

Syed A Hussain

List of Publications by Year in descending order

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143
papers

1,866
citations

361388

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377849

34
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143
all docs

143
docs citations

143
times ranked

2100
citing authors

#	ARTICLE	IF	CITATIONS
1	Field-resolved infrared spectroscopy of biological systems. <i>Nature</i> , 2020, 577, 52-59.	27.8	170
2	Multi-watt, multi-octave, mid-infrared femtosecond source. <i>Science Advances</i> , 2018, 4, eaaq1526.	10.3	86
3	Unique supramolecular assembly through Langmuir-Blodgett (LB) technique. <i>Heliyon</i> , 2018, 4, e01038.	3.2	70
4	Development of arsenic(v) sensor based on Fluorescence Resonance Energy Transfer. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 1014-1023.	7.8	46
5	LANGMUIR-BLODGETT FILMS AND MOLECULAR ELECTRONICS. <i>Modern Physics Letters B</i> , 2009, 23, 3437-3451.	1.9	44
6	Fluorescence Resonance Energy Transfer between organic dyes adsorbed onto nano-clay and Langmuir-Blodgett (LB) films. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 664-670.	3.9	44
7	Reversible Transition between Excimer and J-Aggregate of Indocarbocyanine Dye in Langmuir-Blodgett (LB) Films. <i>Journal of Physical Chemistry C</i> , 2015, 119, 9429-9441.	3.1	44
8	Investigation of Fluorescence Resonance Energy Transfer between Fluorescein and Rhodamine 6G. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 149, 143-149.	3.9	43
9	Development of hard water sensor using fluorescence resonance energy transfer. <i>Sensors and Actuators B: Chemical</i> , 2013, 184, 268-273.	7.8	37
10	Langmuir-Blodgett Monolayers of Cationic Dyes in the Presence and Absence of Clay Mineral Layers: <i>N,N</i> -Diocetadecyl Thiocyanine, Octadecyl Rhodamine B and Laponite. <i>Langmuir</i> , 2010, 26, 11870-11877.	3.5	36
11	Effect of nanoclay laponite and pH on the energy transfer between fluorescent dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 252, 174-182.	3.9	35
12	A reusable software component-based development process model. <i>Advances in Engineering Software</i> , 2008, 39, 88-94.	3.8	34
13	Preparation of polystyrene-clay nanocomposite by solution intercalation technique. <i>Bulletin of Materials Science</i> , 2013, 36, 361-366.	1.7	34
14	Formation of fluorescent H-aggregates of a cyanine dye in ultrathin film and its effect on energy transfer. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 293, 57-64.	3.9	34
15	Sintering of calcium phosphates with a femtosecond pulsed laser for hard tissue engineering. <i>Materials and Design</i> , 2016, 101, 346-354.	7.0	33
16	Composition-dependent nanoelectronics of amido-phenazines: non-volatile RRAM and WORM memory devices. <i>Scientific Reports</i> , 2017, 7, 13308.	3.3	31
17	Development of an ion-sensor using fluorescence resonance energy transfer. <i>Sensors and Actuators B: Chemical</i> , 2014, 195, 382-388.	7.8	29
18	Multi step FRET among three laser dyes Pyrene, Acriflavine and Rhodamine B. <i>Journal of Luminescence</i> , 2016, 172, 168-174.	3.1	26

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19	Effect of nano-clay platelets on the J-aggregation of thiocyanine dye organized in Langmuir-Blodgett films: A spectroscopic investigation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 77, 232-237.	3.9	24
20	Spectroscopic characterizations of the mixed Langmuir-Blodgett (LB) films of 2,2'-biquinoline molecules: Evidence of dimer formation. <i>Chemical Physics Letters</i> , 2005, 405, 323-329.	2.6	21
21	Control of H-dimer formation of acridine orange using nano clay platelets. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 116, 148-153.	3.9	21
22	β -pyrophosphate: A potential biomaterial for dental applications. <i>Materials Science and Engineering C</i> , 2017, 75, 885-894.	7.3	21
23	Electrical switching behaviour of a metalloporphyrin in Langmuir-Blodgett film. <i>Organic Electronics</i> , 2018, 55, 50-62.	2.6	21
24	J-aggregates of thiocyanine dye organized in LB films: Effect of irradiation of light. <i>Journal of Luminescence</i> , 2011, 131, 1655-1660.	3.1	20
25	Towards Microscale Flight: Fabrication, Stability Analysis, and Initial Flight Experiments for 300 μm and 300 μm imes, $1.5 \mu\text{m}$ Sized Untethered MEMS Microfliers. <i>IEEE Transactions on Nanobioscience</i> , 2015, 14, 323-331.	3.3	20
26	Control of autonomous ground vehicles: a brief technical review. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 224, 012029.	0.6	20
27	Why Do Physicians Prescribe Stress Ulcer Prophylaxis to General Medicine Patients?. <i>Southern Medical Journal</i> , 2010, 103, 1103-1110.	0.7	19
28	Adsorption kinetics of a fluorescent dye in a long chain fatty acid matrix. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1642-1647.	3.9	19
29	Effect of Zinc oxide nanoparticle on Fluorescence Resonance Energy transfer between Fluorescein and Rhodamine 6G. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 175, 110-116.	3.9	19
30	Role of quantum dot in designing FRET based sensors. <i>Materials Today: Proceedings</i> , 2018, 5, 2306-2313.	1.8	19
31	Triosmium clusters containing thiazolide ligand: crystal structures of $[(\eta^4\text{-H})\text{Os}_3(\text{CO})_{10}(\eta^4\text{-3,4-}\hat{2}\text{-H})]$ and $[(\eta^4\text{-H})\text{Os}_3(\text{CO})_9(\eta^4\text{-3,4-}\hat{2}\text{-H})(\text{PPh}_3)]$. <i>Journal of Organometallic Chemistry</i> , 1998, 559, 81-89.	1.8	18
32	Exogenous mineralization of hard tissues using photo-absorptive minerals and femto-second lasers; the case of dental enamel. <i>Acta Biomaterialia</i> , 2018, 71, 86-95.	8.3	18
33	Spectroscopic characterizations of non-amphiphilic 2-(4-biphenyl)-6-phenyl benzoxazole molecules at the air-water interface and in Langmuir-Blodgett films. <i>Journal of Luminescence</i> , 2005, 114, 197-206.	3.1	17
34	Formation of nanoscale aggregates of a coumarin derivative in Langmuir-Blodgett film. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 111, 1037-1043.	2.3	17
35	Immobilization of single strand DNA on solid substrate. <i>Chemical Physics Letters</i> , 2007, 450, 49-54.	2.6	16
36	Preparation and characterization of an anionic dye-polycation molecular films by electrostatic layer-by-layer adsorption process. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 70, 307-312.	3.9	16

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37	Development of a DNA sensor using a molecular logic gate. <i>Journal of Biological Physics</i> , 2013, 39, 387-394.	1.5	16
38	A multiplex PCR for detection of enterotoxin genes in <i>Aeromonas</i> species isolated from foods of animal origin and human diarrhoeal samples. <i>Journal of Applied Microbiology</i> , 2014, 117, 1721-1729.	3.1	16
39	Layer-by-layer films and colloidal dispersions of graphene oxide nanosheets for efficient control of the fluorescence and aggregation properties of the cationic dye acridine orange. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 157, 79-87.	3.9	16
40	Study of Compression-Induced Supramolecular Nanostructures of an Imidazole Derivative by Langmuir-Blodgett Technique. <i>Langmuir</i> , 2017, 33, 8383-8394.	3.5	16
41	Formation of complex Langmuir and Langmuir-Blodgett films of water soluble rosebengal. <i>Journal of Colloid and Interface Science</i> , 2007, 311, 361-367.	9.4	15
42	Photophysical characterizations of 2-(4-biphenyl)-5 phenyl-1,3,4-oxadiazole in restricted geometry. <i>Journal of Luminescence</i> , 2008, 128, 41-50.	3.1	15
43	Sensing of DNA conformation based on change in FRET efficiency between laser dyes. <i>Sensors and Actuators B: Chemical</i> , 2014, 204, 746-753.	7.8	15
44	Temperature and concentration dependence of J-aggregate of a cyanine dye in a Laponite film fabricated by Langmuir-Blodgett technique. <i>Applied Clay Science</i> , 2015, 104, 245-251.	5.2	15
45	Langmuir-Blodgett films of 9-phenyl anthracene molecules incorporated into different matrices. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 2448-2454.	3.9	14
46	Role of microenvironment in the mixed Langmuir-Blodgett films. <i>Journal of Colloid and Interface Science</i> , 2006, 299, 785-790.	9.4	14
47	Stability of J-aggregated species in an indocarbocyanine dye in Langmuir-Blodgett Films. <i>Journal of Luminescence</i> , 2016, 179, 287-296.	3.1	14
48	Selective and sensitive detection of L-Cysteine via fluorometric assay using gold nanoparticles and Rhodamine B in aqueous medium. <i>Materials Chemistry and Physics</i> , 2019, 234, 158-167.	4.0	14
49	Resistive Switching of the Tetraindolyl Derivative in Ultrathin Films: A Potential Candidate for Nonvolatile Memory Applications. <i>Langmuir</i> , 2021, 37, 4449-4459.	3.5	14
50	Role of various LB parameters on the optical characteristics of mixed Langmuir-Blodgett films. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 2542-2549.	4.0	13
51	Enterotoxin gene profile and molecular epidemiology of <i>Aeromonas</i> species from fish and diverse water sources. <i>Journal of Applied Microbiology</i> , 2019, 127, 921-931.	3.1	13
52	Interferometric delay tracking for low-noise Mach-Zehnder-type scanning measurements. <i>Optics Express</i> , 2019, 27, 4789.	3.4	13
53	Adsorption behavior of DNA onto a cationic surfactant monolayer at the air-water interface. <i>Surface Science</i> , 2013, 617, 124-130.	1.9	12
54	Field-resolved spectroscopy in the molecular fingerprint region. , 2017, , .		12

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55	Formation of complex films with water-soluble CTAB molecules. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 65, 628-632.	3.9	11
56	Incorporation of nano-clay saponite layers in the organo-clay hybrid films using anionic amphiphile stearic acid by Langmuir-Blodgett technique. <i>Thin Solid Films</i> , 2013, 536, 261-268.	1.8	11
57	Formation and control of excimer of a coumarin derivative in Langmuir-Blodgett films. <i>Journal of Luminescence</i> , 2014, 145, 824-831.	3.1	11
58	Adsorption of Cationic Laser Dye onto Polymer/Surfactant Complex Film. <i>Chinese Journal of Chemical Physics</i> , 2011, 24, 348-352.	1.3	10
59	Clay induced aggregation of a tetra-cationic metalloporphyrin in Layer by Layer self assembled film. <i>Journal of Physics and Chemistry of Solids</i> , 2015, 87, 128-135.	4.0	10
60	Development of a sensor to study the DNA conformation using molecular logic gates. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 1797-1802.	3.9	10
61	Photophysical study of the interaction between ZnO nanoparticles and globular protein bovine serum albumin in solution and in a layer-by-layer self-assembled film. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 121, 110-120.	4.0	10
62	Transient WORM Memory Device Using Biocompatible Protamine Sulfate with Very High Data Retention and Stability. <i>ACS Applied Electronic Materials</i> , 2021, 3, 5248-5256.	4.3	10
63	MONOLAYER CHARACTERISTICS OF CHITOSAN ASSEMBLED IN LANGMUIR FILMS MIXED WITH ARACHIDIC ACID. <i>Surface Review and Letters</i> , 2014, 21, 1450049.	1.1	9
64	Optimum Sample Thickness for Trace Analyte Detection with Field-Resolved Infrared Spectroscopy. <i>Analytical Chemistry</i> , 2020, 92, 7508-7514.	6.5	9
65	MONOLAYER CHARACTERISTICS OF PYRENE MIXED WITH STEARIC ACID AT THE AIR-WATER INTERFACE. <i>Surface Review and Letters</i> , 2008, 15, 287-293.	1.1	8
66	Reaction kinetics of organo-clay hybrid films: In-situ IRRAS, FIM and AFM studies. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 323-328.	4.0	8
67	Clay induced changes in the aggregation pattern of Safranin-O in hybrid Langmuir-Blodgett (LB) films. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 348, 199-208.	3.9	8
68	Organoclay Hybrid Films With Improved Functionality. , 2017, , 273-305.		8
69	Modified aggregation pattern of cresyl violet acetate adsorbed on nano clay mineral layers in Langmuir Blodgett film. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 353, 570-580.	3.9	8
70	Polydiacetylene- <i>N</i> -1-Hexadecyl Imidazole Mixed Film and Its Application toward the Sensing of Volatile Organic Compounds, Gasoline, and Pollution Level in Car Exhaust. <i>Journal of Physical Chemistry C</i> , 2021, 125, 15976-15986.	3.1	8
71	Triaxial Compression of α -Cappable-Formulations. <i>Journal of Pharmaceutical Sciences</i> , 1985, 74, 1239-1241.	3.3	7
72	Identification and weather sensitivity of physically based model of residential air-conditioners for direct load control: A case study. <i>Energy and Buildings</i> , 2006, 38, 997-1005.	6.7	7

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73	A study on the interactions of cationic porphyrin with nano clay platelets in Layer-by-Layer (LbL) self assembled films. <i>Chemical Physics Letters</i> , 2015, 633, 82-88.	2.6	7
74	Amberlite IR 120H Catalyzed $\text{N}^{\ominus}\text{C}^{\oplus}\text{N}$ Coupled Cyclization Strategy to Give Imidazoles: Design and Fabrication of Organic Nanomaterial with AFM Imaging. <i>ChemistrySelect</i> , 2017, 2, 241-245.	1.5	7
75	Investigation on ionic states of 1,2-Dipalmitoyl-sn-glycero-3-phosphorylcholine (DPPC) using organic laser dyes: A FRET study. <i>Journal of Luminescence</i> , 2017, 185, 42-47.	3.1	7
76	Effect of nano clay Laponite on stability of SHG active J-aggregate of a thiocyanine dye onto LB films. <i>Applied Clay Science</i> , 2017, 147, 105-116.	5.2	7
77	Polydiacetylene (PDA) Film: A unique sensing element. <i>Materials Today: Proceedings</i> , 2018, 5, 2367-2372.	1.8	7
78	Cooperative Highway Lane Merge of Connected Vehicles Using Nonlinear Model Predictive Optimal Controller. <i>Vehicles</i> , 2020, 2, 249-266.	3.1	7
79	An agent-based control mechanism for WFQ in IP networks. <i>Control Engineering Practice</i> , 2003, 11, 1143-1151.	5.5	6
80	AGGREGATION OF P-TERPHENYL ALONG WITH PMMA/SA AT THE LANGMUIR AND LANGMUIR-BLODGETT FILMS. <i>Surface Review and Letters</i> , 2008, 15, 459-467.	1.1	6
81	Effect of nano clay platelets and DNA on controlling the H-dimer of oxazine 4 perchlorate (OX4) in LbL film. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 116, 1669-1676.	2.3	6
82	Adsorption of a water soluble cationic dye into a cationic Langmuir monolayer. <i>Journal of Physics and Chemistry of Solids</i> , 2015, 80, 98-104.	4.0	6
83	Photophysical behavior of layer-by-layer electrostatic self-assembled film of azo dye Chromotrope-2R and a polycation. <i>Journal of Luminescence</i> , 2016, 178, 347-355.	3.1	6
84	Study of cholesterol derivative and phospholipid (DPPC) mixed film using LB technique and FRET: Design of cholesterol sensor. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 519-528.	7.8	6
85	Micellar effect of surfactant on the aggregation pattern of a fluorescent dye in ultra-thin film. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 364, 696-704.	3.9	6
86	Train of Ultrashort Mid-Infrared Pulses with Sub-Mrad Carrier-Envelope Phase Stability. , 2019, , .		6
87	Study of polydiacetylenes and rhodamine-800 mixed film at air-water interface and onto solid support: Trace of fluorescence resonance energy transfer (FRET). <i>Polymer Bulletin</i> , 2021, 78, 93-113.	3.3	6
88	Langmuir-Blodgett films of p-terphenyl in different matrices: Evidence of dual excimer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 257-262.	3.9	5
89	Effect of Temperature and Ionic Concentration on Self-Assembled Films of Chicago Sky Blue. <i>Chinese Physics Letters</i> , 2008, 25, 3732-3734.	3.3	5
90	SPECTROSCOPIC CHARACTERIZATIONS OF NONAMPHIPHILIC 2,5-BIS (5-TERT-BUTYL-BENZOXAZOLYL)-THIOPHENE MOLECULES AT THE AIR-WATER INTERFACE AND IN LANGMUIR-BLODGETT FILMS. <i>Surface Review and Letters</i> , 2008, 15, 889-896.	1.1	5

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91	MOLECULAR SELF-ASSEMBLY OF CHICAGO SKY BLUE ONTO SOLID SUBSTRATE. International Journal of Modern Physics B, 2011, 25, 1905-1914.	2.0	5
92	Silver Nanoparticles and Their Antimicrobial Activity on a Few Bacteria. BioNanoScience, 2013, 3, 67-72.	3.5	5
93	pH induced interaction of DPPC with a fluorescent dye in Langmuir and Langmuir Blodgett (LB) films. Molecular Crystals and Liquid Crystals, 2017, 643, 255-265.	0.9	5
94	Phase behavior of poly diacetylene mixed with a xanthene dye at air-water interface and onto solid support. Soft Materials, 2019, 17, 77-92.	1.7	5
95	Fluorescence- and FRET-based mercury (II) sensor. International Journal of Environmental Analytical Chemistry, 2020, 100, 789-807.	3.3	5
96	Self-standing films of tetraindolyl derivative and saponite clay mineral with reversible colour switching properties. Journal of Physics and Chemistry of Solids, 2020, 144, 109487.	4.0	5
97	Resistive switching behaviour of organic molecules. Materials Today: Proceedings, 2021, 46, 6290-6294.	1.8	5
98	An active scheduling paradigm for open adaptive network environments. International Journal of Communication Systems, 2004, 17, 491-506.	2.5	4
99	Interaction of a Laser Dye with a Floating Phospholipid Monolayer. Journal of Macromolecular Science - Pure and Applied Chemistry, 2013, 50, 607-614.	2.2	4
100	Untethered microscale flight: mechanisms and platforms for future aerial MEMS microrobots. Proceedings of SPIE, 2015, , .	0.8	4
101	Matrix dependent changes in metachromasy of crystal violet in Langmuir-Blodgett films. Chemical Physics Letters, 2016, 665, 76-84.	2.6	4
102	Detection sensitivity of field-resolved spectroscopy in the molecular fingerprint region. , 2017, , .		4
103	Interaction of an antibiotic - Norfloxacin with lipid membrane. Materials Today: Proceedings, 2018, 5, 2373-2380.	1.8	4
104	Effect of Functional Group on Electrical Switching Behaviour of an Imidazole Derivative in Langmuir-Blodgett Film. ChemistrySelect, 2019, 4, 9065-9073.	1.5	4
105	PREPARATION OF ODA-CLAY HYBRID FILMS BY LANGMUIR-BLODGETT TECHNIQUE. Modern Physics Letters B, 2009, 23, 1351-1358.	1.9	3
106	Interaction of Nano-Clay Platelets with a Phospholipid in Presence of a Fluorescence Probe. Molecular Crystals and Liquid Crystals, 2015, 608, 198-210.	0.9	3
107	Adsorption of a cationic water-soluble dye onto cationic Langmuir-Blodgett films via nano clay platelets: An efficient approach to control the H-dimer. Molecular Crystals and Liquid Crystals, 2016, 624, 213-223.	0.9	3
108	Fluorescence resonance energy transfer (FRET) between acriflavine and CdTe quantum dot. Materials Today: Proceedings, 2020, 46, 6087-6087.	1.8	3

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109	7-Alkoxy-appended coumarin derivatives: synthesis, photo-physical properties, aggregation behaviours and current-voltage ($I-V$) characteristic studies on thin films. RSC Advances, 2021, 11, 10212-10223.	3.6	3
110	Interaction of a Phospholipid and a Coagulating Protein: Potential Candidate for Bioelectronic Applications. ACS Omega, 2022, 7, 17583-17592.	3.5	3
111	Miscibility and Molecular Orientation of Carbazole in Mixed Langmuir and Langmuir-Blodgett Films. Chinese Physics Letters, 2007, 24, 2044-2047.	3.3	2
112	Miscibility of Two Components in a Binary Mixture of 9-Phenyl Anthracene Mixed with Stearic Acid or Polymethyl Methacrylate at Air-Water Interface. Chinese Physics Letters, 2007, 24, 1331-1334.	3.3	2
113	Screening tuberculosis suspects: How many sputum specimens are adequate?. Annals of Tropical Medicine and Public Health, 2012, 5, 317.	0.1	2
114	Formation of J-aggregates in Langmuir-Blodgett films: Effect of stearic acid and nano clay platelets. Molecular Crystals and Liquid Crystals, 2016, 638, 44-59.	0.9	2
115	Metal ion-induced H-aggregation of a water-soluble anionic dye Congo red (CR) in Langmuir-Blodgett (LB) film. Supramolecular Chemistry, 2017, 29, 401-410.	1.2	2
116	Fluorescence resonance energy transfer (FRET) as biomarkers. Materials Today: Proceedings, 2021, 46, 6301-6303.	1.8	2
117	Influence of Clay and DNA on Fluorescence Resonance Energy Transfer Between Two Laser Dyes Pyrene and Acriflavine. Advanced Science Letters, 2016, 22, 149-153.	0.2	2
118	Nano Dimensional Hybrid Organo-clay Langmuir-Blodgett Films. Current Physical Chemistry, 2013, 3, 322-332.	0.2	2
119	Investigation of non volatile resistive switching behaviour using rose petal. Materials Today: Proceedings, 2022, 65, 2693-2697.	1.8	2
120	Photophysical characterization of layer-by-layer self-assembled films of deoxyribonucleic acid. Pramana - Journal of Physics, 2008, 71, 379-384.	1.8	1
121	LAYER-BY-LAYER SELF-ASSEMBLED FILMS OF ROSE BENGAL. International Journal of Modern Physics B, 2011, 25, 4039-4046.	2.0	1
122	Effect of denaturation of DNA on the molecular organization of a fluorescent dye in ultra thin films. Molecular Crystals and Liquid Crystals, 2016, 633, 46-53.	0.9	1
123	Surfactant concentration dependent metachromasy of an anionic cyanine dye in adsorbed and deposited Langmuir films. Chemical Physics Letters, 2017, 676, 99-107.	2.6	1
124	Study of aggregation behavior of water insoluble metalloporphyrin (Zn) in LB film. Materials Today: Proceedings, 2018, 5, 2246-2253.	1.8	1
125	Study of an Imidazole Derivative Mixed with Fatty Acid at Air-Water Interface and in Ultrathin Films. Materials Today: Proceedings, 2018, 5, 2287-2294.	1.8	1
126	Effect of nano clay platelets on the hybrid monolayer of a cationic oxazine dye: In-situ Brewster Angle Microscopic (BAM) study. Materials Today: Proceedings, 2018, 5, 2352-2358.	1.8	1

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127	Effect of DNA in controlling the H-dimeric sites of Nile Blue Chloride (NBC) in ultra-thin film. Materials Today: Proceedings, 2018, 5, 2345-2351.	1.8	1
128	Effect of clay in controlling the non-fluorescence H-dimeric states of a cationic dye Nile Blue Chloride (NBC) in hybrid Langmuir-Blodgett (LB) film. Chemical Physics Letters, 2018, 691, 298-306.	2.6	1
129	Polydiacetylene and imidazole mixed self-standing films for colorimetric detection of various volatile organic analytes. Journal of Physics: Conference Series, 2019, 1330, 012012.	0.4	1
130	Micellar effect of CTAB on Phenol red sodium salt: A model system may be used for cell membrane study. Materials Today: Proceedings, 2021, 46, 6433-6436.	1.8	1
131	Comparative analysis of case screening with varying cough duration and sputum samples for diagnosis of tuberculosis in patients attending the OPD at a tertiary care hospital at Srinagar, India. Nigerian Journal of Clinical Practice, 2012, 15, 430.	0.6	1
132	Effect of surfactant micelle on the fluorescence efficiency of a water soluble anionic xanthene dye in complex Langmuir-Blodgett (LB) film. Materials Today: Proceedings, 2022, 65, 2713-2717.	1.8	1
133	RRAM and WORM memory devices using Protamine Sulfate and Graphene Oxide. Materials Today: Proceedings, 2022, 65, 2773-2777.	1.8	1
134	Design of simple systolic arrays using geometric projections. IEEE Transactions on Signal Processing, 1994, 42, 985-988.	5.3	0
135	Photophysical studies of xanthene dye in alkanols and in presence of inorganic ions. Indian Journal of Physics, 2010, 84, 653-658.	1.8	0
136	Stereo rendering of rain in real-time. , 2013, , .		0
137	Interaction of bio-minerals and gels with ultrafast lasers for hard tissue surface engineering. , 2015, , .		0
138	Effect of Electric Field on J-aggregate in Ultrathin Films. Materials Today: Proceedings, 2018, 5, 2275-2280.	1.8	0
139	A special issue on Material Science based on the papers presented during Second International Conference on Material Science. Materials Today: Proceedings, 2018, 5, 2023-2030.	1.8	0
140	Metachromasy of a water soluble pthalocyanine dye in the solutions and deposited Langmuir films. Materials Today: Proceedings, 2018, 5, 2339-2344.	1.8	0
141	Effect of nano-clay platelet on fluorescence resonance energy transfer. Invertis Journal of Renewable Energy, 2016, 6, 132.	0.1	0
142	Incidence of Heat Resistance and Heat Sensitive Strains of Clostridium Perfringens Type A in Selected Meat and Water Samples. Indian Journal of Comparative Microbiology Immunology and Infectious Diseases, 2017, 38, 34.	0.0	0
143	Storage Stability of Goshtaba with $\hat{\pm}$ -Tocopherol as Anti-Oxidant. International Journal of Current Microbiology and Applied Sciences, 2017, 6, 1571-1578.	0.1	0