Gero Frisch

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6701176/publications.pdf

Version: 2024-02-01

32 papers	2,210 citations	471371 17 h-index	454834 30 g-index
36 all docs	36 docs citations	36 times ranked	2058 citing authors

#	Article	IF	Citations
1	A particle-based approach to predict the success and selectivity of leaching processes using ethaline - Comparison of simulated and experimental results. Hydrometallurgy, 2022, 211, 105869.	1.8	3
2	Synthesis and stability of single-phase chalcopyrite â€“ a potential reference material for key investigations in chemistry and metallurgical engineering. RSC Advances, 2021, 11, 3153-3161.	1.7	6
3	A Lowâ€Cost Alâ€Graphite Battery with Urea and Acetamideâ€Based Electrolytes. ChemElectroChem, 2021, 8, 1928-1928.	1.7	0
4	A Lowâ€Cost Alâ€Graphite Battery with Urea and Acetamideâ€Based Electrolytes. ChemElectroChem, 2021, 8, 1988-1992.	1.7	7
5	Investigating the dissolution of iron sulfide and arsenide minerals in deep eutectic solvents. Hydrometallurgy, 2020, 198, 105511.	1.8	13
6	Leaching and Selective Extraction of Indium and Tin from Zinc Flue Dust Using an Oxalic Acid-Based Deep Eutectic Solvent. ACS Sustainable Chemistry and Engineering, 2019, 7, 5300-5308.	3.2	58
7	Quantifying indium with ion chromatography in hydroâ€and biohydrometallurgical leaching solutions. Journal of Separation Science, 2019, 42, 2517-2522.	1.3	2
8	Direct extraction of copper from copper sulfide minerals using deep eutectic solvents. Green Chemistry, 2019, 21, 6502-6512.	4.6	57
9	Complexation Equilibria of Indium in Aqueous Chloride, Sulfate and Nitrate Solutions: An Electrochemical Investigation. Journal of Solution Chemistry, 2017, 46, 1928-1940.	0.6	17
10	Voltammetric and spectroscopic study of ferrocene and hexacyanoferrate and the suitability of their redox couples as internal standards in ionic liquids. Physical Chemistry Chemical Physics, 2017, 19, 28841-28852.	1.3	39
11	Ionic liquid, glass or crystalline solid? Structures and thermal behaviour of (C₄mim)₂CuCl₃. Dalton Transactions, 2016, 45, 3327-3333.	1.6	15
12	Anodic dissolution of metals in ionic liquids. Progress in Natural Science: Materials International, 2015, 25, 595-602.	1.8	105
13	Electrochemistry and speciation of Au⁺ in a deep eutectic solvent: growth and morphology of galvanic immersion coatings. Physical Chemistry Chemical Physics, 2015, 17, 30540-30550.	1.3	20
14	Electrocatalytic recovery of elements from complex mixtures using deep eutectic solvents. Green Chemistry, 2015, 17, 2172-2179.	4.6	70
15	Speciation, physical and electrolytic properties of eutectic mixtures based on CrCl3Â·6H2O and urea. Physical Chemistry Chemical Physics, 2014, 16, 9047.	1.3	123
16	EXAFS Study into the Speciation of Metal Salts Dissolved in Ionic Liquids and Deep Eutectic Solvents. Inorganic Chemistry, 2014, 53, 6280-6288.	1.9	170
17	Electroplating Using Ionic Liquids. Annual Review of Materials Research, 2013, 43, 335-358.	4.3	228
18	Ligand exchange in ionic systems and its effect on silver nucleation and growth. Physical Chemistry Chemical Physics, 2013, 15, 17314.	1.3	29

#	Article	IF	Citations
19	The electrodeposition of silver composites using deep eutectic solvents. Physical Chemistry Chemical Physics, 2012, 14, 2443.	1.3	151
20	Ionic liquids form ideal solutions. Chemical Communications, 2011, 47, 11876.	2.2	52
21	Processing of metals and metal oxides using ionic liquids. Green Chemistry, 2011, 13, 471.	4.6	309
22	Double layer effects on metal nucleation in deep eutectic solvents. Physical Chemistry Chemical Physics, 2011, 13, 10224.	1.3	134
23	The effect of additives on zinc electrodeposition from deep eutectic solvents. Electrochimica Acta, 2011, 56, 5272-5279.	2.6	186
24	Electrodeposition of copper composites from deep eutectic solvents based on choline chloride. Physical Chemistry Chemical Physics, 2009, 11, 4269.	1.3	302
25	Metal complexation in ionic liquids. Annual Reports on the Progress of Chemistry Section A, 2008, 104, 21.	0.8	72
26	Cs6[Fe2O6] and Rb4[Fe2O5]: New oxoferrates(III) with edge sharing FeO4 tetrahedra. Zeitschrift Fur Kristallographie - Crystalline Materials, 2005, 220, 135-141.	0.4	5
27	New Orthoferrates of Rubidium and Cesium: ?-, ?-Cs5[FeIIIO4] and A5I[FeIVO4] [FeVO4] (AI: Rb, Cs).. ChemInform, 2005, 36, no.	0.1	0
28	Neue Orthoferrate von Rubidium und Caesium:?-,?-Cs5[FeIIIO4] und A7I[FeIVO4][FeVO4] (AI = Rb, Cs). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 507-517.	0.6	8
29	A5Fe3O6] (A = Rb, Cs), Cs[FeO2] und Cs8[Fe2O7]: Neue Oxoferrate der schweren Alkalimetalle / A5Fe3O6] (A = Rb, Cs), Cs[FeO2] and Cs8[Fe2O7]: New Oxoferrates of the Heavy Alkaline Metals. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 771-781.	0.3	11
30	Alkaline Metal Stannide-Stannates: â€œDouble Saltsâ€•with Zintl Sn4-4 and Stannate SnO4-3 Anions.. ChemInform, 2003, 34, no.	0.1	0
31	Alkaline Metal Stannide-Stannates:â€˜Double Saltsâ€™ with Zintl Sn44â€” and Stannate SnO34â€” Anions. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2003, 629, 1661-1672.	0.6	14
32	Symmetry relationships between the crystal structures of chalcopyrite and its derivatives â€” a systematic approach to inform XRD analysis of Cuâ€Feâ€S phases. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	0.6	1