

Kadriye Ertekin

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2307847/kadriye-ertekin-publications-by-citations.pdf>

Version: 2024-04-23

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.

71
papers

1,286
citations

21
h-index

32
g-index

73
ext. papers

1,385
ext. citations

4.2
avg, IF

4.37
L-index

#	Paper	IF	Citations
71	Characterization of a newly synthesized fluorescent benzofuran derivative and usage as a selective fiber optic sensor for Fe(III). <i>Sensors and Actuators B: Chemical</i> , 2007 , 122, 450-456	8.5	116
70	Ratiometric sensing of CO ₂ in ionic liquid modified ethyl cellulose matrix. <i>Talanta</i> , 2008 , 76, 557-63	6.2	65
69	Emission-based optical carbon dioxide sensing with HPTS in green chemistry reagents: room-temperature ionic liquids. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 386, 1225-34	4.4	56
68	Fiber optic pH sensing with long wavelength excitable Schiff bases in the pH range of 7.0-12.0. <i>Analytica Chimica Acta</i> , 2007 , 588, 42-9	6.6	54
67	Fluorescence emission studies of an azlactone derivative embedded in polymer films. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2000 , 137, 155-161	4.7	50
66	Photocharacterization of a novel fluorescent Schiff Base and investigation of its utility as an optical Fe ³⁺ sensor in PVC matrix. <i>Dyes and Pigments</i> , 2007 , 74, 730-735	4.6	48
65	Photophysical and photochemical characteristics of an azlactone dye in sol-gel matrix; a new fluorescent pH indicator. <i>Dyes and Pigments</i> , 2003 , 56, 125-133	4.6	43
64	Room temperature ionic liquids as optical sensor matrix materials for gaseous and dissolved CO ₂ . <i>Sensors and Actuators B: Chemical</i> , 2006 , 117, 295-301	8.5	42
63	Characterization of a reservoir-type capillary optical microsensor for pCO ₂ (2) measurements. <i>Talanta</i> , 2003 , 59, 261-7	6.2	40
62	Optical CO ₂ sensing with ionic liquid doped electrospun nanofibers. <i>Journal of Fluorescence</i> , 2011 , 21, 607-13	2.4	36
61	An ultra sensitive fluorescent nanosensor for detection of ionic copper. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 135, 551-9	4.4	31
60	Photophysical and optical oxygen sensing properties of tris(bipyridine)ruthenium(II) in ionic liquid modified sol-gel matrix. <i>Materials Chemistry and Physics</i> , 2009 , 113, 322-328	4.4	31
59	Structural and luminescence properties of undoped, Nd ³⁺ and Er ³⁺ doped TiO ₂ nanoparticles synthesized by flame spray pyrolysis method. <i>Ceramics International</i> , 2016 , 42, 10579-10586	5.1	31
58	Copper ion sensing with fluorescent electrospun nanofibers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 90, 177-85	4.4	30
57	Fluorescence emission studies of 4-(2-furylmethylene)-2-phenyl-5-oxazolone embedded in polymer thin film and detection of Fe ³⁺ ion. <i>Dyes and Pigments</i> , 2007 , 72, 150-156	4.6	29
56	Optical pH sensor based on spectral response of newly synthesized Schiff bases. <i>Dyes and Pigments</i> , 2004 , 62, 35-41	4.6	29
55	Enhanced stability of ruthenium complex in ionic liquid doped electrospun fibers. <i>Sensors and Actuators B: Chemical</i> , 2013 , 183, 11-19	8.5	27

54	Spectral characterization of a newly synthesized fluorescent semicarbazone derivative and its usage as a selective fiber optic sensor for copper(II). <i>Analytica Chimica Acta</i> , 2007 , 584, 308-14	6.6	25
53	Design of oxygen sensing nanomaterial: synthesis, encapsulation of phenylacetylde substituted Pd(II) and Pt(II) meso-tetraphenylporphyrins into poly(1-trimethylsilyl-1-propyne) nanofibers and influence of silver nanoparticles. <i>RSC Advances</i> , 2016 , 6, 9967-9977	3.7	24
52	Emission based fiber optic pH sensing with Schiff bases bearing dimethylamino groups. <i>Dyes and Pigments</i> , 2008 , 76, 133-141	4.6	23
51	Sub-nanomolar sensing of ionic mercury with polymeric electrospun nanofibers. <i>Materials Chemistry and Physics</i> , 2012 , 133, 547-552	4.4	22
50	Tuning oxygen sensitivity of ruthenium complex exploiting silver nanoparticles. <i>Journal of Luminescence</i> , 2014 , 155, 191-197	3.8	19
49	Spectroscopic probing of acidBase properties and photocharacterization of phthalocyanines in organic solvents and polymer matrices. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009 , 202, 205-213	4.7	18
48	Emission based sub-nanomolar silver sensing with electrospun nanofibers. <i>Sensors and Actuators B: Chemical</i> , 2011 , 153, 205-213	8.5	18
47	A long wavelength excitable fluorophore; chloro phenyl imino propenyl aniline (CPIPA) for selective sensing of Hg (II). <i>Journal of Fluorescence</i> , 2010 , 20, 533-40	2.4	18
46	Determination of p values of azlactone dyes in non-aqueous media. <i>Dyes and Pigments</i> , 2005 , 65, 33-38	4.6	18
45	Glucose sensing employing fluorescent pH indicator: 4-[-dimethylamino]benzylidene]-2-phenyloxazole-5-one. <i>Dyes and Pigments</i> , 2005 , 67, 133-138	4.6	18
44	Fiber optic sodium and potassium sensing by using a newly synthesized squaraine dye in PVC matrix. <i>Talanta</i> , 2002 , 58, 719-27	6.2	16
43	Production, characterization, and luminescent properties of Eu ³⁺ doped yttrium niobate/antalate films. <i>Journal of Advanced Ceramics</i> , 2017 , 6, 33-42	10.7	15
42	Lifetime-Based Oxygen Sensing Properties of palladium(II) and platinum(II) meso-tetrakis(4-phenylethynyl)phenylporphyrin. <i>Journal of Fluorescence</i> , 2017 , 27, 861-868	2.4	15
41	Selective sensing of Fe ³⁺ at pico-molar level with ethyl cellulose based electrospun nanofibers. <i>Reactive and Functional Polymers</i> , 2013 , 73, 674-682	4.6	15
40	Multi-disciplinary earthquake researches in Western Turkey: Hints to select sites to study geochemical transients associated to seismicity. <i>Acta Geophysica</i> , 2010 , 58, 767-813	2.2	15
39	Sol-gel synthesized Sr ₄ Al ₁₄ O ₂₅ :Eu ²⁺ /Dy ³⁺ blue/green phosphorous as oxygen sensing materials. <i>Optical Materials</i> , 2016 , 62, 285-296	3.3	14
38	Emission based oxygen sensing approach with tris(2,2'-bipyridyl)ruthenium(II)chloride in green chemistry reagents: room temperature ionic liquids. <i>Mikrochimica Acta</i> , 2008 , 161, 209-216	5.8	14
37	Significant sensitivity and stability enhancement of tetraphenylporphyrin-based optical oxygen sensing material in presence of perfluorochemicals. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 431-439	1.8	13

36	Tuning pH sensitivities of zinc phthalocyanines in ionic liquid modified matrices. <i>Sensors and Actuators B: Chemical</i> , 2011 , 156, 236-244	8.5	13
35	Photocharacterization of novel ruthenium dyes and their utilities as oxygen sensing materials in presence of perfluorochemicals. <i>Journal of Fluorescence</i> , 2008 , 18, 269-76	2.4	13
34	Synthesis and spectral characterization of Sr ₄ Al ₁₄ O ₂₅ :Eu ²⁺ /Dy ³⁺ blue-green phosphorous powders by sol-gel method. <i>Materials Science in Semiconductor Processing</i> , 2015 , 31, 611-617	4.3	12
33	Determination of Hg(II) at sub-nanomolar levels: A comparative study with nanofibrous materials and continuous thin films. <i>Sensors and Actuators B: Chemical</i> , 2013 , 181, 244-250	8.5	10
32	Silver and proton driven fluorescent multiple-mode molecular logic gates employing phthalocyanines. <i>Materials Chemistry and Physics</i> , 2010 , 121, 425-431	4.4	10
31	Enhanced emission based optical carbon dioxide sensing in presence of perfluorochemicals (PFCs). <i>Sensors and Actuators B: Chemical</i> , 2006 , 115, 672-677	8.5	10
30	Photostability studies of thermomesomorphic derivatives of 2,5-dihydropyrrolo[3,4-c]pyrrole-1,4-dione. <i>Dyes and Pigments</i> , 2004 , 60, 103-110	4.6	10
29	Luminescent properties of scintillator nanophosphors produced by flame spray pyrolysis. <i>Journal of Luminescence</i> , 2017 , 187, 304-312	3.8	9
28	Enhanced optical oxygen sensing using a newly synthesized ruthenium complex together with oxygen carriers. <i>Talanta</i> , 2003 , 61, 573-9	6.2	9
27	Fluorescent Probes for Silver Detection Employing Phthalocyanines in Polymer Matrices. <i>Sensor Letters</i> , 2010 , 8, 336-343	0.9	9
26	Structural and luminescent properties of Er ³⁺ and Tb ³⁺ -doped sol-gel-based bioactive glass powders and electrospun nanofibers. <i>Journal of Materials Science</i> , 2021 , 56, 14487-14504	4.3	8
25	Hyperporphyrin effect on oxygen sensitivity of free meso-tetraphenylporphyrins. <i>Dyes and Pigments</i> , 2017 , 144, 102-109	4.6	7
24	A novel fluorescent nano-scale sensor for detection of trace amounts of Ca (II) ions. <i>Journal of Luminescence</i> , 2014 , 147, 265-272	3.8	7
23	Dissolved Carbon Dioxide Sensing with Phenyl-Linked Carbazole Oxazolones in Ionic Liquid and Ethyl Cellulose Moieties. <i>Spectroscopy Letters</i> , 2012 , 45, 74-83	1.1	7
22	Determination of pK _a values of clinically important perfluorochemicals in nonaqueous media. <i>Journal of Analytical Chemistry</i> , 2008 , 63, 1051-1056	1.1	7
21	Polyoxy-Derivatized Perylene-diimide as Selective Fluorescent Ag (I) Chemosensor. <i>Journal of Fluorescence</i> , 2016 , 26, 2311-2320	2.4	6
20	Investigation of Spectral Interactions between a SrAlO:Eu, Dy Phosphor and Nano-Scale TiO ₂ . <i>Journal of Fluorescence</i> , 2020 , 30, 839-847	2.4	6
19	Improvement of the O ₂ detection: Substituent effect on Pd(II) meso-tetraphenylporphyrin probes. <i>Sensors and Actuators B: Chemical</i> , 2019 , 288, 316-324	8.5	5

18	An Ion Chromatography Method for the Determination of Major Anions In Geothermal Water Samples. <i>Geostandards and Geoanalytical Research</i> , 2010 , 34, 67-77	3.6	5
17	Enhanced CO ₂ Sensing with Ionic Liquid Modified Electrospun Nanofibers: Effect of Ionic Liquid Type. <i>Sensor Letters</i> , 2013 , 11, 1591-1599	0.9	5
16	Boosting optical performance of polymer embedded phosphors using iodine-free and iodine-decorated sol-gel synthesized Fe ₂ O ₃ . <i>Optical Materials</i> , 2019 , 95, 109238	3.3	4
15	Photoluminescence and decay characteristics of cerium, gallium and vanadium - containing borate-based bioactive glass powders for bioimaging applications. <i>Ceramics International</i> , 2021 , 47, 3797-3807	5.1	4
14	Manipulation of brightness and decay kinetics of LuAG: Ce ³⁺ and YAG: Ce ³⁺ by simple metal oxides in polymeric matrices. <i>Optics and Laser Technology</i> , 2021 , 142, 107226	4.2	4
13	Investigation of light induced interactions between ZnO nano-particles and red emitting phosphor blends of Eu ²⁺ /Dy ³⁺ doped strontium aluminate and Eu ²⁺ doped Ca-Sialon. <i>Journal of Luminescence</i> , 2021 , 238, 118236	3.8	4
12	Suppression of interfering ions by using ionic liquid and micelle moieties in spectrofluorimetric analysis of manganese. <i>Turkish Journal of Chemistry</i> , 2016 , 40, 373-384	1	3
11	Enhancing optical properties of Lu ₃ Al ₅ O ₁₂ :Ce ³⁺ by cost-effective silica-based photonic crystals. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 10267-10278	2.1	3
10	pH-Driven Fluorescent Switch Behavior of Azometine Dyes in Solid Matrix Materials. <i>Spectroscopy Letters</i> , 2010 , 43, 500-512	1.1	3
9	Potassium Sensing by Using a Newly Synthesized Squaraine Dye in Sol-Gel Matrix. <i>Journal of Fluorescence</i> , 2002 , 12, 263-268	2.4	3
8	Manipulating spectral properties of the Hg (II) sensitive carbazole-oxadiazole derivative by silver nanoparticles: Two different sensing mechanisms for the same probe. <i>Optical Materials</i> , 2021 , 115, 111030	3.3	3
7	Synthesis, characterization and oxygen sensitivity of cyclophosphazene equipped-iridium (III) complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 239, 118490	4.4	2
6	Sol-gel synthesis, characterization, and photoluminescence properties of sub-micron Gd ₂ O ₂ SO ₄ powders. <i>Journal of the Australian Ceramic Society</i> , 2017 , 53, 457-463	1.5	2
5	Enhanced Luminescence Based Response towards pH in Highly Acidic Environments by the Silver Nanoparticles and Ionic Liquids. <i>Journal of Fluorescence</i> , 2019 , 29, 549-567	2.4	1
4	Manipulation of pH induced sensitivity of a fluorescent probe in presence of silver nanoparticles. <i>Journal of Luminescence</i> , 2015 , 168, 228-235	3.8	1
3	Emission Based Sensing of Subnanomolar Dissolved Carbon Dioxide Exploiting Electrospun Nanofibers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014 , 63, 197-206	3	1
2	Investigation of optical and electrochemical properties as well as metal ion sensitivities of different number of crown ether appended phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 682-690	1.8	1
1	Enhancement of optical properties of Lu ₃ Al ₅ O ₁₂ :Ce ³⁺ and Ca-SialON:Eu ²⁺ by quinine sulphate. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 10267-10278	2.1	1

