

# Yavuz Onganer

## List of Publications by Year in descending order

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69  
papers

2,130  
citations

236925

25  
h-index

243625

44  
g-index

69  
all docs

69  
docs citations

69  
times ranked

2293  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of Methylene Blue from Aqueous Solution onto Perlite. <i>Water, Air, and Soil Pollution</i> , 2000, 120, 229-248.	2.4	285
2	Liquid nitrogen-assisted synthesis of fluorescent carbon dots from Blueberry and their performance in Fe <sup>3+</sup> detection. <i>Applied Surface Science</i> , 2015, 356, 747-752.	6.1	120
3	The nonpolymeric organic compound (pyronine-B)/p-type silicon/Sn contact barrier devices. <i>Synthetic Metals</i> , 2002, 126, 213-218.	3.9	101
4	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
5	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
6	A novel system for Fe <sup>3+</sup> ion detection based on fluorescence resonance energy transfer. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 136-147.	7.8	68
7	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
8	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
9	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
10	High barrier metallic polymer/p-type silicon Schottky diodes. <i>Solid-State Electronics</i> , 1996, 39, 677-680.	1.4	61
11	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
12	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
13	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
14	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
15	Molecular excitons of Pyronin B and Pyronin Y in colloidal silica suspension. <i>Chemical Physics Letters</i> , 2003, 375, 126-133.	2.6	48
16	The fluorescence resonance energy transfer between dye compounds in micellar media. <i>Dyes and Pigments</i> , 2009, 81, 156-160.	3.7	48
17	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
18	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

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19	The molecular aggregation of pyronin Y in natural bentonite clay suspension. <i>Journal of Luminescence</i> , 2011, 131, 2121-2127.	3.1	32
20	Photophysical properties of pyronin dyes in reverse micelles of AOT. <i>Journal of Luminescence</i> , 2014, 145, 925-929.	3.1	32
21	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
22	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
23	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
24	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
25	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
26	Fluorescence quenching of fluorescein by Merocyanine 540 in liposomes. <i>Journal of Luminescence</i> , 2011, 131, 2286-2289.	3.1	25
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	Stimulated electroluminescence emission from n-ZnO/p-GaAs:Zn heterojunctions fabricated by electro-deposition. <i>AIP Advances</i> , 2013, 3, .	1.3	16
40	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
41	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
42	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
43	Photophysical features of coumarin 120 in reverse micelles. <i>Journal of Molecular Structure</i> , 2018, 1173, 490-497.	3.6	14
44	Synthesis and photophysical properties of new pyrazolines with triphenyl and ester derivatives. <i>Journal of Molecular Structure</i> , 2020, 1214, 128213.	3.6	14
45	Effects of some phenolic compounds on the inhibition of Î±-glycosidase 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
46	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
47	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
48	Dissolution Kinetics of Ulexite in Ammonium Chloride Solution. <i>Canadian Metallurgical Quarterly</i> , 1998, 37, 91-97.	1.2	12
49	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
50	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
51	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
52	Photophysical and adsorption properties of pyronin B in natural bentonite clay dispersion. <i>Applied Surface Science</i> , 2015, 359, 897-904.	6.1	10
53	A kinetic study of Meyers' desulphurization of asphaltite. <i>Fuel</i> , 1989, 68, 1043-1047.	6.4	9
54	Universality in Isomerization Reactions in Polar Solvents. <i>The Journal of Physical Chemistry</i> , 1996, 100, 11907-11913.	2.9	9

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55	Characteristics of metallic polymer and Au Schottky contacts on cleaved surfaces of InSe(:Er). Solid-State Electronics, 1997, 41, 924-926.	1.4	9
56	Photophysical and photodynamic properties of Pyronin Y in micellar media at different temperatures. Luminescence, 2019, 34, 415-425.	2.9	9
57	Safranin T- SDS- GO ternary system: A fluorescent pH sensor. Colloids and Surfaces B: Biointerfaces, 2021, 206, 111977.	5.0	8
58	Photophysics and photodynamics of Pyronin Y in n-alkanols. Luminescence, 2018, 33, 1394-1400.	2.9	7
59	Optical and morphological characterization of novel Coumarin 151 doped polyvinylpyrrolidone thin film. Journal of Luminescence, 2019, 205, 318-323.	3.1	7
60	Anodization of aluminium thin films on p++Si and annihilation of strong luminescence from Al <sub>2</sub> O <sub>3</sub> . Journal of Luminescence, 2010, 130, 157-162.	3.1	6
61	Pyronin Y (basic xanthene dye)-bentonite composite: A spectroscopic study. Journal of Molecular Structure, 2014, 1059, 271-279.	3.6	6
62	The thin films of pyronin dyes doped with poly(vinyl sulphate) on glass substrate: Preparation and characterization. Journal of Molecular Structure, 2016, 1105, 350-356.	3.6	6
63	A new FRET-based functional chemosensor for fluorometric detection of Fe <sup>3+</sup> and its validation through in silico studies. Journal of Molecular Structure, 2022, 1256, 132448.	3.6	6
64	Study of energy transfer mechanism from CdS quantum dots to Rhodamine 101 in reverse micelle medium. Synthetic Metals, 2018, 245, 260-266.	3.9	5
65	Determination of human growth hormone in pure and pharmaceutical dosage form by spectrofluorometry and high performance liquid chromatography. Chemical Industry and Chemical Engineering Quarterly, 2012, 18, 399-405.	0.7	4
66	Molecular aggregates of pyronin dyes with polyelectrolyte polystyrene sulfonate (PSS) in aqueous solution. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 391, 112309.	3.9	3
67	Photophysical properties and rotational dynamics of coumarin 30 dye in reverse micelle systems. Journal of Luminescence, 2022, 248, 118947.	3.1	3
68	Optical and morphological characterizations of pyronin dye-poly (vinyl alcohol) thin films formed on glass substrates. AIP Conference Proceedings, 2016, , .	0.4	0
69	Determination and Pharmacokinetics of Recombinant Human Growth Hormone in Rabbit Plasma by Spectrofluorometry Method. Kafkas Universitesi Veteriner Fakultesi Dergisi, 2012, , .	0.1	0