

Digambara Patra

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2176624/publications.pdf>

Version: 2024-02-01

116
papers

4,004
citations

109321

35
h-index

138484

58
g-index

117
all docs

117
docs citations

117
times ranked

4700
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in multi-component synchronous fluorescence scan analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2002, 21, 787-798.	11.4	271
2	Performance of Fluorescence Correlation Spectroscopy for Measuring Diffusion and Concentration. <i>ChemPhysChem</i> , 2005, 6, 2324-2336.	2.1	204
3	Art and Artefacts of Fluorescence Correlation Spectroscopy. <i>Current Pharmaceutical Biotechnology</i> , 2004, 5, 155-161.	1.6	177
4	Image Analysis of Defocused Single-Molecule Images for Three-Dimensional Molecule Orientation Studies. <i>Journal of Physical Chemistry A</i> , 2004, 108, 6836-6841.	2.5	173
5	Synchronous fluorescence spectroscopic study of solvatochromic curcumin dye. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1034-1041.	3.9	161
6	Encapsulation of curcumin in cyclodextrin-metal organic frameworks: Dissociation of loaded CD-MOFs enhances stability of curcumin. <i>Food Chemistry</i> , 2016, 212, 485-494.	8.2	157
7	Modification of nanostructured ZnO surfaces with curcumin: fluorescence-based sensing for arsenic and improving arsenic removal by ZnO. <i>RSC Advances</i> , 2016, 6, 17256-17268.	3.6	114
8	Optical Saturation in Fluorescence Correlation Spectroscopy under Continuous-Wave and Pulsed Excitation. <i>ChemPhysChem</i> , 2005, 6, 164-170.	2.1	103
9	Total synchronous fluorescence scan spectra of petroleum products. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 373, 304-309.	3.7	98
10	Green synthesis of curcumin conjugated nanosilver for the applications in nucleic acid sensing and anti-bacterial activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 127, 274-280.	5.0	95
11	Curcumin-graphene quantum dots for dual mode sensing platform: Electrochemical and fluorescence detection of APOe4, responsible of Alzheimer's disease. <i>Analytica Chimica Acta</i> , 2018, 1036, 141-146.	5.4	88
12	Bis(carbazolyl) derivatives of pyrene and tetrahydropyrene: synthesis, structures, optical properties, electrochemistry, and electroluminescence. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1638.	5.5	77
13	Study on effect of lipophilic curcumin on sub-domain IIA site of human serum albumin during unfolded and refolded states: A synchronous fluorescence spectroscopic study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 94, 354-361.	5.0	69
14	Effect of sample geometry on synchronous fluorimetric analysis of petrol, diesel, kerosene and their mixtures at higher concentration. <i>Analyst, The</i> , 2000, 125, 1383-1386.	3.5	64
15	Fluorescence Lifetimes and Emission Patterns Probe the 3D Orientation of the Emitting Chromophore in a Multichromophoric System. <i>Journal of the American Chemical Society</i> , 2004, 126, 14310-14311.	13.7	59
16	Concentration dependent red shift: qualitative and quantitative investigation of motor oils by synchronous fluorescence scan. <i>Talanta</i> , 2001, 53, 783-790.	5.5	58
17	Unique role of ionic liquid [bmin][BF4] during curcumin's surfactant association and micellization of cationic, anionic and non-ionic surfactant solutions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1823-1828.	3.9	58
18	Defocused imaging of quantum-dot angular distribution of radiation. <i>Applied Physics Letters</i> , 2005, 87, 101103.	3.3	57

#	ARTICLE	IF	CITATIONS
19	Nanoparticle Self-Assembled Grain Like Curcumin Conjugated ZnO: Curcumin Conjugation Enhances Removal of Perylene, Fluoranthene and Chrysene by ZnO. <i>Scientific Reports</i> , 2016, 6, 24565.	3.3	55
20	A short review on chemical properties, stability and nano-technological advances for curcumin delivery. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 61-75.	5.0	54
21	A new method for pH triggered curcumin release by applying poly(L-lysine) mediated nanoparticle-congregation. <i>Analytica Chimica Acta</i> , 2013, 795, 60-68.	5.4	51
22	Effect of Curcumin on Liposome: Curcumin as a Molecular Probe for Monitoring Interaction of Ionic Liquids with 1,2-Dipalmitoyl-sn-Glycero-3-Phosphocholine Liposome. <i>Photochemistry and Photobiology</i> , 2012, 88, 317-327.	2.5	50
23	Combining time-resolved fluorescence with synchronous fluorescence spectroscopy to study bovine serum albumin-curcumin complex during unfolding and refolding processes. <i>Luminescence</i> , 2013, 28, 149-155.	2.9	44
24	Preparation of curcumin-poly (allyl amine) hydrochloride based nanocapsules: Piperine in nanocapsules accelerates encapsulation and release of curcumin and effectiveness against colon cancer cells. <i>Materials Science and Engineering C</i> , 2020, 109, 110550.	7.3	44
25	Ionic Liquid Expedites Partition of Curcumin into Solid Gel Phase but Discourages Partition into Liquid Crystalline Phase of 1,2-Dimyristoyl-sn-glycero-3-phosphocholine Liposomes. <i>Journal of Physical Chemistry B</i> , 2013, 117, 9699-9708.	2.6	43
26	Applications and New Developments in Fluorescence Spectroscopic Techniques for the Analysis of Polycyclic Aromatic Hydrocarbons. <i>Applied Spectroscopy Reviews</i> , 2003, 38, 155-185.	6.7	42
27	Curcumin associated poly(allylamine hydrochloride)-phosphate self-assembled hierarchically ordered nanocapsules: size dependent investigation on release and DPPH scavenging activity of curcumin. <i>RSC Advances</i> , 2015, 5, 18740-18750.	3.6	42
28	Study on interaction of bile salts with curcumin and curcumin embedded in dipalmitoyl-sn-glycero-3-phosphocholine liposome. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 110, 296-304.	5.0	41
29	Nanoparticle assembled microcapsules for application as pH and ammonia sensor. <i>Analytica Chimica Acta</i> , 2011, 708, 75-83.	5.4	40
30	Curcumin encapsulated colloidal amphiphilic block co-polymeric nanocapsules: colloidal nanocapsules enhance photodynamic and anticancer activities of curcumin. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 1088-1098.	2.9	40
31	The effects of modified zinc oxide nanoparticles on the mechanical/thermal properties of epoxy resin. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49330.	2.6	39
32	Tetraaryl pyrenes: photophysical properties, computational studies, crystal structures, and application in OLEDs. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3041-3058.	5.5	37
33	Fluorescence of tautomeric forms of curcumin in different pH and biosurfactant rhamnolipids systems: Application towards on-off ratiometric fluorescence temperature sensing. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 307-317.	3.8	37
34	Gold and silver nanoparticles in resonance Rayleigh scattering techniques for chemical sensing and biosensing: a review. <i>Mikrochimica Acta</i> , 2019, 186, 667.	5.0	37
35	Application of synchronous fluorescence scan spectroscopy for size dependent simultaneous analysis of CdTe nanocrystals and their mixtures. <i>Talanta</i> , 2009, 77, 1549-1554.	5.5	36
36	Synthesis of Au Nanorods through Prereduction with Curcumin: Preferential Enhancement of Au Nanorod Formation Prepared from CTAB-Capped over Citrate-Capped Au Seeds. <i>Journal of Physical Chemistry C</i> , 2015, 119, 19458-19468.	3.1	36

#	ARTICLE	IF	CITATIONS
37	Interaction of curcumin with 1,2-dioctadecanoyl-sn-glycero-3-phosphocholine liposomes: Intercalation of rhamnolipids enhances membrane fluidity, permeability and stability of drug molecule. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 149, 30-37.	5.0	35
38	Tuning the surface of Au nanoparticles using poly(ethylene glycol)- <i>block</i> -poly(propylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 71 using resonance Rayleigh scattering spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 9616-9629.	2.8	35
39	Kinetics and mechanism of ionic intercalation/de-intercalation during the formation of β -cobalt hydroxide and its polymorphic transition to γ -cobalt hydroxide: reaction-diffusion framework. <i>Journal of Materials Chemistry</i> , 2012, 22, 16361.	6.7	34
40	Efficient removal of Congo red using curcumin conjugated zinc oxide nanoparticles as new adsorbent complex. <i>Chemosphere</i> , 2021, 276, 130158.	8.2	34
41	Fluorometric sensing of DNA using curcumin encapsulated in nanoparticle-assembled microcapsules prepared from poly(diallylammonium chloride-co-sulfur dioxide). <i>Mikrochimica Acta</i> , 2013, 180, 59-64.	5.0	33
42	Molecularly imprinted phenyl-functionalized silica aerogels: Selective adsorbents for methylxanthines and PAHs. <i>Microporous and Mesoporous Materials</i> , 2020, 292, 109759.	4.4	33
43	Statistical Analysis of Diffusion Coefficient Determination by Fluorescence Correlation Spectroscopy. <i>Journal of Fluorescence</i> , 2005, 15, 415-422.	2.5	32
44	Length of hydrocarbon chain influences location of curcumin in liposomes: Curcumin as a molecular probe to study ethanol induced interdigitation of liposomes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 158, 49-54.	3.8	32
45	Synthesis and Detailed Photophysical Studies of Pyrene-Based Molecules Substituted with Extended Chains. <i>Journal of Physical Chemistry A</i> , 2009, 113, 1235-1243.	2.5	30
46	The role of OH [•] in the formation of highly selective gold nanowires at extreme pH: multi-fold enhancement in the rate of the catalytic reduction reaction by gold nanowires. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 5077-5090.	2.8	28
47	Effect of Chain Length on the Photophysical Properties of Pyrene-Based Molecules Substituted with Extended Chains. <i>Journal of Physical Chemistry A</i> , 2009, 113, 1244-1249.	2.5	26
48	Poly (9-(2-diallylaminoethyl)adenine HCl-co-sulfur dioxide) deposited on silica nanoparticles constructs hierarchically ordered nanocapsules: Curcumin conjugated nanocapsules as a novel strategy to amplify guanine selectivity among nucleobases. <i>Biosensors and Bioelectronics</i> , 2015, 68, 181-188.	10.1	26
49	Two Modes of Associations of Curcumin with Pre- and Nanoaggregated Chitosan Oligosaccharide Lactate: Ionic Strength and Hydrophobic Bile Salt Modulate Partition of Drug and Self-Assembly Process. <i>Journal of Physical Chemistry C</i> , 2016, 120, 11210-11224.	3.1	26
50	Curcumin as a novel reducing and stabilizing agent for the green synthesis of metallic nanoparticles. <i>Green Chemistry Letters and Reviews</i> , 2021, 14, 474-487.	4.7	26
51	Time-resolved fluorescence study during denaturation and renaturation of curcumin-myoglobin complex. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 885-890.	7.5	25
52	Photophysical properties of neutral and dissociated forms of rosmarinic acid. <i>Journal of Luminescence</i> , 2016, 175, 50-56.	3.1	24
53	Lanthanides based metal organic frameworks for luminescence sensing of toxic metal ions. <i>Journal of Solid State Chemistry</i> , 2020, 281, 121031.	2.9	24
54	Traditional Uses, Therapeutic Effects and Recent Advances of Curcumin: A Mini-Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 1072-1082.	2.4	23

#	ARTICLE	IF	CITATIONS
55	Amplification of resonance Rayleigh scattering of gold nanoparticles by tweaking into nanowires: Bio-sensing of Î±-tocopherol by enhanced resonance Rayleigh scattering of curcumin capped gold nanowires through non-covalent interaction. <i>Talanta</i> , 2017, 168, 82-90.	5.5	22
56	Solid-State Green Synthesis of Ag NPs: Higher Temperature Harvests Larger Ag NPs but Smaller Size Has Better Catalytic Reduction Reaction. <i>Scientific Reports</i> , 2019, 9, 15212.	3.3	22
57	Multivariate Fluorimetric Determination of Mixture of Pyrene, Perylene and Triphenylene in Water Sample. <i>Analytical Letters</i> , 2000, 33, 2293-2304.	1.8	21
58	Polyelectrolyte mediated nano hybrid particle as a nano-sensor with outstandingly amplified specificity and sensitivity for enzyme free estimation of cholesterol. <i>Talanta</i> , 2017, 169, 104-114.	5.5	21
59	Curcumin degradation kinetics in micellar solutions: Enhanced stability in the presence of cationic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 592, 124602.	4.7	21
60	Simple luminescence method for estimation of benzo[a]pyrene in a complex mixture of polycyclic aromatic hydrocarbons without a pre-separation procedure. <i>Luminescence</i> , 2003, 18, 97-102.	2.9	20
61	Poly(L-Lysine)â€“pyranine-3 coacervate mediated nanoparticle-assembly: fabrication of dynamic pH-responsive containers. <i>Chemical Communications</i> , 2012, 48, 856-858.	4.1	20
62	Preparation of curcumin loaded mesoporous silica nanoparticles: Determining polarizability inside the mesopores. <i>Materials Research Bulletin</i> , 2016, 84, 267-272.	5.2	20
63	Effect of pH on the removal of anionic and cationic dyes using zinc curcumin oxide nanoparticles as adsorbent. <i>Materials Chemistry and Physics</i> , 2022, 277, 125504.	4.0	18
64	Nanosensing of ATP by fluorescence recovery after surface energy transfer between rhodamine B and curcubit[7]uril-capped gold nanoparticles. <i>Mikrochimica Acta</i> , 2018, 185, 349.	5.0	17
65	Green solid-state based curcumin mediated rhamnolipids stabilized silver nanoparticles: Interaction of silver nanoparticles with cystine and albumins towards fluorescence sensing. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 647-653.	5.0	17
66	Green Synthesis of Curcumin Conjugated CuO Nanoparticles for Catalytic Reduction of Methylene Blue. <i>ChemistrySelect</i> , 2020, 5, 1694-1704.	1.5	17
67	Preparation and photophysics of HPTS-based nanoparticle-assembled microcapsules. <i>Journal of Materials Chemistry</i> , 2009, 19, 4017.	6.7	16
68	Influence of Substituent and Solvent on the Radiative Process of Singlet Excited States of Novel Cyclic Azacyanine Derivatives. <i>Journal of Fluorescence</i> , 2012, 22, 707-717.	2.5	16
69	Bis(tercarbazole) pyrene and tetrahydropyrene derivatives: photophysical and electrochemical properties, theoretical modeling, and OLEDs. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5009-5018.	5.5	16
70	Thermal and mechanical properties of epoxy resin reinforced with modified iron oxide nanoparticles. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50533.	2.6	16
71	The mechanical and thermal properties of graphitic carbon nitride (C ₃ N ₄)â€“based epoxy composites. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51324.	2.6	16
72	Liposome-based nanocapsules for the controlled release of dietary curcumin: PDDA and silica nanoparticle-coated DMPC liposomes enhance the fluorescence efficiency and anticancer activity of curcumin. <i>RSC Advances</i> , 2022, 12, 11282-11292.	3.6	16

#	ARTICLE	IF	CITATIONS
73	Revoking excited state intra-molecular hydrogen transfer by size dependent tailor-made hierarchically ordered nanocapsules. RSC Advances, 2014, 4, 8317.	3.6	15
74	Gold nanoparticles functionalized with Pluronic are viable optical probes for the determination of uric acid. Mikrochimica Acta, 2018, 185, 185.	5.0	15
75	Curcumin mediated PEG thiol acid conjugated gold nanoparticles for the determination of melamine. Microchemical Journal, 2020, 153, 104382.	4.5	15
76	Synchronous fluorescence based biosensor for albumin determination by cooperative binding of fluorescence probe in a supra-biomolecular host-guest protein assembly. Biosensors and Bioelectronics, 2010, 25, 1149-1154.	10.1	14
77	Glutathione-capped CuO nanoparticles for the determination of cystine using resonance Rayleigh scattering spectroscopy. Mikrochimica Acta, 2020, 187, 364.	5.0	14
78	Chitosan oligosaccharide/silica nanoparticles hybrid porous gel for mercury adsorption and detection. Materials Today Communications, 2021, 28, 102707.	1.9	13
79	Fluorescence modulation of 1,7-bis(4-hydroxy-3-methoxyphenyl)-1,6-heptadiene-3,5-dione by silver nanoparticles and its possible analytical application. Luminescence, 2012, 27, 11-15.	2.9	12
80	Doping of ZnO Nanoparticles with Curcumin: pH Dependent Release and DPPH Scavenging Activity of Curcumin in the Nanocomposites. Current Nanomaterials, 2019, 3, 147-152.	0.4	12
81	Capping of supramolecular curcubit[7]uril facilitates formation of Au nanorods during pre-reduction by curcumin. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 553, 97-104.	4.7	11
82	Dibenzonaphthyridinones: Heterocycle-to-Heterocycle Synthetic Strategies and Photophysical Studies. Organic Letters, 2015, 17, 5732-5735.	4.6	10
83	Interaction of curcumin with diarachidonyl phosphatidyl choline (DAPC) liposomes: Chitosan protects DAPC liposomes without changing phase transition temperature but impacting membrane permeability. Colloids and Surfaces B: Biointerfaces, 2021, 199, 111546.	5.0	10
84	Distinguishing motor oils at higher concentration range by evaluating total fluorescence quantum yield as a novel sensing tool. Sensors and Actuators B: Chemical, 2008, 129, 632-638.	7.8	9
85	Fluorescence Sensing of Nucleic Acid by Curcumin Encapsulated Poly(Ethylene) Terephthalate (PET) Nanofibers. Fluorescence, 2020, 30, 547-556.	2.5	9
86	Chitosan coated zinc curcumin oxide nanoparticles for the determination of ascorbic acid. Journal of Molecular Liquids, 2021, 328, 115504.	4.9	9
87	Determination of Quenching Inhibition Factor and Selective Fluorescence Quenching Study of Perylene, Pyrene and Fluoranthene in Micelle by Cetyl Pyridinium Chloride as a Hydrophobic Quencher Molecule. Polycyclic Aromatic Compounds, 2001, 18, 367-380.	2.6	8
88	Time resolved study of three ruthenium(II) complexes at micellar surfaces: A new long excited state lifetime probe for determining critical micelle concentration of surfactant nano-aggregates. Colloids and Surfaces B: Biointerfaces, 2016, 138, 32-40.	5.0	8
89	F108 stabilized CuO nanoparticles for highly selective and sensitive determination of mercury using resonance Rayleigh scattering spectroscopy. Analytical Methods, 2020, 12, 1631-1638.	2.7	8
90	Interaction of carbon nanotubes with curcumin: Effect of temperature and pH on simultaneous static and dynamic fluorescence quenching of curcumin using carbon nanotubes. Luminescence, 2020, 35, 659-666.	2.9	8

#	ARTICLE	IF	CITATIONS
91	Preparation of Curcubit[6]uril functionalized CuO Nanoparticles: A New Nanosensing Scheme Based on Fluorescence recovery after FRET for the Label Free Determination of Dopamine. ChemistrySelect, 2020, 5, 4642-4649.	1.5	8
92	Application and New Developments in Fluorescence Spectroscopic Techniques in Studying Individual Molecules. Applied Spectroscopy Reviews, 2008, 43, 389-415.	6.7	7
93	Modifying emission of ZnO nanoparticles in ZnO interceded polymer based hierarchical ordered nanocapsules. Materials Letters, 2015, 143, 135-139.	2.6	7
94	Excitation Dependent Fluorescence Quantum Yield in Hydrocarbon Fuels Containing Polycyclic Aromatic Compounds. Polycyclic Aromatic Compounds, 2001, 18, 381-396.	2.6	6
95	Salt and bile salt accelerate self-assembly behavior of poly(ethylene oxide)-block-poly(propylene) Tj ETQq1 1 0.784314 rgBT /Overlock Physicochemical and Engineering Aspects, 2019, 583, 123955.	4.7	6
96	Modulation of membrane properties by silver nanoparticles probed by curcumin embedded in 1,2-Dimyristoyl-sn-glycero-3-phosphocholine liposomes. Colloids and Surfaces B: Biointerfaces, 2019, 173, 94-100.	5.0	6
97	Selective resonance Rayleigh scattering spectroscopic determination of persulfate using cetyl trimethylammonium bromide capped cuo nanograins. Microchemical Journal, 2020, 155, 104701.	4.5	6
98	Curcumin-Polyallylhydrocarbon Nanocapsules Potently Suppress 1,2-Dimethylhydrazine-Induced Colorectal Cancer in Mice by Inhibiting Wnt/ β -Catenin Pathway. BioNanoScience, 2021, 11, 518-525.	3.5	6
99	Art and artifacts of fluorescence correlation spectroscopy. , 2005, , .		5
100	Acridine orange and silica nanoparticles facilitated novel robust fluorescent hollow microcapsules toward DNA bio-sensor. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 443, 320-325.	4.7	5
101	Outstanding Enhancement of Curcumin Fluorescence in PDDA and Silica Nanoparticles Coated DMPC Liposomes Based Nanocapsules: Application for Selective Estimation of ATP**. ChemistrySelect, 2021, 6, 6324-6332.	1.5	5
102	Binding of metal ions to the curcumin mediated methoxy polyethylene glycol thiol conjugated greenly synthesized gold nanoparticles: A fluorescence spectroscopic study. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 407, 113083.	3.9	4
103	A Novel Study on the Self-Assembly Behavior of Poly(lactic-<i>co</i>-glycolic acid) Polymer Probed by Curcumin Fluorescence. ACS Omega, 2022, 7, 9551-9558.	3.5	4
104	Challenges and progress in the analysis of polycyclic aromatic compounds. Analytical and Bioanalytical Chemistry, 2004, 379, 355-357.	3.7	3
105	Cesium Lead Bromide Perovskites: Synthesis, Stability, and Photoluminescence Quantum Yield Enhancement by Hexadecyltrimethylammonium Bromide Doping. ACS Omega, 2022, 7, 20872-20880.	3.5	3
106	Cyclic Azacyanines: Experimental and Computational Studies on Spectroscopic Properties and Unique Reactivity. Journal of Fluorescence, 2014, 24, 1285-1296.	2.5	2
107	Curcumin conjugated gold nanoparticles for nucleic acid sensing. , 2015, , .		2
108	Random initialisation of the excitation-emission matrix fluorescence spectral variables in constraint fashion for subsequent multivariate curve resolution alternating least square analysis on a peculiarly designed calibration set: Simultaneous sensing of nine polycyclic aromatic hydrocarbons in water samples. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 204, 354-361.	3.9	2

#	ARTICLE	IF	CITATIONS
109	Spectroscopic Evaluation of Novel Adenine/Thymine-Conjugated Naphthalenediimides: Preference of Adenine-Adenine over Thymine-Thymine Intermolecular Hydrogen Bonding in Adenine- and Thymine-Functionalized Naphthalenediimides. <i>Journal of Fluorescence</i> , 2019, 29, 307-318.	2.5	2
110	Introducing Principal Coordinate Analysis (PCoA) Assisted EEMF Spectroscopic Based Novel Analytical Approach for the Discrimination of Commercial Gasoline Fuels. <i>Journal of Fluorescence</i> , 2020, 30, 1583-1589.	2.5	2
111	Curcumin-embedded DBPC liposomes coated with chitosan layer as a fluorescence nanosensor for the selective detection of ribonucleic acid. <i>Luminescence</i> , 2022, , .	2.9	2
112	Photoluminescence studies of curcumin doped ZnO nanoparticles. , 2015, , .		1
113	Curcumin-loaded metal oxide aerogels: supercritical drying and stability. <i>RSC Advances</i> , 2021, 11, 34479-34486.	3.6	1
114	Curcumin-based nanoformulations to target breast cancer: current trends and challenges. <i>Current Nanomaterials</i> , 2021, 06, .	0.4	0
115	Curcumin Modulates 1,2-dibehenoyl-sn-glycero-3-phosphocholine (DBPC) Liposomes: Chitosan Oligosaccharide Lactate Influences Membrane Fluidity But Does Not Alter Phase Transition Temperature of DBPC Liposomes. <i>Journal of Fluorescence</i> , 2022, 32, 155-163.	2.5	0
116	Selective Detection of Silver Ions Based on Resonance Rayleigh Scattering Spectrometry Using Colloidal Silica Nanoparticles. <i>Plasmonics</i> , 0, , 1.	3.4	0