

Messai Adenew Mamo

List of Publications by Year in descending order

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33
papers

760
citations

566801

15
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525886

27
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33
all docs

33
docs citations

33
times ranked

1304
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in lignin hydrogels and nanocomposites for water purification: Future perspectives. Vacuum, 2017, 146, 342-355.	1.6	138
2	Recent progress in gelatin hydrogel nanocomposites for water purification and beyond. Vacuum, 2017, 146, 396-408.	1.6	113
3	Nd,N,S-TiO ₂ Decorated on Reduced Graphene Oxide for a Visible Light Active Photocatalyst for Dye Degradation: Comparison to Its MWCNT/Nd,N,S-TiO ₂ Analogue. Industrial & Engineering Chemistry Research, 2014, 53, 14329-14338.	1.8	64
4	Polymer composite of poly(vinyl phenol)-reduced graphene oxide reduced by vitamin C in low energy consuming write-once-read-many times memory devices. Organic Electronics, 2013, 14, 175-181.	1.4	54
5	Improved electronic and magnetic properties of reduced graphene oxide films. Europhysics Letters, 2012, 97, 38001.	0.7	39
6	Cobalt-doped ZnS-reduced graphene oxide nanocomposite as an advanced photocatalytic material. Journal of Porous Materials, 2015, 22, 47-56.	1.3	35
7	Organic WORM memory with carbon nanoparticle/epoxy active layer. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	33
8	Palladium-decorated zinc sulfide/reduced graphene oxide nanocomposites for enhanced visible light-driven photodegradation of indigo carmine. Materials Science in Semiconductor Processing, 2015, 33, 119-126.	1.9	32
9	Simple write-once-read-many-times memory device based on a carbon sphere-poly(vinylphenol) composite. Organic Electronics, 2010, 11, 1858-1863.	1.4	27
10	Hydrostatic pressure sensor based on carbon sphere " polyvinyl alcohol composites. Organic Electronics, 2010, 11, 1736-1739.	1.4	22
11	Composites of Polyvinyl Alcohol and Carbon (Coils, Undoped and Nitrogen Doped Multiwalled) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Nanotechnology, 2011, 11, 10211-10218.	0.9	20
12	The OFF to ON switching time and ON state consolidation in write-once-read-many-times memory devices based on doped and undoped carbon-sphere/polymer composites. Thin Solid Films, 2012, 520, 4427-4431.	0.8	19
13	A surfactant dispersed N-doped carbon sphere-poly(vinyl alcohol) composite as relative humidity sensor. Journal of Materials Science: Materials in Electronics, 2015, 26, 4198-4201.	1.1	19
14	Nanocomposites of gold and poly(3-hexylthiophene) containing fullerene moieties: Synthesis, characterization and application in solar cells. Journal of Power Sources, 2012, 215, 99-108.	4.0	18
15	Nitrogen-doped, boron-doped and undoped multiwalled carbon nanotube/polymer composites in WORM memory devices. Nanotechnology, 2013, 24, 125203.	1.3	18
16	Synthesis and characterisation of dialkyltin 2,3-bis(diphenylphosphino)maleic acid adducts. Journal of Organometallic Chemistry, 2006, 691, 717-725.	0.8	14
17	Tubular shaped composites made from polythiophene covalently linked to Prato functionalized N-doped carbon nanotubes. Synthetic Metals, 2012, 162, 2307-2315.	2.1	12
18	Synthesis of phosphine stabilised group 11 1-azaallyl complexes; molecular structure of. Polyhedron, 2004, 23, 2273-2280.	1.0	9

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19	Electronic Detection of Drechslera sp. Fungi in Charentais Melon (Cucumis melo Naudin) Using Carbon-Nanostructure-Based Sensors. Journal of Agricultural and Food Chemistry, 2012, 60, 10420-10425.	2.4	9
20	A comparative study on hydrostatic pressure response of sensors based on N-doped, B-doped and undoped carbon-sphere poly (vinyl alcohol) composites. Journal of Materials Science: Materials in Electronics, 2012, 23, 1332-1337.	1.1	9
21	The In Vitro Antitumour Activity of Novel, Mitochondrial-Interactive, Gold-Based Lipophilic Cations. Metal-Based Drugs, 2008, 2008, 1-5.	3.8	7
22	Tristimulus mathematical treatment application for monitoring fungi infestation evolution in melon using the electrical response of carbon nanostructure-polymer composite based sensors. Sensors and Actuators B: Chemical, 2013, 188, 378-384.	4.0	7
23	The anti-tumour properties and biodistribution (as determined by the radiolabeled equivalent) of Au-compounds intended as potential chemotherapeutics. Applied Radiation and Isotopes, 2009, 67, 1370-1376.	0.7	6
24	Undoped, nitrogen-doped and boron-doped multiwalled carbon nanotube/poly(vinyl alcohol) composite as active layer in simple hydrostatic pressure sensors. Journal of Materials Science: Materials in Electronics, 2013, 24, 3995-4000.	1.1	6
25	Synthesis of C60-containing Polymers by Ring-opening Metathesis Co-polymerization of a C60-cyclopentadiene Cycloadduct and N-(cycloheptyl)-endo-norbornene-5,6-dicarboximide and their Application in a Photovoltaic Device. Fullerenes Nanotubes and Carbon Nanostructures, 2013, 21, 198-212.	1.0	6
26	Epoxy resin in organic WORM memories: From capsuling to the active layer. Organic Electronics, 2016, 34, 57-66.	1.4	6
27	Functionalized Spherical Carbon Nanostructure/Poly(vinylphenol) Composites for Application in Low Power Consumption Write-Once-Read-Many Times Memories. Journal of Nanoscience and Nanotechnology, 2013, 13, 5680-5686.	0.9	4
28	Synthesis and characterization of mesoporous titania using a synthetic (Pluronic P123) and a natural (Gum Arabic) templating agent. Materials Today: Proceedings, 2018, 5, 10585-10591.	0.9	4
29	DFT Study of Skutterudite CoSb_3 and $\text{In}_{0.2}\text{Co}_4\text{Sb}_{12}$ Thermoelectric Heterostructures with 2D-WSe_2 . ChemistrySelect, 2018, 3, 9336-9347.	0.7	3
30	The effects of two-dimensional TiSe_2 on the thermoelectric, electronic and optical response of $\text{Yb}_{14}\text{MnSb}_{11}/\text{AlSb}_9\text{Yb}_{11}$ heterostructures – A theoretical study. Journal of Molecular Graphics and Modelling, 2019, 86, 179-191.	1.3	3
31	A DFT study of two-dimensional CdS/TiS_2 on isotropic chalcogenide AgSbTe_2 thermoelectric material: Electronic charge transfer and optical properties. Current Applied Physics, 2022, 40, 50-61.	1.1	2
32	A first-principles study of half-Heusler intermetallic compound MgAgAs with $2\text{D-TiC}/2\text{D-Mo}_2\text{TiC}$ composite material. Theoretical Chemistry Accounts, 2018, 137, 1.	0.5	1
33	Stacked Multilayer Organic WORM Memory with Epoxy Resin and Carbon Nanospheres. Journal of Electronic Materials, 2020, 49, 5600-5605.	1.0	1