

Arzcan Koşyigit

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

626
citations

623734

14
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

810
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Chemical modification of silica gel with synthesized new Schiff base derivatives and sorption studies of cobalt (II) and nickel (II). <i>Applied Surface Science</i> , 2009, 255, 8798-8803. | 6.1 | 68 |
| 2 | A new perylene bisimide-armed calix[4]-aza-crown as a fluorescent sensor for Hg ²⁺ ion and its application to living cells. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 381-388. | 7.8 | 61 |
| 3 | Anthracene excimer-based fluorescent sensor for Cr ³⁺ and Fe ³⁺ ions: Its application to living cells. <i>Talanta</i> , 2016, 158, 63-69. | 5.5 | 57 |
| 4 | Dual recognition of Zn ²⁺ and Al ³⁺ ions by a novel probe containing two fluorophore through different signaling mechanisms. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 56-61. | 7.8 | 57 |
| 5 | Dual-channel fluorescent probe based on bisphenol A-rhodamine for Zn ²⁺ and Hg ²⁺ through different signaling mechanisms and its bioimaging studies. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 230-238. | 7.8 | 55 |
| 6 | Adsorptive removal of Cu(II) and Ni(II) ions from aqueous media by chemical immobilization of three different aldehydes. <i>Desalination</i> , 2011, 271, 92-99. | 8.2 | 45 |
| 7 | A novel dye based on phenolphthalein-fluorescein as a fluorescent probe for the dual-channel detection of Hg ²⁺ and Zn ²⁺ . <i>Dyes and Pigments</i> , 2017, 145, 72-79. | 3.7 | 42 |
| 8 | Detection of Hg ²⁺ ion in aqueous media by new fluorometric and colorimetric sensor based on triazole-rhodamine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 309, 15-21. | 3.9 | 40 |
| 9 | Reversible OFF-ON fluorescent and colorimetric sensor based benzothiazole-bisphenol A for fluoride in MeCN. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 900-905. | 7.8 | 32 |
| 10 | "Naked-eye" detection of F ⁻ ions by two novel colorimetric receptors. <i>Tetrahedron Letters</i> , 2013, 54, 613-617. | 1.4 | 31 |
| 11 | Fluorogenic Recognition of Zn ²⁺ , Al ³⁺ and F ⁻ Ions by a New Multi-Analyte Chemosensor Based Bisphenol A-Quinoline. <i>Journal of Fluorescence</i> , 2015, 25, 719-727. | 2.5 | 27 |
| 12 | Complexation properties and synthesis of a novel Schiff base with triphenylene nucleus. <i>Journal of Hazardous Materials</i> , 2010, 183, 334-340. | 12.4 | 24 |
| 13 | A novel colorimetric and fluorescent sensor based on calix[4]arene possessing triphenylamine units. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 114, 190-196. | 3.9 | 18 |
| 14 | The investigation of complexation properties and synthesis of the (salen and salophen)-bridged Fe/Cr(III) capped complexes of novel Schiff bases. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 67, 29-37. | 1.6 | 16 |
| 15 | A reversible calix[4]arene armed phenolphthalein based fluorescent probe for the detection of Zn ²⁺ and an application in living cells. <i>Luminescence</i> , 2019, 34, 106-112. | 2.9 | 13 |
| 16 | Anthracene-modified isophorone derivative with NIR-emission for hypochlorite detection by the oxidative decomposition reaction and its applications. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 193, 111007. | 5.0 | 11 |
| 17 | Synthesis of 1,3,5-tris(4-(4-nitrophenyliminomethyl)phenoxy)methyl)benzene as a new Schiff base and its complexation properties with the (salen and salophen)-bridged Fe/Cr(III). <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 67, 287-293. | 1.6 | 8 |
| 18 | A novel Schiff base bearing dopamine groups with tripodal structure. Synthesis and its salen/salophen-bridged Fe/Cr(III) capped complexes. <i>Journal of Molecular Structure</i> , 2013, 1034, 69-74. | 3.6 | 6 |

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|----|---|-----|-----------|
| 19 | Development of New Electrochemical Surfaces for the Detection of Metals in Waste Water. Clean - Soil, Air, Water, 2010, 38, 921-926. | 1.1 | 4 |
| 20 | The (salophen)-bridged Fe/Cr (III) capped complexes with triphenylene core: Synthesis and characterization. Journal of Organometallic Chemistry, 2011, 696, 3106-3112. | 1.8 | 3 |
| 21 | Properties and Synthesis of the Cr(III)-Salen/Salophen Complexes Containing Triphenylamine Core. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 196-204. | 0.6 | 3 |
| 22 | Sorption of Cu(II) onto silica gel immobilized calix[4]arene derivative with tripodal structure. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2012, 72, 137-147. | 1.6 | 3 |
| 23 | Optical and quantitative detection of Ca ²⁺ ion by an calix[4]arene-isophorone incorporated fluorometric and colorimetric probe. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 425, 113713. | 3.9 | 2 |