

Mustapha Bencharif

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

240
citations

7
h-index

15
g-index

21
ext. papers

259
ext. citations

3.1
avg, IF

2.72
L-index

#	Paper	IF	Citations
21	Preparations, x-ray crystal structures, EH band calculations, and physical properties of [(TTF) ₆ (H)(XM ₁₂ O ₄₀)(Et ₄ N)] (M = tungsten, molybdenum; X = phosphorus, silicon): evidence of electron transfer between organic donors and polyoxometalates. <i>Chemistry of Materials</i> , 1992 , 4, 666-674	9.6	78
20	Time-dependent density functional study of UV-visible absorption spectra of small noble metal clusters (Cu, Ag, Au, n = 20). <i>RSC Advances</i> , 2014 , 4, 13001	3.7	36
19	Experimental and theoretical study on DPPH radical scavenging mechanism of some chalcone quinoline derivatives. <i>Journal of Molecular Structure</i> , 2018 , 1156, 385-389	3.4	22
18	Copper(II) and zinc(II) as metal-carboxylate coordination complexes based on (1-methyl-1H-benzo[d]imidazol-2-yl) methanol derivative: Synthesis, crystal structure, spectroscopy, DFT calculations and antioxidant activity. <i>Journal of Molecular Structure</i> , 2018 , 1160, 406-414	3.4	19
17	Charge transfer salts obtained with organic donors (TTF, TMTTF, TMTSF, and BEDT-TTF) and tetracyanometallate planar dianions [M(CN) ₄] ²⁻ (M = PtII, NiII). <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 1038-1041		18
16	Electron-Sponge Behavior, Reactivity and Electronic Structures of Cobalt-Centered Cubic Co ₉ Te ₆ (CO) ₈ Clusters. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 1959-1968	2.3	14
15	Structure of tris(3,3',4,4'-tetramethyl-2,2',5,5'-tetraselenafulvalenium) phosphododecatungstate: (TMTSF) ₃ PW ₁₂ O ₄₀ . <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1991 , 47, 2670-2672		8
14	Cobalt(II) complexes based on (1-methyl-1H-benzo[d]imidazol-2-yl) methanol derivative: synthesis, crystal structure, spectroscopy, DFT calculations, and antioxidant activity. <i>Journal of Coordination Chemistry</i> , 2018 , 71, 311-328	1.6	7
13	Hypothetical Hypercloso Octahedral M ₄ N ₂ Clusters: A New Mode of Dinitrogen Coordination?. <i>Journal of Cluster Science</i> , 2007 , 18, 729-740	3	7
12	Synthesis, X-ray crystal structures, electrochemistry and theoretical investigation of a tetradentate nickel and copper Schiff base complexes. <i>Journal of Molecular Structure</i> , 2017 , 1148, 238-246	3.4	6
11	Synthesis and structural characterization of (C ₁₄ H ₁₆ N ₂) ₃ (C ₁₄ H ₁₇ N ₂) ₂ [Mo ₈ O ₂₆]. <i>Journal of Chemical Sciences</i> , 2015 , 127, 1769-1775	1.8	5
10	Electrochemical synthesis and physicochemical properties of new conjugated polymers based on fluorene. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 857, 113708	4.1	4
9	Click 1,2,3-triazole derived fluorescent scaffold by mesoionic carbene-ene cyclization: an experimental and theoretical study. <i>New Journal of Chemistry</i> , 2018 , 42, 18969-18978	3.6	4
8	Dinuclear Hg(II) complex of new benzimidazole-based Schiff base: one-pot synthesis, crystal structure, spectroscopy, and theoretical investigations. <i>Journal of Coordination Chemistry</i> , 2019 , 72, 3156-3170	1.6	3
7	Ammonium tris-(tetra-ethyl-ammonium) hexa-cosa-oxidocta-molybdate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, m474-5		3
6	Binding Affinities and Protein Ligand Complex Geometries of Some Quinolylaryl α,β -unsaturated Ketones. <i>Journal of Health Science</i> , 2011 , 57, 397-400		2
5	Theoretical study of the bonding in [(C ₅ Me ₅) ₂ Sm] ₂ [X ₂] (X=Bi, N and NH). <i>Computational and Theoretical Chemistry</i> , 2004 , 709, 109-115		2

4	Synthesis, antioxidant, and anti-tyrosinase activity of some aromatic oximes: an experimental and theoretical study. <i>Journal of Reports in Pharmaceutical Sciences</i> , 2019 , 8, 195	0.4	1
3	Synthesis, experimental and theoretical antiradical activity assessment of some azomethines and phenylhydrazones. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	1
2	New Cd(II) complex derived from (1-methylimidazol-2-yl)methanol: synthesis, crystal structure, spectroscopic study, DFT and TD-DFT calculations, antimicrobial activity and free-radical scavenging capacity. <i>Journal of Molecular Structure</i> , 2022 , 1257, 132583	3.4	0
1	DFT and TD-DFT Study of Structure and Properties of Semiconductive Hybrid Networks Formed by Bismuth Halides and Different Polycyclic Aromatic Ligands. <i>E-Journal of Chemistry</i> , 2011 , 8, S195-S202		