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List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

681
citations

516710

16
h-index

610901

24
g-index

41
all docs

41
docs citations

41
times ranked

818
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of polyvinylpyrrolidone and quantity of silver nitrate on silver nanoparticles sizing via solvothermal method for dye-sensitized solar cells. <i>Surface and Interface Analysis</i> , 2022, 54, 109-116.	1.8	4
2	Effect of toluene-4-sulfonic acid monohydrate concentrations on properties of polyaniline for pyrene detection via photoluminescence spectroscopy. <i>Optical Materials</i> , 2022, 131, 112711.	3.6	2
3	Surface plasmon resonance measurement of arsenic in low concentration using polypyrrole-graphene quantum dots layer. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 173, 108546.	5.0	10
4	Laser ablated titanium oxide nanoparticles in carbon quantum dots solution for detection of sugar using fluorescence spectroscopy. <i>Materials Research Express</i> , 2021, 8, 105003.	1.6	5
5	Polypyrrole-BaFe ₂ O ₄ sensing layer for detection of strontium ion in aqueous solution using surface plasmon resonance curves fitting. <i>Optics and Laser Technology</i> , 2021, 140, 106970.	4.6	4
6	Surface Plasmon Resonance Sensor to Detect n-Hexane in Palm Kernel Oil Using Polypyrrole Nanoparticles Reduced Graphene Oxide Layer. <i>Journal of Sensors</i> , 2021, 2021, 1-13.	1.1	6
7	Power conversion efficiency (PCE) performance of back-illuminated DSSCs with different Pt catalyst contents at the optimized TiO ₂ thickness. <i>Optik</i> , 2020, 203, 163567.	2.9	7
8	Acid-Free Hydrothermal-Extraction and Molecular Structure of Carbon Quantum Dots Derived from Empty Fruit Bunch Biochar. <i>Materials</i> , 2020, 13, 3356.	2.9	24
9	Optical and Photoacoustic Properties of Laser-Ablated Silver Nanoparticles in a Carbon Dots Solution. <i>Molecules</i> , 2020, 25, 5798.	3.8	5
10	Polypyrrole-Chitosan-CaFe ₂ O ₄ Layer Sensor for Detection of Anionic and Cationic Dye Using Surface Plasmon Resonance. <i>International Journal of Polymer Science</i> , 2020, 2020, 1-10.	2.7	7
11	Surface Plasmon Resonance Sensor Based on Polypyrrole-Chitosan-BaFe ₂ O ₄ Nanocomposite Layer to Detect the Sugar. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2855.	2.5	6
12	Laser ablation synthesis of gold nanoparticles in tetrahydrofuran. <i>Optical Materials Express</i> , 2020, 10, 323.	3.0	25
13	Enhancement of the fluorescence property of carbon quantum dots based on laser ablated gold nanoparticles to evaluate pyrene. <i>Optical Materials Express</i> , 2020, 10, 2227.	3.0	13
14	Photoluminescence property of laser-ablated zinc oxide-carbon quantum dots nanocomposites for detection of Hg and Pb ions. <i>Journal of Nanophotonics</i> , 2020, 14, .	1.0	3
15	Experimental and molecular modeling of interaction of carbon quantum dots with glucose. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	10
16	Laser ablation synthesis of Ag nanoparticles in graphene quantum dots aqueous solution and optical properties of nanocomposite. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	16
17	Laser ablation synthesis of gold nanoparticle to enhance the fluorescence properties of graphene quantum dots. <i>Journal of Laser Applications</i> , 2019, 31, .	1.7	7
18	Surface plasmon resonance sensor using polypyrrole-chitosan/graphene quantum dots layer for detection of sugar. <i>Materials Research Express</i> , 2019, 6, 075028.	1.6	19

#	ARTICLE	IF	CITATIONS
19	Optical and Thermal Properties of Laser-Ablated Platinum Nanoparticles Graphene Oxide Composite. International Journal of Molecular Sciences, 2019, 20, 6153.	4.1	13
20	Polypyrrole-chitosan/nickel-ferrite nanoparticle composite layer for detecting heavy metal ions using surface plasmon resonance technique. Optics and Laser Technology, 2017, 93, 216-223.	4.6	46
21	Surface plasmon resonance sensor for detecting of arsenic in aqueous solution using polypyrrole-chitosan-cobalt ferrite nanoparticles composite layer. Optics Communications, 2017, 383, 132-137.	2.1	52
22	Synthesis of Gold Nanoparticles Dispersed in Palm Oil Using Laser Ablation Technique. Journal of Nanomaterials, 2017, 2017, 1-5.	2.7	24
23	Green Fabrication of Copper Nanoparticles Dispersed in Walnut Oil Using Laser Ablation Technique. Journal of Nanomaterials, 2016, 2016, 1-7.	2.7	12
24	Optical Band Gap and Thermal Diffusivity of Polypyrrole-Nanoparticles Decorated Reduced Graphene Oxide Nanocomposite Layer. Journal of Nanomaterials, 2016, 2016, 1-8.	2.7	10
25	Effect of phase transformation on physical and biological properties of PVA/CaFe ₂ O ₄ nanocomposite. Fibers and Polymers, 2016, 17, 1667-1674.	2.1	19
26	Reduced Graphene Oxide Decorated with Polypyrrole Nanoparticles Layer for Detection of Pyrene Using Surface Plasmon Resonance Technique. ECS Journal of Solid State Science and Technology, 2016, 5, Q7-Q12.	1.8	7
27	Spatial self-phase modulation patterns in graphene oxide and graphene oxide with silver and gold nanoparticles. Optical and Quantum Electronics, 2016, 48, 1.	3.3	18
28	Application of thermal lens technique to measure the thermal diffusivity of biodiesel blend. Optical Review, 2015, 22, 289-293.	2.0	7
29	Application of Polypyrrole Multi-Walled Carbon Nanotube Composite Layer for Detection of Mercury, Lead and Iron Ions Using Surface Plasmon Resonance Technique. PLoS ONE, 2014, 9, e93962.	2.5	50
30	Artificial Neural Network Modelling of Photodegradation in Suspension of Manganese Doped Zinc Oxide Nanoparticles under Visible-Light Irradiation. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	10
31	Application of Conducting Polymer Layer for Measurement of Ag Nanoparticle Concentration Using Surface Plasmon Resonance. Polymer-Plastics Technology and Engineering, 2014, 53, 520-525.	1.9	4
32	Optical Nonlinear Refractive Index of Laser-Ablated Gold Nanoparticles Graphene Oxide Composite. Journal of Nanomaterials, 2014, 2014, 1-8.	2.7	26
33	Measurement of copper nanoparticle concentration using surface plasmon resonance. , 2014, , .		0
34	Green Synthesis of Gold Nanoparticles in Pomegranate Seed Oil Stabilized Using Laser Ablation. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 1009-1013.	3.7	10
35	Laser ablation synthesis and optical properties of copper nanoparticles. Journal of Materials Research, 2013, 28, 2629-2636.	2.6	36
36	Application of Polypyrrole-Chitosan Layer for Detection of Zn (II) and Ni (II) in Aqueous Solutions Using Surface Plasmon Resonance. International Journal of Polymeric Materials and Polymeric Biomaterials, 2013, 62, 284-287.	3.4	30

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37	Preparation of Graphene Oxide Stabilized Nickel Nanoparticles with Thermal Effusivity Properties by Laser Ablation Method. Journal of Nanomaterials, 2013, 2013, 1-9.	2.7	12
38	Surface plasmon resonance detection of copper corrosion in biodiesel using polypyrrole-chitosan layer sensor. Optical Review, 2011, 18, 331-337.	2.0	36
39	Physical Properties of Normal Grade Biodiesel and Winter Grade Biodiesel. International Journal of Molecular Sciences, 2011, 12, 2100-2111.	4.1	21
40	Fabrication of Silver Nanoparticles Dispersed in Palm Oil Using Laser Ablation. International Journal of Molecular Sciences, 2010, 11, 4764-4770.	4.1	47
41	Laser Ablation Technique for Synthesis of Metal Nanoparticle in Liquid. , 0, , .		18