

# Digambara Patra

## List of Publications by Year in descending order

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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	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
2	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
3	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
4	A Novel Study on the Self-Assembly Behavior of Poly(lactic-co-glycolic acid) Polymer Probed by Curcumin Fluorescence. <i>ACS Omega</i> , 2022, 7, 9551-9558.	3.5	4
5	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
6	Cesium Lead Bromide Perovskites: Synthesis, Stability, and Photoluminescence Quantum Yield Enhancement by Hexadecyltrimethylammonium Bromide Doping. <i>ACS Omega</i> , 2022, 7, 20872-20880.	3.5	3
7	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
8	Curcumin-Polyallylhydrocarbon Nanocapsules Potently Suppress 1,2-Dimethylhydrazine-Induced Colorectal Cancer in Mice by Inhibiting Wnt/ $\beta$ -Catenin Pathway. <i>BioNanoScience</i> , 2021, 11, 518-525.	3.5	6
9	Binding of metal ions to the curcumin mediated methoxy polyethylene glycol thiol conjugated greenly synthesized gold nanoparticles: A fluorescence spectroscopic study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 407, 113083.	3.9	4
10	Interaction of curcumin with diarachidonyl phosphatidyl choline (DAPC) liposomes: Chitosan protects DAPC liposomes without changing phase transition temperature but impacting membrane permeability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111546.	5.0	10
11	Chitosan coated zinc curcumin oxide nanoparticles for the determination of ascorbic acid. <i>Journal of Molecular Liquids</i> , 2021, 328, 115504.	4.9	9
12	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
13	The mechanical and thermal properties of graphitic carbon nitride ( $\text{g-C}_3\text{N}_4$ )-based epoxy composites. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51324.	2.6	16
14	Outstanding Enhancement of Curcumin Fluorescence in PDDA and Silica Nanoparticles Coated DMPC Liposomes Based Nanocapsules: Application for Selective Estimation of ATP**. <i>ChemistrySelect</i> , 2021, 6, 6324-6332.	1.5	5
15	Efficient removal of Congo red using curcumin conjugated zinc oxide nanoparticles as new adsorbent complex. <i>Chemosphere</i> , 2021, 276, 130158.	8.2	34
16	Curcumin-based nanoformulations to target breast cancer: current trends and challenges. <i>Current Nanomaterials</i> , 2021, 06, .	0.4	0
17	Chitosan oligosaccharide/silica nanoparticles hybrid porous gel for mercury adsorption and detection. <i>Materials Today Communications</i> , 2021, 28, 102707.	1.9	13
18	Curcumin-loaded metal oxide aerogels: supercritical drying and stability. <i>RSC Advances</i> , 2021, 11, 34479-34486.	3.6	1

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19	Molecularly imprinted phenyl-functionalized silica aerogels: Selective adsorbents for methylxanthines and PAHs. <i>Microporous and Mesoporous Materials</i> , 2020, 292, 109759.	4.4	33
20	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
21	Curcumin mediated PEG thiol acid conjugated gold nanoparticles for the determination of melamine. <i>Microchemical Journal</i> , 2020, 153, 104382.	4.5	15
22	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
23	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
24	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
25	Glutathione-capped CuO nanoparticles for the determination of cystine using resonance Rayleigh scattering spectroscopy. <i>Mikrochimica Acta</i> , 2020, 187, 364.	5.0	14
26	Selective resonance Rayleigh scattering spectroscopic determination of persulfate using cetyl trimethylammonium bromide capped cuo nanograins. <i>Microchemical Journal</i> , 2020, 155, 104701.	4.5	6
27	Fluorescence Sensing of Nucleic Acid by Curcumin Encapsulated Poly(Ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td <i>Fluorescence</i> , 2020, 30, 547-556.	2.5	9
28	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
29	F108 stabilized CuO nanoparticles for highly selective and sensitive determination of mercury using resonance Rayleigh scattering spectroscopy. <i>Analytical Methods</i> , 2020, 12, 1631-1638.	2.7	8
30	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
31	Interaction of carbon nanotubes with curcumin: Effect of temperature and pH on simultaneous static and dynamic fluorescence quenching of curcumin using carbon nanotubes. <i>Luminescence</i> , 2020, 35, 659-666.	2.9	8
32	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
33	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. <i>ChemistrySelect</i> , 2020, 5, 4642-4649.	1.5	8
34	Green Synthesis of Curcumin Conjugated CuO Nanoparticles for Catalytic Reduction of Methylene Blue. <i>ChemistrySelect</i> , 2020, 5, 1694-1704.	1.5	17
35	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
36	Salt and bile salt accelerate self-assembly behavior of poly(ethylene oxide)-block-poly(propylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 <i>Physicochemical and Engineering Aspects</i> , 2019, 583, 123955.	4.7	6

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37	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
38	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
39	Doping of ZnO Nanoparticles with Curcumin: pH Dependent Release and DPPH Scavenging Activity of Curcumin in the Nanocomposites. <i>Current Nanomaterials</i> , 2019, 3, 147-152.	0.4	12
40	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
41	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
42	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
43	Modulation of membrane properties by silver nanoparticles probed by curcumin embedded in 1,2-Dimyristoyl-sn-glycero-3-phosphocholine liposomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 94-100.	5.0	6
44	Gold nanoparticles functionalized with Pluronic are viable optical probes for the determination of uric acid. <i>Mikrochimica Acta</i> , 2018, 185, 185.	5.0	15
45	Tuning the surface of Au nanoparticles using poly(ethylene glycol)- <i>block</i> -poly(propylene) Tj ETQq1 1 0.784314 rgBT /Overlock using resonance Rayleigh scattering spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 9616-9629.	2.8	35
46	Capping of supramolecular curcubit[7]uril facilitates formation of Au nanorods during pre-reduction by curcumin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 553, 97-104.	4.7	11
47	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
48	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 204, 354-361.	3.9	2
49	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
50	The role of OH <sup>•</sup> 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
51	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
52	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
53	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
54	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

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55	Preparation of curcumin loaded mesoporous silica nanoparticles: Determining polarizability inside the mesopores. <i>Materials Research Bulletin</i> , 2016, 84, 267-272.	5.2	20
56	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
57	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
58	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
59	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
60	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
61	Photophysical properties of neutral and dissociated forms of rosmarinic acid. <i>Journal of Luminescence</i> , 2016, 175, 50-56.	3.1	24
62	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. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 138, 32-40.	5.0	8
63	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
64	Dibenzonaphthyridinones: Heterocycle-to-Heterocycle Synthetic Strategies and Photophysical Studies. <i>Organic Letters</i> , 2015, 17, 5732-5735.	4.6	10
65	Photoluminescence studies of curcumin doped ZnO nanoparticles. , 2015, , .		1
66	Curcumin conjugated gold nanoparticles for nucleic acid sensing. , 2015, , .		2
67	Modifying emission of ZnO nanoparticles in ZnO interceded polymer based hierarchical ordered nanocapsules. <i>Materials Letters</i> , 2015, 143, 135-139.	2.6	7
68	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
69	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
70	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
71	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
72	Acridine orange and silica nanoparticles facilitated novel robust fluorescent hollow microcapsules toward DNA bio-sensor. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 443, 320-325.	4.7	5

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73	Revoking excited state intra-molecular hydrogen transfer by size dependent tailor-made hierarchically ordered nanocapsules. <i>RSC Advances</i> , 2014, 4, 8317.	3.6	15
74	Cyclic Azacyanines: Experimental and Computational Studies on Spectroscopic Properties and Unique Reactivity. <i>Journal of Fluorescence</i> , 2014, 24, 1285-1296.	2.5	2
75	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
76	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
77	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
78	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
79	Ionic Liquid Expedites Partition of Curcumin into Solid Gel Phase but Discourages Partition into Liquid Crystalline Phase of 1,2-Dimyristoyl- <i>sn</i> -glycero-3-phosphocholine Liposomes. <i>Journal of Physical Chemistry B</i> , 2013, 117, 9699-9708.	2.6	43
80	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
81	Poly(L-lysine)-pyranine-3 coacervate mediated nanoparticle-assembly: fabrication of dynamic pH-responsive containers. <i>Chemical Communications</i> , 2012, 48, 856-858.	4.1	20
82	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
83	Kinetics and mechanism of ionic intercalation/de-intercalation during the formation of $\beta$ -cobalt hydroxide and its polymorphic transition to $\gamma$ -cobalt hydroxide: reaction-diffusion framework. <i>Journal of Materials Chemistry</i> , 2012, 22, 16361.	6.7	34
84	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
85	Effect of Curcumin on Liposome: Curcumin as a Molecular Probe for Monitoring Interaction of Ionic Liquids with 1,2-Dipalmitoyl- <i>sn</i> -Glycero-3-Phosphocholine Liposome. <i>Photochemistry and Photobiology</i> , 2012, 88, 317-327.	2.5	50
86	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
87	Fluorescence modulation of 1,7-bis(4-hydroxy-3-methoxyphenyl)-1,6-heptadiene-3,5-dione by silver nanoparticles and its possible analytical application. <i>Luminescence</i> , 2012, 27, 11-15.	2.9	12
88	Nanoparticle assembled microcapsules for application as pH and ammonia sensor. <i>Analytica Chimica Acta</i> , 2011, 708, 75-83.	5.4	40
89	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
90	Unique role of ionic liquid [bmim][BF <sub>4</sub> ] during curcumin-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

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91	Synchronous fluorescence based biosensor for albumin determination by cooperative binding of fluorescence probe in a supra-biomolecular host-guest protein assembly. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1149-1154.	10.1	14
92	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
93	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
94	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
95	Preparation and photophysics of HPTS-based nanoparticle-assembled microcapsules. <i>Journal of Materials Chemistry</i> , 2009, 19, 4017.	6.7	16
96	Distinguishing motor oils at higher concentration range by evaluating total fluorescence quantum yield as a novel sensing tool. <i>Sensors and Actuators B: Chemical</i> , 2008, 129, 632-638.	7.8	9
97	Application and New Developments in Fluorescence Spectroscopic Techniques in Studying Individual Molecules. <i>Applied Spectroscopy Reviews</i> , 2008, 43, 389-415.	6.7	7
98	Art and artifacts of fluorescence correlation spectroscopy. , 2005, , .		5
99	Optical Saturation in Fluorescence Correlation Spectroscopy under Continuous-Wave and Pulsed Excitation. <i>ChemPhysChem</i> , 2005, 6, 164-170.	2.1	103
100	Performance of Fluorescence Correlation Spectroscopy for Measuring Diffusion and Concentration. <i>ChemPhysChem</i> , 2005, 6, 2324-2336.	2.1	204
101	Statistical Analysis of Diffusion Coefficient Determination by Fluorescence Correlation Spectroscopy. <i>Journal of Fluorescence</i> , 2005, 15, 415-422.	2.5	32
102	Defocused imaging of quantum-dot angular distribution of radiation. <i>Applied Physics Letters</i> , 2005, 87, 101103.	3.3	57
103	Challenges and progress in the analysis of polycyclic aromatic compounds. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 379, 355-357.	3.7	3
104	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
105	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
106	Art and Artefacts of Fluorescence Correlation Spectroscopy. <i>Current Pharmaceutical Biotechnology</i> , 2004, 5, 155-161.	1.6	177
107	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
108	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

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109	Total synchronous fluorescence scan spectra of petroleum products. Analytical and Bioanalytical Chemistry, 2002, 373, 304-309.	3.7	98
110	Recent developments in multi-component synchronous fluorescence scan analysis. TrAC - Trends in Analytical Chemistry, 2002, 21, 787-798.	11.4	271
111	Excitation Dependent Fluorescence Quantum Yield in Hydrocarbon Fuels Containing Polycyclic Aromatic Compounds. Polycyclic Aromatic Compounds, 2001, 18, 381-396.	2.6	6
112	Concentration dependent red shift: qualitative and quantitative investigation of motor oils by synchronous fluorescence scan. Talanta, 2001, 53, 783-790.	5.5	58
113	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
114	Multivariate Fluorimetric Determination of Mixture of Pyrene, Perylene and Triphenylene in Water Sample. Analytical Letters, 2000, 33, 2293-2304.	1.8	21
115	Effect of sample geometry on synchronous fluorimetric analysis of petrol, diesel, kerosene and their mixtures at higher concentration. Analyst, The, 2000, 125, 1383-1386.	3.5	64
116	Selective Detection of Silver Ions Based on Resonance Rayleigh Scattering Spectrometry Using Colloidal Silica Nanoparticles. Plasmonics, 0, , 1.	3.4	0