

Bassam I El-Eswed

List of Publications by Year in descending order

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36
papers

1,287
citations

516710

16
h-index

414414

32
g-index

37
all docs

37
docs citations

37
times ranked

1604
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption characteristics of natural zeolites as solid adsorbents for phenol removal from aqueous solutions: Kinetics, mechanism, and thermodynamics studies. <i>Chemical Engineering Journal</i> , 2011, 171, 1143-1149.	12.7	417
2	Efficiency and mechanism of stabilization/solidification of Pb(II), Cd(II), Cu(II), Th(IV) and U(VI) in metakaolin based geopolymers. <i>Applied Clay Science</i> , 2017, 140, 148-156.	5.2	139
3	Stabilization/solidification of heavy metals in kaolin/zeolite based geopolymers. <i>International Journal of Mineral Processing</i> , 2015, 137, 34-42.	2.6	119
4	The influence of using Jordanian natural zeolite on the adsorption, physical, and mechanical properties of geopolymers products. <i>Journal of Hazardous Materials</i> , 2009, 165, 379-387.	12.4	92
5	Adsorption of humic acid on bentonite. <i>Applied Clay Science</i> , 2007, 38, 51-56.	5.2	70
6	The effect of pH on the adsorption of phenol and chlorophenols onto natural zeolite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 334, 92-99.	4.7	56
7	Adsorption of Cu(II) and Ni(II) on solid humic acid from the Azraq area, Jordan. <i>Journal of Colloid and Interface Science</i> , 2006, 299, 497-503.	9.4	54
8	Immobilization of toxic inorganic anions (CrO ₄ ²⁻ , MnO ₄ ⁻ and Fe(CN) ₆ ³⁻) in metakaolin based geopolymers: A preliminary study. <i>Ceramics International</i> , 2018, 44, 5613-5620.	4.8	40
9	Chemical evaluation of immobilization of wastes containing Pb, Cd, Cu and Zn in alkali-activated materials: A critical review. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104194.	6.7	37
10	Adsorption of Cu(II), Ni(II), Zn(II), Cd(II) and Pb(II) onto Kaolin/Zeolite Based- Geopolymers. <i>Advances in Materials Physics and Chemistry</i> , 2012, 02, 119-125.	0.7	35
11	Preparation of Chito-Oligomers by Hydrolysis of Chitosan in the Presence of Zeolite as Adsorbent. <i>Marine Drugs</i> , 2016, 14, 43.	4.6	26
12	Reactions of Sulfenic Acid with 2-Mercaptoethanol: A Mechanism for the Inhibition of Gastric (H ⁺ -ATPase)-Adenosine Triphosphate by Omeprazole. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 196-208.	3.3	20
13	Alkali solid-state conversion of kaolin and zeolite to effective adsorbents for removal of lead from aqueous solution. <i>Desalination and Water Treatment</i> , 2009, 8, 124-130.	1.0	20
14	An in vitro investigation on acid catalyzed reactions of proton pump inhibitors in the absence of an electrophile. <i>International Journal of Pharmaceutics</i> , 2006, 323, 110-116.	5.2	18
15	Degree of reactivity of two kaolinitic minerals in alkali solution using zeolitic tuff or silica sand filler. <i>Ceramics International</i> , 2012, 38, 5061-5067.	4.8	18
16	Development of functional geopolymers for water purification, and construction purposes. <i>Journal of Saudi Chemical Society</i> , 2016, 20, S85-S92.	5.2	18
17	Transition Metal Complexes of Schiff Base Ligands Prepared from Reaction of Aminobenzothiazole with Benzaldehydes. <i>Inorganics</i> , 2022, 10, 43.	2.7	15
18	Solvent Extraction of Li ⁺ using Organophosphorus Ligands in the Presence of Ammonia. <i>Separation Science and Technology</i> , 2014, 49, 1342-1348.	2.5	13

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19	Adsorption Behavior of Chlorophenols on Natural Zeolite. <i>Separation Science and Technology</i> , 2007, 42, 3187-3197.	2.5	10
20	Solidification Versus Adsorption for Immobilization of Pollutants in Geopolymeric Materials: A Review. , 2018, , .		8
21	Synthesis and characterization of water-soluble palladium(II)-functionalized diphosphine complexes. <i>Polyhedron</i> , 2009, 28, 1393-1398.	2.2	7
22	Immobilization of organic dyes in geopolymeric cementing material. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2018, 10, 351-359.	2.9	7
23	Kinetics of acid degradation of proton pump inhibitors in the presence of a thiol. <i>International Journal of Chemical Kinetics</i> , 2009, 41, 498-506.	1.6	6
24	Adsorption of cationic and anionic organic dyes on SiO ₂ /CuO composite. , 0, 169, 383-394.		6
25	Lead and Tin in Arabic Alchemy. <i>Arabic Sciences and Philosophy</i> , 2002, 12, 139-153.	0.1	5
26	Evidences for Chelating Complexes of Lithium with Phenylphosphinic and Phenylphosphonic Acids: A Spectroscopic and DFT Study. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014, 189, 558-575.	1.6	5
27	Effect of basicity and hydrophobicity of amines on their adsorption onto charcoal. <i>Desalination and Water Treatment</i> , 2016, 57, 19227-19238.	1.0	4
28	Aluminosilicate Inorganic Polymers (Geopolymers): Emerging Ion Exchangers for Removal of Metal Ions. , 2019, , 65-93.		4
29	Kinetics of omeprazole degradation in the presence of 2-mercaptoethanol. <i>International Journal of Chemical Kinetics</i> , 2008, 40, 352-358.	1.6	3
30	Crown ether molecular complexes with urea and thiourea. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1996, 24, 325-340.	1.6	2
31	Infrared Spectral Study of Crown Ether Molecular Complexes with 4-Nitroaniline. <i>Spectroscopy Letters</i> , 1997, 30, 527-534.	1.0	2
32	SPIRITS: THE REACTIVE SUBSTANCES IN JÄEBIR'S ALCHEMY. <i>Arabic Sciences and Philosophy</i> , 2006, 16, 71-90.	0.1	2
33	The effect of crosslinking on the adsorption behavior of copper (II) onto poly(2-hydroxyacryloyloxybenzophenone). <i>Journal of Applied Polymer Science</i> , 2012, 126, 1008-1015.	2.6	2
34	Competitive extraction of Li, Na, K, Mg and Ca ions from acidified aqueous solutions into chloroform layer containing diluted alkyl phosphates. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 229-239.	9.4	1
35	Synthesis of immobilized chitosan/humic acid coupling product for removal of Pb(II), Cd(II) and Cr ²⁺ from aqueous solutions. , 0, 87, 292-305.		1
36	A Linear Model for Fitting Data of the Effect of pH on the Adsorption of Metal Ions onto Activated Carbon and Kaolinite. <i>Separation Science and Technology</i> , 2012, 47, 1080-1089.	2.5	0