

Methat A Ibrahim

List of Publications by Citations

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138
papers

2,228
citations

24
h-index

39
g-index

164
ext. papers

2,632
ext. citations

2.2
avg, IF

5.63
L-index

#	Paper	IF	Citations
138	Analysis of the structure and vibrational spectra of glucose and fructose. <i>Eletica Quimica</i> , 2006 , 31, 15-216	2.16	204
137	Removal of Cd(II) and Pb(II) from aqueous solution using dried water hyacinth as a biosorbent. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 96, 413-20	4.4	85
136	Preparation and Characterization of Microwave Reduced Graphite Oxide for High-Performance Supercapacitors. <i>Electrochimica Acta</i> , 2014 , 150, 269-278	6.7	82
135	Molecular modeling, FTIR spectral characterization and mechanical properties of carbonated-hydroxyapatite prepared by mechanochemical synthesis. <i>Materials Chemistry and Physics</i> , 2017 , 190, 209-218	4.4	67
134	Sandwich-like composites of double-layer Co ₃ O ₄ and reduced graphene oxide and their sensing properties to volatile organic compounds. <i>Journal of Alloys and Compounds</i> , 2019 , 793, 24-30	5.7	65
133	Computational Notes on the Reactivity of Some Functional Groups. <i>Journal of Computational and Theoretical Nanoscience</i> , 2009 , 6, 1523-1526	0.3	56
132	Spectroscopic Analyses of Cellulose and Chitosan: FTIR and Modeling Approach. <i>Journal of Computational and Theoretical Nanoscience</i> , 2011 , 8, 117-123	0.3	48
131	ZnO-Reduced Graphene Oxide Composites Sensitized with Graphitic Carbon Nitride Nanosheets for Ethanol Sensing. <i>ACS Applied Nano Materials</i> , 2019 , 2, 2734-2742	5.6	47
130	Tuning electronic properties in graphene quantum dots by chemical functionalization: Density functional theory calculations. <i>Chemical Physics Letters</i> , 2018 , 695, 138-148	2.5	46
129	Computational spectroscopic study of copper, cadmium, lead and zinc interactions in the environment. <i>International Journal of Environment and Pollution</i> , 2005 , 23, 417	0.7	42
128	Application of Cu ₂ O-doped phosphate glasses for bandpass filter. <i>Physica B: Condensed Matter</i> , 2014 , 449, 251-254	2.8	40
127	Synthesis of Fe ₂ O ₃ concentrations and sintering temperature on FTIR and magnetic susceptibility measured from 4 to 300K of monolith silica gel prepared by sol-gel technique. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 306, 211-217	2.8	40
126	Molecular spectroscopic study for suggested mechanism of chrome tanned leather. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 88, 171-6	4.4	39
125	Effect of sintering temperatures on the in vitro bioactivity, molecular structure and mechanical properties of titanium/carbonated hydroxyapatite nanobiocomposites. <i>Journal of Molecular Structure</i> , 2017 , 1150, 188-195	3.4	39
124	Molecular spectroscopic analysis of nano-chitosan blend as biosensor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010 , 77, 802-6	4.4	38
123	Molecular spectroscopic study of river Nile sediment in the greater Cairo region. <i>Applied Spectroscopy</i> , 2008 , 62, 306-11	3.1	38
122	Preparation, purification and characterization of high purity multi-wall carbon nanotube. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 132, 594-8	4.4	32

121	Chitosan/graphene oxide composite as an effective removal of Ni, Cu, As, Cd and Pb from wastewater. <i>Computational and Theoretical Chemistry</i> , 2020 , 1189, 112980	2	31
120	Influence of the addition of carbonated hydroxyapatite and selenium dioxide on mechanical properties and in vitro bioactivity of borosilicate inert glass. <i>Ceramics International</i> , 2018 , 44, 20677-20685	5.1	30
119	Fullerene derivative as anti-HIV protease inhibitor: molecular modeling and QSAR approaches. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012 , 12, 447-51	3.2	30
118	Modified iron doped polyaniline/sulfonated carbon nanotubes for all symmetric solid-state supercapacitor. <i>Synthetic Metals</i> , 2017 , 233, 41-51	3.6	28
117	A novel structure for removal of pollutants from wastewater. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 121, 216-23	4.4	28
116	First principles study of the adsorption of hydrated heavy metals on graphene quantum dots. <i>Journal of Physics and Chemistry of Solids</i> , 2019 , 130, 32-40	3.9	27
115	Distribution and bacterial bioavailability of selected metals in sediments of Ismailia Canal, Egypt. <i>Journal of Hazardous Materials</i> , 2009 , 168, 1012-6	12.8	27
114	Magnetic Graphene Oxide as an Efficient Adsorbent for the Separation and Preconcentration of Cu(II), Pb(II), and Cd(II) from Environmental Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2017 , 100, 1544-1550	1.7	24
113	FTIR Spectral Characterization, Mechanical Properties and Antimicrobial Properties of La-Doped Phosphate-Based Bioactive Glasses. <i>Silicon</i> , 2018 , 10, 1151-1159	2.4	24
112	Molecular spectroscopic analyses of gelatin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011 , 81, 724-9	4.4	24
111	Structural and electronic properties of new fullerene derivatives and their possible application as HIV-1 protease inhibitors. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010 , 75, 702-9	4.4	24
110	First principles study of edge carboxylated graphene quantum dots. <i>Physica B: Condensed Matter</i> , 2018 , 537, 77-86	2.8	23
109	Preparation, Fourier Transform Infrared Characterization and Mechanical Properties of Hydroxyapatite Nanopowders. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 2409-2415	0.3	23
108	Carbon nano materials as gas sensors. <i>Materials Today: Proceedings</i> , 2016 , 3, 2483-2492	1.4	22
107	Biocompatibility, physico-chemical and mechanical properties of hydroxyapatite-based silicon dioxide nanocomposites for biomedical applications. <i>Ceramics International</i> , 2020 , 46, 23599-23610	5.1	21
106	In vitro bioactivity, physical and mechanical properties of carbonated-fluoroapatite during mechanochemical synthesis. <i>Ceramics International</i> , 2018 , 44, 21323-21329	5.1	21
105	In vitro bioactivity evaluation, antimicrobial behavior and mechanical properties of cerium-containing phosphate glasses. <i>Materials Research Express</i> , 2019 , 6, 075212	1.7	20
104	Microwave-assisted synthesis of novel 5-aminouracil-based compound with DFT calculations. <i>Journal of Molecular Structure</i> , 2019 , 1194, 211-226	3.4	20

103	On the spectroscopic analyses of (E)-3-(dicyclopropyl methylene)-dihydro-4-[1-(2,5-dimethylfuran-3-yl) ethylidene]furan-2,5-dione. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 87, 202-8	4.4	20
102	Sorbent extraction of Pb(II), Cu(II), Ni(II), and Fe(III) ions as 2-(5-bromo-2-pyridylazo)-5-diethylamino-phenol chelates on single-walled carbon nanotube disks prior to their flame atomic absorption spectrometric determinations in animal feeds and natural water samples. <i>Journal of AOAC INTERNATIONAL</i> , 2012 , 95, 1205-10	1.7	20
101	On the spectroscopic analyses of thioindigo dye. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 113, 332-6	4.4	19
100	Influence of the grain size on the quality of standardless WDXRF analysis of river Nile sediments. <i>Microchemical Journal</i> , 2011 , 99, 356-363	4.8	19
99	Preparation of polypyrrole-decorated MnO ₂ /reduced graphene oxide in the presence of multi-walled carbon nanotubes composite for high performance asymmetric supercapacitors. <i>Physica B: Condensed Matter</i> , 2019 , 556, 66-74	2.8	19
98	In vitro bioactivity, molecular structure and mechanical properties of zirconia-carbonated hydroxyapatite nanobiocomposites sintered at different temperatures. <i>Materials Chemistry and Physics</i> , 2020 , 239, 122011	4.4	19
97	FT-IR spectroscopic analyses of 3-Methyl-5-Pyrazolone (MP). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 111, 37-41	4.4	18
96	Structural and optical study of nanostructure of 4-cyanopyranoquinolinedione (CPQ) thin films. <i>Optical Materials</i> , 2017 , 72, 122-129	3.3	17
95	Modeling and Optical Properties of P ₂ O ₅ /ZnO/CaO/Na ₂ O Glasses Doped with Copper Oxide. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014 , 11, 2079-2084	0.3	17
94	Stability and electronic properties of edge functionalized silicene quantum dots: A first principles study. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2019 , 108, 339-346	3	16
93	Molecular spectroscopic study of acid treated fenugreek seeds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010 , 77, 1034-8	4.4	16
92	Mapping molecular electrostatic potential (MESP) for fulleropyrrolidine and its derivatives. <i>Optical and Quantum Electronics</i> , 2020 , 52, 1	2.4	16
91	Computational notes on structural, electronic and QSAR properties of [C60]fulleropyrrolidine-1-carbodithioic acid 2; 3 and 4-substituted-benzyl esters. <i>Computational and Theoretical Chemistry</i> , 2007 , 809, 131-136		15
90	The Electronic and Quantitative Structure Activity Relationship Properties of Modified Telaprevir Compounds as HCV NS3 Protease Inhibitors. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014 , 11, 544-548	0.3	14
89	On the Structural Analysis and Electronic Properties of Chitosan/Hydroxyapatite Interaction. <i>Journal of Computational and Theoretical Nanoscience</i> , 2009 , 6, 1663-1669	0.3	14
88	Effectiveness of a new green technology for metal removal from contaminated water. <i>Microchemical Journal</i> , 2019 , 147, 1010-1020	4.8	13
87	Effect of zinc oxide on the electronic properties of carbonated hydroxyapatite. <i>Journal of Molecular Structure</i> , 2017 , 1147, 148-154	3.4	13
86	Spectroscopic Analyses of Cellulose: Fourier Transform Infrared and Molecular Modelling Study. <i>Journal of Computational and Theoretical Nanoscience</i> , 2009 , 6, 1054-1058	0.3	13

85	Hexapeptide functionality of cellulose as NS3 protease inhibitors. <i>Medicinal Chemistry</i> , 2012 , 8, 826-30	1.8	13
84	Spectroscopic study of the interaction of heavy metals with organic acids. <i>International Journal of Environment and Pollution</i> , 2008 , 35, 99	0.7	13
83	ChalcanthreneFullerene complexes: A theoretical study. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 216-220	2.3	13
82	Functionalization of graphene quantum dots (GQDs) with chitosan biopolymer for biophysical applications. <i>Optical and Quantum Electronics</i> , 2020 , 52, 1	2.4	13
81	Hydrothermal Synthesis of CNTs/Co3O4@rGO Mesoporous Nanocomposite as a Room Temperature Gas Sensor for VOCs. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019 , 29, 416-422	3.2	13
80	Spectroscopic analyses of the photocatalytic behavior of nano titanium dioxide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 136 Pt B, 504-9	4.4	12
79	Probing protein rejection behavior of blended PES-based flat-sheet ultrafiltration membranes: A density functional theory (DFT) study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 238, 118399	4.4	12
78	Molecular docking investigation of the binding interactions of macrocyclic inhibitors with HCV NS3 protease and its mutants (R155K, D168A and A156V). <i>Protein Journal</i> , 2014 , 33, 32-47	3.9	12
77	Graphene Foam Decorated With ZnO as a Humidity Sensor. <i>IEEE Sensors Journal</i> , 2020 , 20, 1721-1729	4	12
76	Dense alumina-based carbonated fluorapatite nanobiocomposites for dental applications. <i>Materials Chemistry and Physics</i> , 2021 , 257, 123264	4.4	12
75	Spectroscopic analyses of pollutants in water, sediment and fish. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012 , 97, 771-7	4.4	11
74	Experimental and theoretical studies of some propiolate esters derivatives. <i>Journal of Molecular Structure</i> , 2021 , 1236, 130281	3.4	11
73	Europium-Doped Tellurite Glasses: The Eu Emission in Tellurite, Adjusting Eu and Eu Emissions toward White Light Emission. <i>Materials</i> , 2019 , 12,	3.5	11
72	Theoretical Study on Modified Boceprevir Compounds as NS3 Protease Inhibitors. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 371-375	0.3	10
71	Spectroscopic Analyses of Chitosan Interactions with Amino Acids. <i>Journal of Computational and Theoretical Nanoscience</i> , 2012 , 9, 1120-1124	0.3	10
70	Spectroscopic analyses and genotoxicity of dioxins in the aquatic environment of Alexandria. <i>Marine Pollution Bulletin</i> , 2018 , 127, 618-625	6.7	9
69	Structure and absolute configuration of some 5-chloro-2-methoxy-N-phenylbenzamide derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 188, 213-221	4.4	9
68	Theoretical investigation of 3'-substituted-2'-3'-dideoxythymidines related to AZT. SAR, infrared and substituent electronic effect studies. <i>Arkivoc</i> , 2008 , 2008, 255-265	0.9	9

67	Spectroscopic and thermal analyses for the effect of acetic acid on the plasticized sodium carboxymethyl cellulose. <i>Journal of Molecular Structure</i> , 2021 , 1224, 129013	3-4	9
66	Configuration and molecular structure of 5-chloro-N-(4-sulfamoylbenzyl) salicylamide derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 214, 476-486	4-4	8
65	Computational Notes on Fullerene Based System as HIV-1 Protease Inhibitors. <i>Journal of Computational and Theoretical Nanoscience</i> , 2010 , 7, 224-227	0-3	8
64	Molecular Modeling and FTIR Study for K, Na, Ca and Mg Coordination with Organic Acid. <i>Journal of Computational and Theoretical Nanoscience</i> , 2009 , 6, 682-685	0-3	8
63	Mechanism of Pollution Control for Aquatic Plant Water Hyacinth~!2009-11-20~!2010-01-01~!2010-04-09~!. <i>The Open Spectroscopy Journal</i> , 2010 , 4, 10-15		8
62	Effect of Physical and Chemical Treatments on the Electrical and Structural Properties of Water Hyacinth~!2010-05-18~!2010-07-26~!2010-09-03~!. <i>The Open Spectroscopy Journal</i> , 2010 , 4, 32-40		8
61	Theoretical investigation on hydrogen bond interaction between adrenaline and hydrogen sulfide. <i>Journal of Molecular Modeling</i> , 2020 , 26, 354	2	8
60	Spectroscopic analyses of iron doped protonated polyaniline/graphene oxide system. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 216, 349-358	4-4	7
59	Preparation and Characterization of Novel Polyaniline Nanosensor for Sensitive Detection of Formaldehyde. <i>Recent Patents on Nanotechnology</i> , 2015 , 9, 195-203	1-2	7
58	A combination of analytical methods to evaluate the effect of humidity aging on the painting materials of icon models. <i>Vibrational Spectroscopy</i> , 2020 , 107, 103010	2-1	7
57	Spectroscopic analyses of soil samples outside Nile Delta of Egypt. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016 , 168, 244-252	4-4	7
56	Low Cost Alcoholic Breath Sensor Based on SnO ₂ Modified with CNTs and Graphene. <i>Journal of the Korean Physical Society</i> , 2018 , 73, 1437-1443	0-6	7
55	Computational Approaches to Study Peptidomimetic and Macrocyclic Hepatitis C Virus NS3 Protease Inhibitors. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 52-59	0-3	6
54	Fullerene as Sensor for Halides: Modeling Approach. <i>Journal of Computational and Theoretical Nanoscience</i> , 2013 , 10, 2026-2028	0-3	6
53	A Novel Model for Chitosan/Hydroxyapatite Interaction. <i>Quantum Matter</i> , 2013 , 2, 234-237		6
52	QSAR analysis and molecular docking simulation of suggested peptidomimetic NS3 protease inhibitors. <i>Current Computer-Aided Drug Design</i> , 2014 , 10, 28-40	1-4	6
51	Modified Ziziphus spina-christi stones as green route for the removal of heavy metals. <i>Scientific Reports</i> , 2020 , 10, 20557	4-9	5
50	Computational Studies of the Interaction of Chitosan Nanoparticles and B-Crystallin. <i>BioNanoScience</i> , 2013 , 3, 302-311	3-4	5

49	Design and Development of Some Viral Protease Inhibitors by QSAR and Molecular Modeling Studies 2017 , 25-58		5
48	The Mathematical Model of Reflection and Refraction of Plane Quasi-Vertical Transverse Waves at Interface Nano-Composite Smart Material. <i>Journal of Computational and Theoretical Nanoscience</i> , 2011 , 8, 1193-1202	0.3	5
47	Effect of Hydrated Dioxin on the Physical and Geometrical Parameters of Some Amino Acids. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 2405-2408	0.3	5
46	SnO ₂ as a Gas Sensor: Modeling and Spectroscopic Approach. <i>Sensor Letters</i> , 2009 , 7, 530-534	0.9	5
45	Novel Composite for Lead Ions Removal from Wastewater. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 5735-5742	0.3	4
44	Development of Natural Blends for Removal of Organic Pollutants. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014 , 11, 1891-1898	0.3	4
43	Molecular Spectroscopic Study of Fulleropyrrolidine Carbodithioic Acid. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014 , 11, 2136-2140	0.3	4
42	Interaction of Nano Structure Material with Heme Molecule: Modelling Approach. <i>Journal of Computational and Theoretical Nanoscience</i> , 2012 , 9, 901-905	0.3	4
41	QSAR Properties of Novel Peptidomimetic NS3 Protease Inhibitors. <i>Journal of Computational and Theoretical Nanoscience</i> , 2013 , 10, 785-788	0.3	4
40	Computational Notes on the Effect of Sodium Substitution on the Physical Properties of Fullerene. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 4114-4117	0.3	4
39	The Influence of Moisture on the Electronic Properties of Monomer, Dimer, Trimer and Emeraldine Base Sodium Carboxymethyl Cellulose. <i>Egyptian Journal of Chemistry</i> , 2019 , 62, 8-10	2	4
38	DNA Hybridization on Chitosan-Functionalized Silicon Substrate. <i>Medicinal Chemistry</i> , 2016 , 12, 464-71	1.8	4
37	Experimental and theoretical investigations on fouling resistant cellulose acetate/SiO ₂ NPs/PEDOT ultrafiltration nanocomposite membranes. <i>Journal of Cleaner Production</i> , 2021 , 324, 129288	10.3	4
36	Molecular modeling analyses for graphene functionalized with FeO and NiO. <i>Heliyon</i> , 2020 , 6, e04456	3.6	4
35	Studies on hydrogen bonding of adrenaline/acetone and adrenaline/methanol complexes: computational and experimental approach. <i>Structural Chemistry</i> , 2021 , 32, 2115	1.8	4
34	Optical, conductivity and dielectric properties of plasticized solid polymer electrolytes based on blends of sodium carboxymethyl cellulose and polyethylene oxide. <i>Optical and Quantum Electronics</i> , 2021 , 53, 1	2.4	4
33	Nanocomposites of ZnO Nanorods In-Situ Grown on Graphitic Carbon Nitride for Ethanol Sensing. <i>IEEE Sensors Journal</i> , 2020 , 20, 11097-11104	4	3
32	On the Molecular Modeling Analyses of Novel HIV-1 Protease Inhibitors Based on Modified Chitosan Dimer. <i>International Journal of Spectroscopy</i> , 2015 , 2015, 1-9		3

31	Reflection and Refraction of Waves in Nano-Smart Materials: Anisotropic Thermo-Piezoelectric Materials. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014 , 11, 715-726	0.3	3
30	Effect of Divalent Metals on the Molecular Structure of Protein: Modeling and Spectroscopic Approaches. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014 , 11, 1081-1085	0.3	3
29	Molecular Modelling Analyses of the Substituted 3'-Azido-2',3'-Dideoxythymidine. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014 , 11, 409-412	0.3	3
28	Structural and Electronic Properties of C60X6 (X = F, Cl, Br and I). A Theoretical Study. <i>Journal of Computational and Theoretical Nanoscience</i> , 2008 , 5, 2247-2251	0.3	3
27	Spectroscopic analysis of C80 doping with group III and group V elements using semiempirical PM3 molecular modelling technique. <i>Eletica Quimica</i> , 2008 , 33, 21-27	2.6	3
26	Interaction of Small Molecules with Diatomic ZnO: Density Functional Theory Investigation. <i>Sensor Letters</i> , 2011 , 9, 1750-1754	0.9	3
25	Modeling the Interaction Between Metal Oxide/Carbon Nanotube and Ethanol. <i>Sensor Letters</i> , 2017 , 15, 604-607	0.9	3
24	Development of natural polymer/metal oxide nanocomposite reinforced with graphene oxide for optoelectronic applications. <i>NRIAG Journal of Astronomy and Geophysics</i> , 2021 , 10, 10-22	0.9	3
23	Investigation of painting technique of Coptic icon by integrated analytical methods: imaging, spectroscopic and chemometric methods. <i>Journal of Archaeological Science: Reports</i> , 2020 , 29, 102085	0.7	3
22	Application of polyvinyl alcohol/polypropylene/zinc oxide nanocomposites as sensor: modeling approach. <i>Optical and Quantum Electronics</i> , 2021 , 53, 1	2.4	3
21	Characterization of the mechanical and structural properties of PGA/TMC copolymer for cardiac tissue engineering. <i>Microscopy Research and Technique</i> , 2021 , 84, 1596-1606	2.8	3
20	Mathematical Analysis of the Reflection Phenomenon of Longitudinal Waves at Nano Anisotropic Thermo-Piezoelectric Medium. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014 , 11, 2329-2338	0.3	2
19	On the Spectroscopic Analyses of Protein. <i>Journal of Computational and Theoretical Nanoscience</i> , 2013 , 10, 2375-2379	0.3	2
18	Effect of Metal Substitution on the Electronic Properties of Fullerene and Fullero-pyrrolidine. <i>Journal of Computational and Theoretical Nanoscience</i> , 2010 , 7, 536-541	0.3	2
17	Vertical Distribution of Major and Trace Elements in a Soil Profile from the Nile Delta, Egypt. <i>Ecological Chemistry and Engineering S</i> , 2020 , 27, 281-294	1.3	2
16	Application of natural polymers enhanced with ZnO and CuO as humidity sensor. <i>NRIAG Journal of Astronomy and Geophysics</i> , 2020 , 9, 586-597	0.9	2
15	Effect of ZnO and TiO ₂ on the Reactivity of Some Polymers. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 2838-2843	0.3	1
14	Computational Notes on the Effect of Substitution on Fullerene. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 4118-4120	0.3	1

13	On the Molecular Modelling Structure of the Egyptian Soil/Sediment in River Nile Delta Region. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 4133-4136	0.3	1
12	Molecular Modeling Analyses of Modified Polyvinylalchol/Hydroxyapatite Composite. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 2298-2301	0.3	1
11	Biosorption of Zinc(II) and Cadmium(II) Using Ziziphus Spina Stones. <i>Journal of Computational and Theoretical Nanoscience</i> , 2018 , 15, 3102-3108	0.3	1
10	Studying the humidity sensing behavior of MWCNTs boosted with Co ₃ O ₄ nanorods. <i>Diamond and Related Materials</i> , 2021 , 121, 108754	3.5	1
9	Green Route for the Removal of Pb from Aquatic Environment. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2020 , 23, 587-598	1.3	1
8	Two-dimensional Si ₂ BN nanoflakes for efficient removal of heavy metals. <i>Chemical Physics Letters</i> , 2021 , 772, 138568	2.5	1
7	A comprehensive analytical approach for monitoring the physico-chemical changes of the paintings after exposure to environmental risks. <i>Spectroscopy Letters</i> , 2021 , 54, 14-25	1.1	1
6	Effect of substitutions on the electronic properties of acetylsalicylic acid. <i>Optical and Quantum Electronics</i> , 2021 , 53, 1	2.4	1
5	Duckweed-lemna minor as green route for removal of chromium (VI) from aqueous solution. <i>International Journal of Environmental Research</i> , 2021 , 15, 275-284	2.9	1
4	Electronic and physical studies for Teflon FEP as a thermal control in low earth orbit reinforced with ZnO and SiO nanoparticles. <i>Journal of Molecular Modeling</i> , 2021 , 27, 295	2	1
3	Investigate the degradable behavior of a poly (glycolide-co-trimethylene carbonate) suture material used in a vascular surgery. <i>Polymer Bulletin</i> , 1	2.4	0
2	First Principles Investigation of Electronic Properties of Hf, Ag, Cd, Zn, Ce, Nd, Sm-Modified Lead Zirconate Titanate. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 7661-7665	0.3	0
1	Role of Carboxyl Group in the Coordination of Metals in Organic Structures. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 2341-2344	0.3	