

Kadriye Ertekin

List of Publications by Year in Descending Order

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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	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
70	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
69	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
68	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
67	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
66	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
65	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
64	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
63	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
62	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
61	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
60	Production, characterization, and luminescent properties of Eu ³⁺ doped yttrium niobate-tantalate films. <i>Journal of Advanced Ceramics</i> , 2017 , 6, 33-42	10.7	15
59	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
58	Hyperporphyrin effect on oxygen sensitivity of free meso -tetraphenylporphyrins. <i>Dyes and Pigments</i> , 2017 , 144, 102-109	4.6	7
57	Luminescent properties of scintillator nanophosphors produced by flame spray pyrolysis. <i>Journal of Luminescence</i> , 2017 , 187, 304-312	3.8	9
56	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
55	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

54	Polyoxy-Derivatized Perylenediimide as Selective Fluorescent Ag (I) Chemosensor. <i>Journal of Fluorescence</i> , 2016 , 26, 2311-2320	2.4	6
53	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
52	Design of oxygen sensing nanomaterial: synthesis, encapsulation of phenylacetylide 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
51	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
50	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
49	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
48	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
47	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
46	Tuning oxygen sensitivity of ruthenium complex exploiting silver nanoparticles. <i>Journal of Luminescence</i> , 2014 , 155, 191-197	3.8	19
45	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
44	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
43	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
42	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
41	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
40	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
39	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
38	Sub-nanomolar sensing of ionic mercury with polymeric electrospun nanofibers. <i>Materials Chemistry and Physics</i> , 2012 , 133, 547-552	4.4	22
37	Copper ion sensing with fluorescent electrospun nanofibers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 90, 177-85	4.4	30

36	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
35	Optical CO ₂ sensing with ionic liquid doped electrospun nanofibers. <i>Journal of Fluorescence</i> , 2011 , 21, 607-13	2.4	36
34	Emission based sub-nanomolar silver sensing with electrospun nanofibers. <i>Sensors and Actuators B: Chemical</i> , 2011 , 153, 205-213	8.5	18
33	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
32	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
31	pH-Driven Fluorescent Switch Behavior of Azometine Dyes in Solid Matrix Materials. <i>Spectroscopy Letters</i> , 2010 , 43, 500-512	1.1	3
30	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
29	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
28	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
27	Fluorescent Probes for Silver Detection Employing Phthalocyanines in Polymer Matrices. <i>Sensor Letters</i> , 2010 , 8, 336-343	0.9	9
26	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
25	Spectroscopic probing of acid-base 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
24	Ratiometric sensing of CO ₂ in ionic liquid modified ethyl cellulose matrix. <i>Talanta</i> , 2008 , 76, 557-63	6.2	65
23	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
22	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
21	Emission based fiber optic pH sensing with Schiff bases bearing dimethylamino groups. <i>Dyes and Pigments</i> , 2008 , 76, 133-141	4.6	23
20	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
19	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

18	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
17	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
16	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
15	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
14	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
13	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
12	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
11	Determination of p values of azlactone dyes in non-aqueous media. <i>Dyes and Pigments</i> , 2005 , 65, 33-38	4.6	18
10	Glucose sensing employing fluorescent pH indicator: 4-[(<i>o</i> ,-dimethylamino)benzylidene]-2-phenyloxazole-5-one. <i>Dyes and Pigments</i> , 2005 , 67, 133-138	4.6	18
9	Photostability studies of thermomesomorphic derivatives of 2,5-dihydropyrrolo[3,4- <i>c</i>]pyrrole-1,4-dione. <i>Dyes and Pigments</i> , 2004 , 60, 103-110	4.6	10
8	Optical pH sensor based on spectral response of newly synthesized Schiff bases. <i>Dyes and Pigments</i> , 2004 , 62, 35-41	4.6	29
7	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
6	Characterization of a reservoir-type capillary optical microsensor for pCO ₂ measurements. <i>Talanta</i> , 2003 , 59, 261-7	6.2	40
5	Enhanced optical oxygen sensing using a newly synthesized ruthenium complex together with oxygen carriers. <i>Talanta</i> , 2003 , 61, 573-9	6.2	9
4	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
3	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
2	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
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> , 1	2.1	

