

S Arul Antony

List of Publications by Year in descending order

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51
papers

2,569
citations

185998

28
h-index

197535

49
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all docs

51
docs citations

51
times ranked

1949
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization, and anti-cancer activity of chalcone derivatives as-potent anaplastic lymphoma kinase inhibitors. <i>Structural Chemistry</i> , 2021, 32, 1597-1609.	1.0	0
2	Citrus Extract Modified Graphene Oxide as a Green and Heterogeneous Organocatalyst for the Synthesis of Imidazole Derivatives. <i>Asian Journal of Chemistry</i> , 2020, 32, 2375-2380.	0.1	2
3	Merocyanine dye-based specific sensing cyanide anions in aqueous medium. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	4
4	Synthesis, Molecular Docking, DFT Study of Novel N-Benzyl-2-(3-cyano-4-isobutoxyphenyl)-4-methylthiazole-5-carboxamide Derivatives and their Antibacterial Activity. <i>Asian Journal of Chemistry</i> , 2020, 32, 619-626.	0.1	1
5	Schiff Base Metal Complexes as Anticancer Agents. <i>Asian Journal of Chemistry</i> , 2019, 31, 493-504.	0.1	18
6	Synthesis, characterization of benzimidazole carboxamide derivatives as potent anaplastic lymphoma kinase inhibitor and antioxidant activity. <i>Synthetic Communications</i> , 2019, 49, 266-278.	1.1	5
7	Selective and efficient detection of picric acid among other nitroaromatics by NIR fluorescent cyanine chemosensors. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 207, 321-327.	2.0	9
8	Enhanced Magneto-optical and Photocatalytic Properties of Ferromagnetic $Mg_{1-x}Ni_xFe_2O_4$ (0.0 ≤ x ≤ 1.0) Nano-Photocatalysts by Microwave Irradiation Route. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 2141-2149.	0.8	35
9	Structural, Morphological and Optical Properties of ZnO, ZnO:Ni ²⁺ and ZnO:Co ²⁺ Nanostructures by Hydrothermal Process and Their Photocatalytic Activity. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2388-2398.	1.9	24
10	Preparation and Characterizations of PVP/TiO ₂ NPs Calcined at 500, 600 and 700 °C by the Hydrothermal Method and Their Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018, 28, 2036-2045.	1.9	11
11	Enhanced Catalytic Activity, Facile Synthesis and Characterization Studies of Spinel Mn-Co Aluminate Nano-Catalysts. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 1388-1395.	0.9	10
12	Okra (<i>Abelmoschus esculentus</i>) Plant Extract-Assisted Combustion Synthesis and Characterization Studies of Spinel ZnAl ₂ O ₄ Nano-Catalysts. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 4072-4081.	0.9	35
13	Design, synthesis and anti-inflammatory activity of pyrimidine scaffold benzamide derivatives as epidermal growth factor receptor tyrosine kinase inhibitors. <i>Journal of Molecular Structure</i> , 2018, 1171, 541-550.	1.8	11
14	Green Synthesis of Pectin-Gold-PLA-PEG-PLA Nanoconjugates: <i>In Vitro</i> Cytotoxicity and Anti-Inflammatory Activity. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 4549-4557.	0.9	13
15	Synthesis, molecular docking, DFT calculations and cytotoxicity activity of benzo[g]quinazoline derivatives in choline chloride-urea. <i>Journal of Molecular Structure</i> , 2017, 1150, 88-95.	1.8	18
16	Sesamum indicum Plant Extracted Microwave Combustion Synthesis and Opto-Magnetic Properties of Spinel Mn _{1-x} Co _{1-x} Al ₂ O ₄ Nano-Catalysts. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 448-456.	0.9	54
17	Spinel Ni _{1-x} Zn _x Fe ₂ O ₄ (0.0 ≤ x ≤ 1.0) nano-photocatalysts: Synthesis, characterization and photocatalytic degradation of methylene blue dye. <i>Journal of Molecular Structure</i> , 2016, 1119, 39-47.	1.8	156
18	Enhanced Catalytic Activity and Magnetic Properties of Spinel Mn _x Zn _{1-x} Fe ₂ O ₄ (0.0 ≤ x ≤ 1.0) Nano-Photocatalysts by Microwave Irradiation Route. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 2141-2149.	0.8	74

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19	Electromagnetic Properties and Humidity-Sensing Studies of Magnetically Recoverable $\text{LaMg}_x\text{Fe}_{1-x}\text{O}_{3+\delta}$ Perovskites Nano-photocatalysts by Sol-Gel Route. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 1691-1701.	0.8	106
20	Magnetically Recyclable Spinel $\text{Mn}_x\text{Ni}_{1-x}\text{Fe}_2\text{O}_4$ ($x = 0.0\text{--}0.5$) Nano-photocatalysts: Structural, Morphological and Opto-magnetic Properties. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 477-486.	0.8	96
21	Photocatalytic degradation of methylene blue dye and magneto-optical studies of magnetically recyclable spinel $\text{Ni}_x\text{Mn}_{1-x}\text{Fe}_2\text{O}_4$ ($x = 0.0\text{--}1.0$) nanoparticles. <i>Journal of Molecular Structure</i> , 2016, 1113, 79-87.	1.8	115
22	<i>Aloe vera</i> Plant Extracted Green Synthesis, Structural and Opto-Magnetic Characterizations of Spinel $\text{Co}_x\text{Zn}_{1-x}\text{Al}_2\text{O}_4$ Nano-Catalysts. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 357-373.	0.9	31
23	Magnetically Separable $\text{Mn}_x\text{Zn}_{1-x}\text{Fe}_2\text{O}_4$ ($0.0 \leq x \leq 0.5$) Nanostructures: Structural, Morphological, Opto-Magnetic, and Photocatalytic Properties. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 1277-1297.	0.6	6
24	Simple Co-Precipitation Synthesis and Characterization Studies of LaNiVO_3 Perovskites Nanostructures for Humidity Sensing Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 1650-1655.	0.9	28
25	Magneto-Optical and Catalytic Properties of Recyclable Spinel NiAl_2O_4 Nanostructures Using Facile Combustion Methods. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 253-263.	0.8	29
26	Thiophene and benzodioxole appended thiazolyl-pyrazoline compounds: Microwave assisted synthesis, antimicrobial and molecular docking studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2753-2757.	1.0	23
27	A Novel Synthesis and Characterization Studies of Magnetic Co_3O_4 Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4580-4586.	0.9	80
28	Microwave Combustion Synthesis and Characterization Studies of Magnetic $\text{ZnCdFe}_2\text{O}_4$ ($0 \leq x \leq 0.5$) Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 4543-4551.	0.9	40
29	Comparative Studies of Spinel MnFe_2O_4 Nanostructures: Structural, Morphological, Optical, Magnetic and Catalytic Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 9732-9740.	0.9	89
30	Structure, morphology and opto-magnetic properties of Bi_2MoO_6 nano-photocatalyst synthesized by sol-gel method. <i>Transactions of Nonferrous Metals Society of China</i> , 2015, 25, 3271-3278.	1.7	73
31	Mn^{2+} Doped NiS ($\text{Mn}_x\text{Ni}_{1-x}\text{S}$; $x = 0.0, 0.3$ and 0.5) Nanocrystals: Structural, Morphological, Opto-magnetic and Photocatalytic Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 804-815.	1.9	59
32	Room Temperature Ferromagnetism of Magnetically Recyclable Photocatalyst of $\text{Cu}_x\text{Mn}_x\text{Fe}_2\text{O}_4\text{-TiO}_2$ ($0.0 \leq x \leq 0.5$) Nanocomposites. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 1783-1795.	0.8	105
33	A Novel Synthesis of Zn^{2+} -Doped CoFe_2O_4 Spinel Nanoparticles: Structural, Morphological, Opto-magnetic and Catalytic Properties. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 2539-2552.	0.8	125
34	Magneto-Optical and Photocatalytic Properties of Magnetically Recyclable $\text{Mn}_x\text{Zn}_{1-x}\text{S}$ ($x = 0.0, 0.3$). <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 1783-1795.	0.8	59
35	Hibiscus rosa-sinensis Leaf Extracted Green Methods, Magneto-Optical and Catalytic Properties of Spinel CuFe_2O_4 Nano- and Microstructures. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 1019-1031.	1.9	69
36	Role of Mn^{2+} Doping on Structural, Morphological, and Opto-Magnetic Properties of Spinel $\text{Mn}_x\text{Co}_{1-x}\text{Fe}_2\text{O}_4$ ($x = 0.0, 0.1, 0.2, 0.3, 0.4$, and 0.5) Nanocatalysts. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015, 28, 2047-2058.	0.8	64

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37	One-Pot Low Temperature Synthesis and Characterization Studies of Nanocrystalline Fe_2O_3 Based Dye Sensitized Solar Cells. Journal of Nanoscience and Nanotechnology, 2015, 15, 4358-4366.	0.9	56
38	A Simple Combustion Synthesis and Optical Studies of Magnetic $\text{ZnNiFe}_2\text{O}_4$ Nanostructures for Photoelectrochemical Applications. Journal of Nanoscience and Nanotechnology, 2015, 15, 4948-4960.	0.9	60
39	One-Pot Flash Combustion Synthesis, Structural, Morphological and Opto-Magnetic Properties of Spinel $\text{Mn}_x\text{Co}_{1-x}\text{Al}_2\text{O}_4$ ($x = 0, 0.3, \text{ and } 0.5$) Nanocatalysts. Journal of Superconductivity and Novel Magnetism, 2015, 28, 209-218.	0.8	56
40	Comparative Studies of Microwave- and Sol-Gel-Assisted Combustion Methods of Fe_3O_4 Nanostructures: Structural, Morphological, Optical, Magnetic, and Catalytic Properties. Journal of Superconductivity and Novel Magnetism, 2015, 28, 179-190.	0.8	62
41	A Novel One-Pot Combustion Synthesis and Opto-magnetic Properties of Magnetically Separable Spinel $\text{Mn}_x\text{Mg}_{1-x}\text{Fe}_2\text{O}_4$ ($0.0 \leq x \leq 0.5$) Nanophotocatalysts. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1405-1416.	0.8	138
42	A Novel and Facile Methodology for Synthesis of Coumarin Coupled Benzimidazole-2-Thione Compounds. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 494-502.	0.8	0
43	Magnetically Recyclable Spinel $\text{Mn}_x\text{Zn}_{1-x}\text{Fe}_2\text{O}_4$ ($0.0 \leq x \leq 0.5$) Nano-Photocatalysts. Advanced Science, Engineering and Medicine, 2015, 7, 33-46.	0.8	48
44	Synthesis, Spectral Characterization, and Antimicrobial Activities of Schiff Base Complexes Derived From 4-Aminoantipyrine. Spectroscopy Letters, 2014, 47, 518-526.	0.5	11
45	A Novel Approach for the Synthesis and Characterization Studies of Mn^{2+} -Doped CdS Nanocrystals by a Facile Microwave-Assisted Combustion Method. Journal of Superconductivity and Novel Magnetism, 2014, 27, 2725-2733.	0.8	50
46	A simple aloe vera plant-extracted microwave and conventional combustion synthesis: Morphological, optical, magnetic and catalytic properties of CoFe_2O_4 nanostructures. Journal of Molecular Structure, 2014, 1076, 188-200.	1.8	226
47	A Novel Synthesis, Structural, Morphological, and Opto-magnetic Characterizations of Magnetically Separable Spinel $\text{Co}_x\text{Mn}_{1-x}\text{Fe}_2\text{O}_4$ ($0 \leq x \leq 1$) Nano-catalysts. Journal of Superconductivity and Novel Magnetism, 2014, 27, 2841-2857.	0.8	124
48	SYNTHESIS OF NOVEL NANOSTRUCTURED LANTHANUM COBALT FERRITE MIXED METAL OXIDES BY SOL-GEL. International Journal of Nanoscience, 2013, 12, 1350007.	0.4	1
49	High temperature stability of Sr_2O_4 by SrF_2 -based emf method. Materials Letters, 2002, 57, 469-474.	1.3	5
50	A polymeric gel cum auto combustion method for the lower temperature synthesis of Sr_2O_4 ($R=Y, \text{ La}$). Tj ETQq0 0 0 rgBT /Overlock 10	1.3	29
51	Complete chemical control of stoichiometry of materials related to high T_c ceramics $\text{RBa}_2\text{Cu}_3\text{O}_7$ ($R=\text{rare earth}$). Physica C: Superconductivity and Its Applications, 1999, 323, 115-121.	0.6	9