

# Khaled S Abou-El-Sherbini

## List of Publications by Year in descending order

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44  
papers

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citations

516215

16  
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525886

27  
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49  
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49  
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Separation and preconcentration in a batch mode of Cd(II), Cr(III, VI), Cu(II), Mn(II, VII) and Pb(II) by solid-phase extraction by using of silica modified with N-propylsalicylalimine. <i>Talanta</i> , 2002, 58, 289-300.	2.9	97
2	Synthesis and characterisation of morin-functionalised silica gel for the enrichment of some precious metal ions. <i>Talanta</i> , 2006, 68, 1550-1559.	2.9	74
3	Equilibrium, kinetic and thermodynamic studies of Pb(II) adsorption from aqueous solutions on HCl-treated Egyptian kaolin. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 1674-1684.	3.3	65
4	Adsorption of Methylene Blue and Pb <sup>2+</sup> by using acid-activated <i>Posidonia oceanica</i> waste. <i>Scientific Reports</i> , 2019, 9, 3356.	1.6	53
5	A novel tetrachlorothallate (III)-PVC membrane sensor for the potentiometric determination of thallium (III). <i>Talanta</i> , 2003, 59, 383-392.	2.9	46
6	Study of organically-modified montmorillonite clay for the removal of copper(II). <i>Journal of Hazardous Materials</i> , 2010, 184, 654-661.	6.5	42
7	Hydrated layered manganese dioxide Part I. Synthesis and characterization of some hydrated layered manganese dioxides from $\frac{1}{2}$ -NaMnO <sub>2</sub> . <i>Solid State Ionics</i> , 2002, 150, 407-415.	1.3	37
8	Green Synthesis of Silver Nano-particles by <i>Micrococcus bovicus</i> and Its Immobilization onto Montmorillonite Clay for Antimicrobial Functionality. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 2225-2241.	1.4	30
9	Simultaneous extraction of manganese from low grade manganese dioxide ore and beneficiation of sulphur slag. <i>Separation and Purification Technology</i> , 2002, 27, 67-75.	3.9	28
10	Immobilization of methylene blue onto bentonite and its application in the extraction of mercury (II). <i>Journal of Hazardous Materials</i> , 2010, 178, 94-100.	6.5	25
11	Evaluation of some intercalation methods of dimethylsulphoxide onto HCl-treated and untreated Egyptian kaolinite. <i>Applied Clay Science</i> , 2017, 137, 33-42.	2.6	24
12	Nano-sized selenium attenuates the developmental testicular toxicity induced by di-n-butyl phthalate in pre-pubertal male rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1754-1762.	2.5	22
13	Controlled-pore Silica Glass Modified with N-Propylsalicylalimine for the Separation and Preconcentration of Trace Al(III), Ag(I) and Hg(II) in Water Samples. <i>Analytical Sciences</i> , 2003, 19, 1151-1156.	0.8	20
14	Distribution of essential heavy metals in the aquatic ecosystem of Lake Manzala, Egypt. <i>Heliyon</i> , 2019, 5, e02276.	1.4	20
15	The ameliorative effect of nanoselenium on histopathological and biochemical alterations induced by melamine toxicity on the brain of adult male albino rats. <i>NeuroToxicology</i> , 2021, 86, 37-51.	1.4	20
16	Synthesis of Controlled-pore Silica Glass Functionalized with Quercetin and Its Application for the Separation and Preconcentration of Mn(II), Co(II), Ni(II), Cu(II), and Zn(II). <i>Separation Science and Technology</i> , 2005, 39, 1177-1201.	1.3	17
17	Hydrated layered manganese dioxide: III. Role of bismuth oxide on the redox behaviour of hydrated layered manganese dioxides. <i>Solid State Ionics</i> , 2001, 139, 121-133.	1.3	15
18	Synthesis of novel CO <sub>3</sub> <sup>2-</sup> /Cl <sup>-</sup> -bearing 3(Mg + Zn)/(Al + Fe) layered double hydroxides for the removal of anionic hazards. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 2707-2721.	3.3	15

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19	Lithium insertion into manganese dioxide polymorphs in aqueous electrolytes. <i>Journal of Solid State Electrochemistry</i> , 2003, 7, 435-441.	1.2	14
20	A New Selective Chromogenic Reagent for the Spectrophotometric Determination of Thallium(I) and (III) and Its Separation Using Flotation and the Solid-Phase Extraction on Polyurethane Foam. <i>Analytical Sciences</i> , 2003, 19, 1269-1275.	0.8	14
21	Preconcentration and Determination of Trace Permanganate, Chromate and Molybdate Ions, Using an Ion-Exchanger (Cellulose-Hyphan) and Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 1993, 26, 1227-1242.	1.0	13
22	Selective separation of palladium (II) from precious metal ions using thiosemicarbazone derivatives from acidic media by solid phase and solvent extractions. <i>Desalination and Water Treatment</i> , 2010, 16, 329-338.	1.0	13
23	Hydrated layered manganese dioxide Part II. Electrochemical behaviour of some hydrated layered manganese dioxides in alkaline electrolytes. <i>Solid State Ionics</i> , 2002, 150, 417-430.	1.3	12
24	Protective effect of starch-stabilized selenium nanoparticles against melamine-induced hepato-renal toxicity in male albino rats. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 792-802.	3.6	11
25	High Stable Al-MCM-41: Structural Characterization and Evaluation for Removal of Methylene Blue from Aqueous Solution. <i>Silicon</i> , 2020, 12, 2017-2029.	1.8	8
26	Structure Investigation and Electrochemical Behavior of $\beta$ -MnO <sub>2</sub> Synthesized from Three-Dimensional Framework and Layered Structures. <i>Journal of Solid State Chemistry</i> , 2002, 166, 375-381.	1.4	7
27	Chemical modification of controlled-pore silica with N-propylsilylaldimine. <i>Journal of Applied Polymer Science</i> , 2003, 88, 3159-3167.	1.3	7
28	Selective Separation and Preconcentration of Total Tin Using Quercetin as Chelating Agent. <i>Separation Science and Technology</i> , 2007, 42, 3447-3463.	1.3	7
29	Modification of aminopropyl silica gel with some chelating agents and their effect on its stability against hydrolysis. <i>Journal of Sol-Gel Science and Technology</i> , 2009, 51, 228-237.	1.1	7
30	Encapsulation of Biosynthesized Nanosilver in Silica Composites for Sustainable Antimicrobial Functionality. <i>Global Challenges</i> , 2018, 2, 1800048.	1.8	7
31	Stabilization of n-aminopropyl silica gel against hydrolysis by blocking silanol groups with TiO <sub>2</sub> or ZrO <sub>2</sub> . <i>Journal of Sol-Gel Science and Technology</i> , 2010, 53, 587-597.	1.1	6
32	Stabilization of quercetin-functionalized silica gel against hydrolysis by blocking silanol groups with TiO <sub>2</sub> or ZrO <sub>2</sub> and its application for the removal of Hg(II). <i>Journal of Sol-Gel Science and Technology</i> , 2011, 57, 57-67.	1.1	6
33	Homoionic soda-activated bentonite for batch-mode removal of Pb(II) from polluted brackish water. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104606.	3.3	6
34	Study of the thermal decomposition of cellulose-hyphan and its complexes with some transition and indium metal ions. <i>Journal of Thermal Analysis</i> , 1994, 42, 1143-1154.	0.7	5
35	Activated eco-waste of <i>Posidonia oceanica</i> rhizome as a potential adsorbent of methylene blue from saline water. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 2529-2542.	2.9	5
36	The electrical conductivity of cellulose HYPHAN <sup>®</sup> and its complexes. <i>Angewandte Makromolekulare Chemie</i> , 1993, 212, 13-18.	0.3	3

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37	Evaluation of the trophic state predicted from lab and Landsat data of western coastal water of Suez Bay, Egypt. <i>Geo Journal</i> , 2020, , 1.	1.7	3
38	Stabilization of Silica Gel against Hydrolysis by Doping with FÈ% or Zr(IV). <i>Green and Sustainable Chemistry</i> , 2014, 04, 24-32.	0.8	3
39	Removal of Cr(VI) from aqueous media on calcined (Mg-Zn)/(Al-Fe)-(CO3)/Cl layered double hydroxides. , 0, 148, 270-284.		3
40	Removal of Isolan Dark Blue 2SGL-01 from aqueous solutions onto calcined and uncalcined (Mg-Zn)/(Al-Fe)-(CO3)/Cl layered double hydroxides. <i>Sustainable Environment Research</i> , 2021, 31, .	2.1	3
41	Physicochemical properties of Manzala Lake, Egypt. <i>Egyptian Journal of Chemistry</i> , 2017, .	0.1	3
42	Zirconia-Intercalated Kaolinite: Synthesis, Characterization, and Evaluation of Metal-Ion Removal Activity. <i>Clays and Clay Minerals</i> , 2021, 69, 463-476.	0.6	2
43	Determination of Some Metal Ions in Aquatic Environs by Atomic Absorption Spectrometry after Concentration with Modified Silica. <i>Journal of the Chinese Chemical Society</i> , 2006, 53, 605-612.	0.8	1
44	Synthesis of a novolacâ€based 3â€aminopropylsiloxane resin and its application for the removal of Cu <sup>2+</sup> , Cr <sup>3+</sup> , and Ni <sup>2+</sup> from electroplating wastewater. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	1