

Veerasamy Sathish

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5792489/veerasamy-sathish-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 phosphorescence enhancement (AIPE) based on transition metal complexes: An overview. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2015 , 23, 25-44	16.4	80
30	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	23.2	69
29	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, 14358-66	3.4	50
28	Development of luminescent sensors based on transition metal complexes for the detection of nitroexplosives. <i>Dalton Transactions</i> , 2017 , 46, 16738-16769	4.3	44
27	Photoswitchable alkoxy-bridged binuclear rhenium(I) complexes: A potential probe for biomolecules and optical cell imaging. <i>RSC Advances</i> , 2013 , 3, 18557	3.7	35
26	Alkoxy bridged binuclear rhenium (I) complexes as a potential sensor for β amyloid aggregation. <i>Talanta</i> , 2014 , 130, 274-9	6.2	31
25	Sensing and inhibition of amyloid- β based on the simple luminescent aptamer-ruthenium complex system. <i>Talanta</i> , 2015 , 134, 348-353	6.2	29
24	Aggregation induced emission characteristics of maleimide derivatives. <i>RSC Advances</i> , 2013 , 3, 22246	3.7	28
23	p-Sulfonatocalix[4]arene as a carrier for curcumin. <i>New Journal of Chemistry</i> , 2014 , 38, 1336	3.6	24
22	Monometallic rhenium(I) complexes as sensor for anions. <i>Inorganic Chemistry Communication</i> , 2013 , 35, 186-191	3.1	21
21	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	2.5	19
20	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	8.5	19
19	Synthesis and characterization of monometallic rhenium(I) complexes and their application as selective sensors for copper(II) ions. <i>RSC Advances</i> , 2015 , 5, 38479-38488	3.7	17
18	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	3.6	16
17	Multiple target detection and binding properties of naphthalene-derived Schiff-base chemosensor. <i>Journal of Molecular Liquids</i> , 2021 , 325, 115190	6	14
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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 182, 58-66	4.4	12
15	Sensing of insulin fibrillation using alkoxy-bridged binuclear rhenium(I) complexes. <i>Inorganic Chemistry Communication</i> , 2016 , 73, 49-51	3.1	7

14	Electron transfer reactions of ruthenium(II)-bipyridine complexes carrying tyrosine moiety with quinones. <i>Luminescence</i> , 2014 , 29, 754-61	2.5	6
13	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	4.4	6
12	Phosphorescence Turn-On Sensing of Anions by Rhenium(I) Schiff-Base Complexes. <i>ChemistrySelect</i> , 2018 , 3, 2277-2285	1.8	5
11	Non-conventional photoactive transition metal complexes that mediated sensing and inhibition of amyloidogenic aggregates. <i>Coordination Chemistry Reviews</i> , 2021 , 428, 213612	23.2	4
10	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	3.1	4
9	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	4.4	3
8	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	4.7	2
7	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	3.4	2
6	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	4.7	1
5	Advances of Inorganic Materials in the Detection and Therapeutic Uses against Coronaviruses. <i>Current Medicinal Chemistry</i> , 2021 , 28, 5311-5327	4.3	1
4	AIE or AIE(P)E-active transition metal complexes for highly sensitive detection of nitroaromatic explosives. <i>Results in Chemistry</i> , 2022 , 4, 100337	2.1	1
3	Utilization of Heavy Metal Complexes as Phosphorogenic Sensors for the Detection of Amino Acids. <i>Oriental Journal of Chemistry</i> , 2018 , 34, 01-23	0.8	0
2	Synthesis and Photophysical Properties of Rhenium(I)-Alkynyl Molecular Rectangles. <i>Oriental Journal of Chemistry</i> , 2016 , 32, 1859-1873	0.8	
1	Structural behavior of rhenium complexes in fluoride sensing: a spectroscopic and computational study. <i>Structural Chemistry</i> , 1	1.8	