Veerasamy Sathish

List of Publications by Year in Descending Order

31 papers	551 citations	14 h-index	23 g-index
32 ext. papers	666 ext. citations	5.3 avg, IF	3.9 L-index

#	Paper	IF	Citations
31	Aggregation induced emission (AIE), selective fluoride ion sensing and lysozyme interaction properties of Julolidinesulphonyl derived Schiff base. *Journal of Photochemistry and Photobiology A: Chemistry*, **2022**, 427, 113822	4.7	2
30	A novel colorimetric, selective fluorescent "turn-off" chemosensor and biomolecules binding studies based on iodosalicylimine schiff-base derivative. *Journal of Photochemistry and Photobiology A: Chemistry*, **2022**, 425, 113674	4.7	1
29	AIE or AIE(P)E-active transition metal complexes for highly sensitive detection of nitroaromatic explosives. *Results in Chemistry*, **2022**, 4, 100337	2.1	1
28	Multiple target detection and binding properties of naphthalene-derived Schiff-base chemosensor. *Journal of Molecular Liquids*, **2021**, 325, 115190	6	14
27	Selective anions mediated fluorescence "turn-on", aggregation induced emission (AIE) and lysozyme targeting properties of pyrene-naphthalene sulphonyl conjugate. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 252, 119537	4.4	6
26	Non-conventional photoactive transition metal complexes that mediated sensing and inhibition of amyloidogenic aggregates. *Coordination Chemistry Reviews*, **2021**, 428, 213612	23.2	4
25	Photophysical and theoretical investigations of diarylimidazole derivative with application as a fluorescence sensor for Fe(III). *Journal of Molecular Structure*, **2021**, 1224, 129185	3.4	2
24	Advances of Inorganic Materials in the Detection and Therapeutic Uses against Coronaviruses. *Current Medicinal Chemistry*, **2021**, 28, 5311-5327	4.3	1
23	Host-guest interaction studies of polycyclic aromatic hydrocarbons (PAHs) in alkoxy bridged binuclear rhenium (I) complexes. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 222, 117160	4.4	3
22	Aggregation induced emission enhancement (AIEE) of tripodal pyrazole derivatives for sensing of nitroaromatics and vapor phase detection of picric acid. *New Journal of Chemistry*, **2019**, 43, 7251-7258	3.6	16
21	Phosphorescence "Turn-On" Sensing of Anions by Rhenium(I) Schiff-Base Complexes. *ChemistrySelect*, **2018**, 3, 2277-2285	1.8	5
20	Aggregation-induced emission enhancement of anthracene-derived Schiff base compounds and their application as a sensor for bovine serum albumin and optical cell imaging. *Luminescence*, **2018**, 33, 780-789	2.5	19
19	Utilization of Heavy Metal Complexes as Phosphorogenic Sensors for the Detection of Amino Acids. *Oriental Journal of Chemistry*, **2018**, 34, 01-23	0.8	0
18	Unravelling the aggregation induced emission enhancement in Tris(4,7-diphenyl-1,10-phenanthroline)ruthenium(II) complex. *Inorganic Chemistry Communication*, **2018**, 98, 7-10	3.1	4
17	Recent developments on optical and electrochemical sensing of copper(II) ion based on transition metal complexes. *Coordination Chemistry Reviews*, **2017**, 343, 278-307	23.2	69
16	Aggregation induced emission enhancement (AIEE) characteristics of quinoline based compound - A versatile fluorescent probe for pH, Fe(III) ion, BSA binding and optical cell imaging. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 182, 58-66	4.4	12
15	Development of luminescent sensors based on transition metal complexes for the detection of nitroexplosives. *Dalton Transactions*, **2017**, 46, 16738-16769	4.3	44

List of Publications

14	Luminescent sensor for copper(II) ion based on imine functionalized monometallic rhenium(I) complexes. *Sensors and Actuators B: Chemical*, **2017**, 240, 1216-1225	8.5	19
13	Sensing of insulin fibrillation using alkoxy-bridged binuclear rhenium(I) complexes. *Inorganic Chemistry Communication*, **2016**, 73, 49-51	3.1	7
12	Synthesis and Photophysical Properties of Rhenium(I)-Alkynyl Molecular Rectangles. *Oriental Journal of Chemistry*, **2016**, 32, 1859-1873	0.8	
11	Aggregation-induced phosphorescence enhancement (AIPE) based on transition metal complexes□An overview. *Journal of Photochemistry and Photobiology C: Photochemistry Reviews*, **2015**, 23, 25-44	16.4	80
10	Synthesis and characterization of monometallic rhenium(I) complexes and their application as selective sensors for copper(II) ions. *RSC Advances*, **2015**, 5, 38479-38488	3.7	17
9	Sensing and inhibition of amyloid-□based on the simple luminescent aptamer-ruthenium complex system. *Talanta*, **2015**, 134, 348-353	6.2	29
8	Electron transfer reactions of ruthenium(II)-bipyridine complexes carrying tyrosine moiety with quinones. *Luminescence*, **2014**, 29, 754-61	2.5	6
7	p-Sulfonatocalix[4]arene as a carrier for curcumin. *New Journal of Chemistry*, **2014**, 38, 1336	3.6	24
6	Alkoxy bridged binuclear rhenium (I) complexes as a potential sensor for □amyloid aggregation. *Talanta*, **2014**, 130, 274-9	6.2	31
5	Photoswitchable alkoxy-bridged binuclear rhenium(I) complexes □a potential probe for biomolecules and optical cell imaging. *RSC Advances*, **2013**, 3, 18557	3.7	35
4	Aggregation-induced emission enhancement in alkoxy-bridged binuclear rhenium(I) complexes: application as sensor for explosives and interaction with microheterogeneous media. *Journal of Physical Chemistry B*, **2013**, 117, 14358-66	3.4	50
3	Aggregation induced emission characteristics of maleimide derivatives. *RSC Advances*, **2013**, 3, 22246	3.7	28
2	Monometallic rhenium(I) complexes as sensor for anions. *Inorganic Chemistry Communication*, **2013**, 35, 186-191	3.1	21
1	Structural behavior of rhenium complexes in fluoride sensing: a spectroscopic and computational study. *Structural Chemistry*,1	1.8	