	4
24	Photo-physical, theoretical and photo-cytotoxic evaluation of a new class of lanthanide(III) curcumin/diketone complexes for PDT application. <i>Dalton Transactions</i> , 2020, 49, 10786-10798.	3.3	23
25	A New Thiophene-based Aggregation-induced Emission Chemosensor for Selective Detection of Zn <sup>2+</sup> Ions and Its Turn Off. <i>Chemistry Letters</i> , 2020, 49, 473-476.	1.3	10
26	Structurally Characterized BODIPY-Appended Oxidovanadium(IV) $\beta^2$ -Diketonates for Mitochondria-Targeted Photocytotoxicity. <i>ACS Omega</i> , 2020, 5, 4282-4292.	3.5	8
27	A reversible, benzothiazole-based "Turn-on" fluorescence sensor for selective detection of Zn <sup>2+</sup> ions in vitro. <i>Journal of Chemical Sciences</i> , 2020, 132, 1.	1.5	4
28	Synthesis of Water-Soluble Thioglycosylated <i>trans</i> -A <sub>2</sub> B <sub>2</sub> Type Porphyrins: Cellular Uptake Studies and Photodynamic Efficiency. <i>Journal of Organic Chemistry</i> , 2020, 85, 6309-6322.	3.2	23
29	Evaluation of photochemotherapeutic potential of a few oxo-bridged dimeric Fe(III) compounds having Salen-type ligands. <i>Polyhedron</i> , 2020, 186, 114614.	2.2	9
30	New Selenonaphthaquinone-Based Copper (II) Complexes as the Next-Generation Photochemotherapeutic Agents. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 21, 33-41.	1.7	3
31	Visible light-induced cytotoxicity studies on Co(II) complexes having an anthracene-based curcuminoid ligand. <i>Dalton Transactions</i> , 2019, 48, 12933-12942.	3.3	18
32	Water soluble thioglycosylated BODIPYs for mitochondria targeted cytotoxicity. <i>Bioorganic Chemistry</i> , 2019, 91, 103139.	4.1	23
33	Unprecedented isolation of a dinuclear tin (II) complex stabilized by pyridine-2,6-dimethanol: structure, DFT and in vitro screening of cytotoxic properties. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5006.	3.5	13
34	Naphthalene-triazolopyrimidine hybrid compounds as potential multifunctional anti-Alzheimer's agents. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3156-3166.	3.0	16
35	A multifunctional therapeutic approach: Synthesis, biological evaluation, crystal structure and molecular docking of diversified 1H-pyrazolo[3,4-b]pyridine derivatives against Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2019, 175, 2-19.	5.5	53
36	Mn(I)-based photoCORMs for trackable, visible light-induced CO release and photocytotoxicity to cancer cells. <i>Polyhedron</i> , 2019, 172, 125-131.	2.2	23

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37	Probing the antibacterial and anticancer potential of tryptamine based mixed ligand Schiff base Ruthenium(III) complexes. <i>Bioorganic Chemistry</i> , 2019, 87, 773-782.	4.1	31
38	ROS dependent antitumour activity of photo-activated iron(III) complexes of amino acids. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	1.5	7
39	Modulating In Vitro Photodynamic Activities of Copper(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2011-2018.	2.0	22
40	Pyriplatin-Boron-Dipyrromethene Conjugates for Imaging and Mitochondria-Targeted Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2018, 57, 14374-14385.	4.0	62
41	Photochemotherapy of Infrared Active BODIPY-Appended Iron(III) Catecholates for in Vivo Tumor Growth Inhibition. <i>ACS Omega</i> , 2018, 3, 9333-9338.	3.5	16
42	New amyloid beta-disaggregating agents: synthesis, pharmacological evaluation, crystal structure and molecular docking of <i>N</i> -(4-((7-chloroquinolin-4-yl)oxy)-3-ethoxybenzyl)amines. <i>MedChemComm</i> , 2018, 9, 1891-1904.	3.4	10
43	Monofunctional BODIPY-Appended Imidazoplatin for Cellular Imaging and Mitochondria-Targeted Photocytotoxicity. <i>Inorganic Chemistry</i> , 2017, 56, 11019-11029.	4.0	55
44	Photoactive platinum(II)-diketonates as dual action anticancer agents. <i>Dalton Transactions</i> , 2016, 45, 13234-13243.	3.3	48