

Yavuz Onganer

List of Publications by Year in descending order

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69
papers

2,130
citations

236925

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44
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docs citations

69
times ranked

2293
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of some phenolic compounds on the inhibition of α -glucosidase enzyme-immobilized on Pluronic®F127 micelles: An in vitro and in silico study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 632, 127839.	4.7	14
2	A novel "turn-off" fluorescent sensor based on cranberry derived carbon dots to detect iron (III) and hypochlorite ions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 424, 113655.	3.9	23
3	A new FRET-based functional chemosensor for fluorometric detection of Fe ³⁺ and its validation through in silico studies. <i>Journal of Molecular Structure</i> , 2022, 1256, 132448.	3.6	6
4	Photophysical properties and rotational dynamics of coumarin 30 dye in reverse micelle systems. <i>Journal of Luminescence</i> , 2022, 248, 118947.	3.1	3
5	Safranin T- SDS- GO ternary system: A fluorescent pH sensor. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111977.	5.0	8
6	Molecular aggregates of pyronin dyes with polyelectrolyte polystyrene sulfonate (PSS) in aqueous solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 391, 112309.	3.9	3
7	Synthesis and photophysical properties of new pyrazolines with triphenyl and ester derivatives. <i>Journal of Molecular Structure</i> , 2020, 1214, 128213.	3.6	14
8	Preparation of bio-electrodes via Langmuir-Blodgett technique for pharmaceutical and waste industries and their biosensor application. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 583, 124005.	4.7	18
9	Photophysical and photodynamic properties of Pyronin Y in micellar media at different temperatures. <i>Luminescence</i> , 2019, 34, 415-425.	2.9	9
10	A facile route for the preparation of silver nanoparticles-graphene oxide nanocomposites and their interactions with pyronin Y dye molecules. <i>Dyes and Pigments</i> , 2019, 162, 926-933.	3.7	19
11	Optical and morphological characterization of novel Coumarin 151 doped polyvinylpyrrolidone thin film. <i>Journal of Luminescence</i> , 2019, 205, 318-323.	3.1	7
12	Photophysics and photodynamics of Pyronin Y in alcohols. <i>Luminescence</i> , 2018, 33, 1394-1400.	2.9	7
13	Study of energy transfer mechanism from CdS quantum dots to Rhodamine 101 in reverse micelle medium. <i>Synthetic Metals</i> , 2018, 245, 260-266.	3.9	5
14	Photophysical features of coumarin 120 in reverse micelles. <i>Journal of Molecular Structure</i> , 2018, 1173, 490-497.	3.6	14
15	Spectral-luminescent study of coumarin 35 as fluorescent "light-up" probe for BSA and DNA monitoring. <i>Dyes and Pigments</i> , 2017, 142, 62-68.	3.7	17
16	Biophysical influence of coumarin 35 on bovine serum albumin: Spectroscopic study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 171, 90-96.	3.9	22
17	An unusual "off-on" fluorescence sensor for iron(III) detection based on fluorescein "reduced graphene oxide functionalized with polyethyleneimine. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 343-351.	7.8	68
18	Optical and morphological characterizations of pyronin dye-poly (vinyl alcohol) thin films formed on glass substrates. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0

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19	The thin films of pyronin dyes doped with poly(vinyl sulphate) on glass substrate: Preparation and characterization. <i>Journal of Molecular Structure</i> , 2016, 1105, 350-356.	3.6	6
20	Polyelectrolyte-induced H-aggregation of Merocyanine 540 and its application in metal ions detection as a colorimetric sensor. <i>Sensors and Actuators B: Chemical</i> , 2016, 226, 52-61.	7.8	16
21	The interaction of fluorescent Pyronin Y molecules with monodisperse silver nanoparticles in chloroform. <i>Journal of Molecular Structure</i> , 2016, 1103, 212-216.	3.6	19
22	Polyelectrolytes-assisted layer-by-layer assemblies of graphene oxide and dye on glass substrate. <i>RSC Advances</i> , 2015, 5, 18051-18056.	3.6	10
23	Preparation and characterization of "green" hybrid clay-dye nanopigments. <i>Journal of Physics and Chemistry of Solids</i> , 2015, 78, 95-100.	4.0	11
24	A novel system for Fe ³⁺ ion detection based on fluorescence resonance energy transfer. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 136-147.	7.8	68
25	Liquid nitrogen-assisted synthesis of fluorescent carbon dots from Blueberry and their performance in Fe ³⁺ detection. <i>Applied Surface Science</i> , 2015, 356, 747-752.	6.1	120
26	Photophysical and adsorption properties of pyronin B in natural bentonite clay dispersion. <i>Applied Surface Science</i> , 2015, 359, 897-904.	6.1	10
27	Molecular aggregates of Merocyanine 540 in aqueous suspensions containing natural and CTAB-modified bentonite. <i>Journal of Molecular Structure</i> , 2015, 1083, 101-105.	3.6	15
28	The fluorescence quenching mechanism of coumarin 120 with CdS nanoparticles in aqueous suspension. <i>Journal of Luminescence</i> , 2015, 157, 10-15.	3.1	25
29	Photophysical properties of pyronin dyes in reverse micelles of AOT. <i>Journal of Luminescence</i> , 2014, 145, 925-929.	3.1	32
30	Pyronin Y (basic xanthene dye)-bentonite composite: A spectroscopic study. <i>Journal of Molecular Structure</i> , 2014, 1059, 271-279.	3.6	6
31	Rhodamine 101-graphene oxide composites in aqueous solution: the fluorescence quenching process of rhodamine 101. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 18276.	2.8	51
32	Graphene oxide sheets as a template for dye assembly: graphene oxide sheets induce H-aggregates of pyronin (Y) dye. <i>RSC Advances</i> , 2013, 3, 11832.	3.6	64
33	Stimulated electroluminescence emission from n-ZnO/p-GaAs:Zn heterojunctions fabricated by electro-deposition. <i>AIP Advances</i> , 2013, 3, .	1.3	16
34	Determination of human growth hormone in pure and pharmaceutical dosage form by spectrofluorometry and high performance liquid chromatography. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2012, 18, 399-405.	0.7	4
35	Photoinduced interactions between coumarin 151 and colloidal CdS nanoparticles in aqueous suspension. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 236, 41-47.	3.9	13
36	Determination and Pharmacokinetics of Recombinant Human Growth Hormone in Rabbit Plasma by Spectrofluorometry Method. <i>Kafkas Universitesi Veteriner Fakultesi Dergisi</i> , 2012, , .	0.1	0

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37	A spectroscopic study of water-soluble pyronin B and pyronin Y in Langmuir-Blodgett films mixed with stearic acid. <i>Applied Surface Science</i> , 2011, 258, 1605-1612.	6.1	31
38	Electrical characteristics of Au/Pyronine-B/moderately doped n-type InP Schottky structures in a wide temperature range. <i>Journal of Alloys and Compounds</i> , 2011, 509, 5105-5111.	5.5	12
39	Hydrogel templated CdS quantum dots synthesis and their characterization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 389, 6-11.	4.7	29
40	The molecular aggregation of pyronin Y in natural bentonite clay suspension. <i>Journal of Luminescence</i> , 2011, 131, 2121-2127.	3.1	32
41	Fluorescence quenching of fluorescein by Merocyanine 540 in liposomes. <i>Journal of Luminescence</i> , 2011, 131, 2286-2289.	3.1	25
42	The effects of annealing on Au/pyronine-B/MD n-InP Schottky structure. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 1398-1403.	4.0	21
43	Anodization of aluminium thin films on p++Si and annihilation of strong luminescence from Al ₂ O ₃ . <i>Journal of Luminescence</i> , 2010, 130, 157-162.	3.1	6
44	Oxygen deficiency effects on recombination lifetime and photoluminescence characteristics of ZnO thin films; correlation with crystal structure. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 94, 549-554.	2.3	35
45	Series resistance determination of Au/Polypyrrole/p-Si/Al structure by current-voltage measurements at low temperatures. <i>Materials Science and Engineering C</i> , 2009, 29, 1486-1490.	7.3	57
46	Effect of surfactants on the aggregation of pyronin B and pyronin Y in aqueous solution. <i>Journal of Luminescence</i> , 2009, 129, 599-604.	3.1	25
47	The fluorescence resonance energy transfer between dye compounds in micellar media. <i>Dyes and Pigments</i> , 2009, 81, 156-160.	3.7	48
48	Analysis of fluorescence quenching of pyronin B and pyronin Y by molecular oxygen in aqueous solution. <i>Journal of Luminescence</i> , 2007, 126, 103-108.	3.1	28
49	Fluorescence quenching of fluorescein with molecular oxygen in solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 170, 105-111.	3.9	89
50	The effects of the temperature on current-voltage characteristics of Sn/polypyrrole/n-Si structures. <i>Synthetic Metals</i> , 2005, 150, 15-20.	3.9	28
51	Rectifying pyronine-B/p-type silicon junctions formed by sublimation of pyronine-B. <i>Journal of Materials Science: Materials in Electronics</i> , 2004, 15, 47-53.	2.2	14
52	Low- and high-frequency C-V characteristics of the contacts formed by sublimation of the nonpolymeric organic compound on p-type Si substrate. <i>Physica Status Solidi A</i> , 2004, 201, 3077-3086.	1.7	19
53	Molecular excitons of Pyronin B and Pyronin Y in colloidal silica suspension. <i>Chemical Physics Letters</i> , 2003, 375, 126-133.	2.6	48
54	The nonpolymeric organic compound (pyronine-B)/p-type silicon/Sn contact barrier devices. <i>Synthetic Metals</i> , 2002, 126, 213-218.	3.9	101

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55	The Conductance- and Capacitance-Frequency Characteristics of the Rectifying Junctions Formed by Sublimation of Organic Pyronine-B on p-Type Silicon. <i>Journal of Solid State Chemistry</i> , 2002, 168, 169-174.	2.9	17
56	Solvent effect on nonradiative process of pyronin B in protic and aprotic solvent systems. <i>Journal of Luminescence</i> , 2002, 97, 153-160.	3.1	23
57	Solvent effect on the ground and excited state dipole moments of fluorescein. <i>Computational and Theoretical Chemistry</i> , 2001, 548, 165-171.	1.5	68
58	Adsorption of Methylene Blue from Aqueous Solution onto Perlite. <i>Water, Air, and Soil Pollution</i> , 2000, 120, 229-248.	2.4	285
59	Adsorption Dynamics of Fe(III) from Aqueous Solutions onto Activated Carbon. <i>Journal of Colloid and Interface Science</i> , 1998, 205, 241-244.	9.4	65
60	Dissolution Kinetics of Ulexite in Ammonium Chloride Solution. <i>Canadian Metallurgical Quarterly</i> , 1998, 37, 91-97.	1.2	12
61	Characteristics of metallic polymer and Au Schottky contacts on cleaved surfaces of InSe(:Er). <i>Solid-State Electronics</i> , 1997, 41, 924-926.	1.4	9
62	Purification and Characterization of Dog-rose (<i>RosadumalisRechst.</i>) Polyphenol Oxidase. <i>Journal of Agricultural and Food Chemistry</i> , 1996, 44, 2982-2986.	5.2	48
63	High barrier metallic polymer/p-type silicon Schottky diodes. <i>Solid-State Electronics</i> , 1996, 39, 677-680.	1.4	61
64	Universality in Isomerization Reactions in Polar Solvents. <i>The Journal of Physical Chemistry</i> , 1996, 100, 11907-11913.	2.9	9
65	Dynamics of merocyanine 540 in model biomembranes: photoisomerization studies in small unilamellar vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1994, 1192, 27-34.	2.6	13
66	Dynamical solvation effects on the cis-trans isomerization reaction: photoisomerization of merocyanine 540 in polar solvents. <i>The Journal of Physical Chemistry</i> , 1993, 97, 2344-2354.	2.9	60
67	Effect of solvent on nonradiative processes in xanthene dyes: pyronin B in alcohols and alcohol-water mixtures. <i>The Journal of Physical Chemistry</i> , 1992, 96, 7996-8001.	2.9	36
68	Effect of solvent polarity on non-radiative processes in xanthene dyes: the acid form of rhodamine B in nitrile solvents. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1992, 64, 307-314.	3.9	24
69	A kinetic study of Meyers' desulphurization of asphaltite. <i>Fuel</i> , 1989, 68, 1043-1047.	6.4	9