# Gero Frisch

List of Publications by Year
in descending order

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

Version: 2024-02-01

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|---|---|---|---|
| 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 | Processing of metals and metal oxides using ionic liquids. Green Chemistry, 2011, 13, 471. | 4.6 | 309 |
| 2 | Electrodeposition of copper composites from deep eutectic solvents based on choline chloride. Physical Chemistry Chemical Physics, 2009, 11, 4269. | 1.3 | 302 |
| 3 | Electroplating Using Ionic Liquids. Annual Review of Materials Research, 2013, 43, 335-358. | 4.3 | 228 |
| 4 | The effect of additives on zinc electrodeposition from deep eutectic solvents. Electrochimica Acta, 2011, 56, 5272-5279. | 2.6 | 186 |
| 5 | 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 |
| 6 | The electrodeposition of silver composites using deep eutectic solvents. Physical Chemistry Chemical Physics, 2012, 14, 2443. | 1.3 | 151 |
| 7 | Double layer effects on metal nucleation in deep eutectic solvents. Physical Chemistry Chemical Physics, 2011, 13, 10224. | 1.3 | 134 |
| 8 | Speciation, physical and electrolytic properties of eutectic mixtures based on CrCl3Â·6H2O and urea. Physical Chemistry Chemical Physics, 2014, 16, 9047. | 1.3 | 123 |
| 9 | Anodic dissolution of metals in ionic liquids. Progress in Natural Science: Materials International, 2015, 25, 595-602. | 1.8 | 105 |
| 10 | Metal complexation in ionic liquids. Annual Reports on the Progress of Chemistry Section A, 2008, 104, 21. | 0.8 | 72 |
| 11 | Electrocatalytic recovery of elements from complex mixtures using deep eutectic solvents. Green Chemistry, 2015, 17, 2172-2179. | 4.6 | 70 |
| 12 | 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 |
| 13 | Direct extraction of copper from copper sulfide minerals using deep eutectic solvents. Green Chemistry, 2019, 21, 6502-6512. | 4.6 | 57 |
| 14 | Ionic liquids form ideal solutions. Chemical Communications, 2011, 47, 11876. | 2.2 | 52 |
| 15 | 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 |
| 16 | Ligand exchange in ionic systems and its effect on silver nucleation and growth. Physical Chemistry Chemical Physics, 2013, 15, 17314. | 1.3 | 29 |
| 17 | Electrochemistry and speciation of Au<sup>+</sup> in a deep eutectic solvent: growth and morphology of galvanic immersion coatings. Physical Chemistry Chemical Physics, 2015, 17, 30540-30550. | 1.3 | 20 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Ionic liquid, glass or crystalline solid? Structures and thermal behaviour of (C<sub>4</sub>mim)<sub>2</sub>CuCl<sub>3</sub>. Dalton Transactions, 2016, 45, 3327-3333. | 1.6 | 15 |
| 20 | 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 |
| 21 | Investigating the dissolution of iron sulfide and arsenide minerals in deep eutectic solvents. Hydrometallurgy, 2020, 198, 105511. | 1.8 | 13 |
| 22 | 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 |
| 23 | 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 |
| 24 | A Lowâ€Cost Alâ€Graphite Battery with Urea and Acetamideâ€Based Electrolytes. ChemElectroChem, 2021, 8, 1988-1992. | 1.7 | 7 |
| 25 | 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 |
| 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 | 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 |
| 28 | Quantifying indium with ion chromatography in hydroâ€•and biohydrometallurgical leaching solutions. Journal of Separation Science, 2019, 42, 2517-2522. | 1.3 | 2 |
| 29 | 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 |
| 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 | New Orthoferrates of Rubidium and Cesium: ?-, ?-Cs5[FeIIIO4] and A5I[FeIVO4] [FeVO4] (AI: Rb, Cs).. ChemInform, 2005, 36, no. | 0.1 | 0 |
| 32 | A Lowâ€Cost Alâ€Graphite Battery with Urea and Acetamideâ€Based Electrolytes. ChemElectroChem, 2021, 8, 1928-1928. | 1.7 | 0 |