

Veerasamy Sathish

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5792489/publications.pdf>

Version: 2024-02-01

32
papers

776
citations

516215

16
h-index

500791

28
g-index

32
all docs

32
docs citations

32
times ranked

1093
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregation-induced phosphorescence enhancement (AIPE) based on transition metal complexes—An overview. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2015, 23, 25-44.	5.6	97
2	Recent developments on optical and electrochemical sensing of copper(II) ion based on transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2017, 343, 278-307.	9.5	94
3	Development of luminescent sensors based on transition metal complexes for the detection of nitroexplosives. <i>Dalton Transactions</i> , 2017, 46, 16738-16769.	1.6	63
4	Aggregation-Induced Emission Enhancement in Alkoxy-Bridged Binuclear Rhenium(I) Complexes: Application as Sensor for Explosives and Interaction with Microheterogeneous Media. <i>Journal of Physical Chemistry B</i> , 2013, 117, 14358-14366.	1.2	56
5	Multiple target detection and binding properties of naphthalene-derived Schiff-base chemosensor. <i>Journal of Molecular Liquids</i> , 2021, 325, 115190.	2.3	40
6	Photoswitchable alkoxy-bridged binuclear rhenium(i) complexes — a potential probe for biomolecules and optical cell imaging. <i>RSC Advances</i> , 2013, 3, 18557.	1.7	39
7	Aggregation-induced emission enhancement of anthracene-derived Schiff base compounds and their application as a sensor for bovine serum albumin and optical cell imaging. <i>Luminescence</i> , 2018, 33, 780-789.	1.5	37
8	Sensing and inhibition of amyloid- β^2 based on the simple luminescent aptamer—ruthenium complex system. <i>Talanta</i> , 2015, 134, 348-353.	2.9	36
9	Alkoxy bridged binuclear rhenium (I) complexes as a potential sensor for β^2 -amyloid aggregation. <i>Talanta</i> , 2014, 130, 274-279.	2.9	34
10	Aggregation induced emission characteristics of maleimide derivatives. <i>RSC Advances</i> , 2013, 3, 22246.	1.7	33
11	p-Sulfonatocalix[4]arene as a carrier for curcumin. <i>New Journal of Chemistry</i> , 2014, 38, 1336.	1.4	32
12	Luminescent sensor for copper(II) ion based on imine functionalized monometallic rhenium(I) complexes. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 1216-1225.	4.0	23
13	Aggregation induced emission enhancement (AIEE) of tripodal pyrazole derivatives for sensing of nitroaromatics and vapor phase detection of picric acid. <i>New Journal of Chemistry</i> , 2019, 43, 7251-7258.	1.4	23
14	Monometallic rhenium(I) complexes as sensor for anions. <i>Inorganic Chemistry Communication</i> , 2013, 35, 186-191.	1.8	21
15	Synthesis and characterization of monometallic rhenium(<i>i</i>) complexes and their application as selective sensors for copper(<i>ii</i>) ions. <i>RSC Advances</i> , 2015, 5, 38479-38488.	1.7	19
16	A novel colorimetric, selective fluorescent —turn-off— chemosensor and biomolecules binding studies based on iodosalicylimine schiff-base derivative. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 425, 113674.	2.0	19
17	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 182, 58-66.	2.0	17
18	Selective anions mediated fluorescence —turn-on—, aggregation induced emission (AIE) and lysozyme targeting properties of pyrene-naphthalene sulphonyl conjugate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119537.	2.0	13

#	ARTICLE	IF	CITATIONS
19	Aggregation induced emission (AIE), selective fluoride ion sensing and lysozyme interaction properties of Julolidinesulphonyl derived Schiff base. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 427, 113822.	2.0	13
20	Non-conventional photoactive transition metal complexes that mediated sensing and inhibition of amyloidogenic aggregates. <i>Coordination Chemistry Reviews</i> , 2021, 428, 213612.	9.5	11
21	Unravelling the aggregation induced emission enhancement in Tris(4,7-diphenyl-1,10-phenanthroline)ruthenium(II) complex. <i>Inorganic Chemistry Communication</i> , 2018, 98, 7-10.	1.8	10
22	Electron transfer reactions of ruthenium(II)â€“bipyridine complexes carrying tyrosine moiety with quinones. <i>Luminescence</i> , 2014, 29, 754-761.	1.5	8
23	Host-guest interaction studies of polycyclic aromatic hydrocarbons (PAHs) in alkoxy bridged binuclear rhenium (I) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 222, 117160.	2.0	8
24	Sensing of insulin fibrillation using alkoxy-bridged binuclear rhenium(I) complexes. <i>Inorganic Chemistry Communication</i> , 2016, 73, 49-51.	1.8	7
25	AIE or AIE(P)E-active transition metal complexes for highly sensitive detection of nitroaromatic explosives. <i>Results in Chemistry</i> , 2022, 4, 100337.	0.9	7
26	Phosphorescence â€œTurnâ€“Onâ€“Sensing of Anions by Rhenium(I) Schiffâ€“Base Complexes. <i>ChemistrySelect</i> , 2018, 3, 2277-2285.	0.7	6
27	Photophysical and theoretical investigations of diarylimidazole derivative with application as a fluorescence sensor for Fe(III). <i>Journal of Molecular Structure</i> , 2021, 1224, 129185.	1.8	4
28	Advances of Inorganic Materials in the Detection and Therapeutic Uses against Coronaviruses. <i>Current Medicinal Chemistry</i> , 2021, 28, 5311-5327.	1.2	2
29	Structural behavior of rhenium complexes in fluoride sensing: a spectroscopic and computational study. <i>Structural Chemistry</i> , 2022, 33, 1041-1053.	1.0	2
30	Utilization of Heavy Metal Complexes as Phosphorogenic Sensors for the Detection of Amino Acids. <i>Oriental Journal of Chemistry</i> , 2018, 34, 01-23.	0.1	1
31	Electrochemical Sensor for Catechol Based on a Polyaniline-Tyrosinase Recognition Element. <i>Journal of Bionanoscience</i> , 2018, 12, 772-779.	0.4	1
32	Synthesis and Photophysical Properties of Rhenium(I)-Alkynyl Molecular Rectangles. <i>Oriental Journal of Chemistry</i> , 2016, 32, 1859-1873.	0.1	0