Rico E Del Sesto

List of Publications by Year
in descending order

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Version: 2024-02-01

43 papers	2,763 citations	361413 20 h-index	276875 41 g-index
43 all docs	43 docs citations	43 times ranked	3901 citing authors

#	Article	IF	Citations
1	Integration of choline geranate into electrospun protein scaffolds affords antimicrobial activity to biomaterials used for cutaneous wound healing. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2021, 109, 1271-1282.	3.4	3
2	Scope and efficacy of the broad-spectrum topical antiseptic choline geranate. PLoS ONE, 2019, 14, e0222211.	2.5	16
3	Biphasic Extraction, Recovery and Identification of Organic and Inorganic Compounds with Ionic Liquids. ACS Symposium Series, 2017, , 283-302.	0.5	2
4	Unprecedented magnetic behaviour in lanthanide-based ionic liquids. Chemical Communications, 2017, 53, 11682-11685.	4.1	8
5	Choline and Geranate Deep Eutectic Solvent as a Broadâ€Spectrum Antiseptic Agent for Preventive and Therapeutic Applications. Advanced Healthcare Materials, 2016, 5, 1282-1289.	7.6	104
6	Physical, structural, and dehydrogenation properties of ammonia borane in ionic liquids. RSC Advances, 2014, 4, 21681-21687.	3.6	19
7	Ionic liquids as a class of materials for transdermal delivery and pathogen neutralization. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13313-13318.	7.1	258
8	Evaluation of ionic liquids on phototrophic microbes and their use in biofuel extraction and isolation. Journal of Applied Phycology, 2013, 25, 973-981.	2.8	25
9	Improved Hydrogen Release from Ammoniaâ€“Borane with ZIF-8. Inorganic Chemistry, 2012, 51, 2728-2730.	4.0	61
10	Single-Pot Extraction-Analysis of Dyed Wool Fibers with Ionic Liquids. Analytical Chemistry, 2012, 84, 9169-9175.	6.5	17
11	Utilization of Metal Halide Species Ambiguity to Develop Amorphous, Stabilized Pharmaceutical Agents As Ionic Liquids. Crystal Growth and Design, 2012, 12, 5357-5364.	3.0	11
12	[Ni(HF₂)(3-Clpy)₄]BF₄ (py = pyridine): Evidence for Spin Exchange Along Strongly Distorted FÂ·Â·Â·HÂ·Â·Â·F^{â€“} Bridges in a One-Dimensional Polymeric Chain. Inorganic Chemistry, 2012, 51, 7520-7528.	4.0	19
13	Influence of HF2â^' geometry on magnetic interactions elucidated from polymorphs of the metalâ€“organic framework [Ni(HF2)(pyz)2]PF6 (pyz = pyrazine). Dalton Transactions, 2012, 41, 7235.	3.3	16
14	Isolation of an Asymmetric Lanthanide Polyoxometalate, Na12H[(W5O18)Tb(H2W11O39)]Â·42H2O, Containing Two Distinct Isopolyanions. Journal of Chemical Crystallography, 2012, 42, 651-655.	1.1	3
15	Tetraalkylphosphonium-Based Ionic Liquids for a Single-Step Dye Extraction/MALDI MS Analysis Platform. Analytical Chemistry, 2011, 83, 2921-2930.	6.5	24
16	Large-scale synthesis of CexLa1â^'xF3 nanocomposite scintillator materials. Journal of Materials Chemistry, 2011, 21, 5716.	6.7	31
17	Structural, Electronic, and Magnetic Properties of Quasi-1D Quantum Magnets [Ni(HF₂)(pyz)₂]X (pyz = pyrazine; X = PF₆^{â€“},) Tj ETQq1 1 0.784314 rgBT /Overlock Chemistry, 2011, 50, 5990-6009.	4.0	30
18	Luminescence in CeIV polyoxometalate [Ce(W₅O₁₈)₂]^{8â^'}: a combined experimental and theoretical study. Chemical Communications, 2010, 46, 1848-1850.	4.1	14

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19	Limited thermal stability of imidazolium and pyrrolidinium ionic liquids. Thermochimica Acta, 2009, 491, 118-120.	2.7	112
20	Ionic Liquid Polyoxometalates as Light Emitting Materials. ECS Transactions, 2009, 16, 171-180.	0.5	8
21	Structure and magnetic behavior of transition metal based ionic liquids. Chemical Communications, 2008, , 447-449.	4.1	296
22	Exotic Ionic liquid Materials for Optical and Magnetic Applications. ECS Meeting Abstracts, 2008, , .	0.0	0
23	Nanocomposite scintillators for radiation detection and nuclear spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 579, 15-18.	1.6	101
24	The large scale synthesis of pure imidazolium and pyrrolidinium ionic liquids. Green Chemistry, 2007, 9, 449.	9.0	387
25	Formation of an unusual charge-transfer network from an ionic liquid. Chemical Communications, 2006, , 272-274.	4.1	9
26	Vibrational spectra of imidazolium tetrafluoroborate ionic liquids. Journal of Molecular Liquids, 2006, 124, 84-95.	4.9	266
27	Tetraalkylphosphonium-based ionic liquids. Journal of Organometallic Chemistry, 2005, 690, 2536-2542.	1.8	255
28	Nonlinear Optical Ionic Liquids. ACS Symposium Series, 2005, , 144-158.	0.5	7
29	Evidence for spin diffusion in a H,H-NOESY study of imidazolium tetrafluoroborate ionic liquids. Magnetic Resonance in Chemistry, 2004, 42, 71-75.	1.9	56
30	Crystal Structures and Magnetic Properties of Nitronyl Nitroxide Radicals. Helvetica Chimica Acta, 2003, 86, 1234-1245.	1.6	11
31	Chemical Reduction of 2,4,6-Tricyano-1,3,5-triazine and 1,3,5-Tricyanobenzene. Formation of Novel 4,4â€˜,6,6â€˜-Tetracyano-2,2â€˜-bitriazine and Its Radical Anionâ€. Journal of Organic Chemistry, 2003, 68, 3367-3379.	3.2	46
32	Modeling, synthesis, and characterization of third-order nonlinear optical salts. , 2003, , .		7
33	Engineering the Structure and Magnetic Properties of Crystalline Solids via the Metal-Directed Self-Assembly of a Versatile Molecular Building Unit. Journal of the American Chemical Society, 2002, 124, 6613-6625.	13.7	206
34	The Effect of Ligand Charge on the Coordination Geometry of an Fe(III) Ion:â€‰ Five- and Six-Coordinate Fe(III) Complexes of Tris(2-benzimidazolylmethyl)amine. Inorganic Chemistry, 2002, 41, 4708-4714.	4.0	37
35	Charge transfer complexes of 2,4,6-tricyano-s-triazine with tetrathiafulvalene (TTF) and N,N,Nâ€²,Nâ€²-tetramethyl-p-phenylenediamine (TMPD). CrystEngComm, 2002, 4, 117-120.	2.6	9
36	On the existence of long Câ€“C bonds between pairs of anions which repel: when and why? A test case on the [TCNE]22â¯dimers found in ionic crystals. CrystEngComm, 2002, 4, 373-377.	2.6	39

#	Article	IF	Citations
37	Isolation of two salts from the reduction of TCNE with [(n-C3H7)4N]I. A further example of long 2.87 Ã… Ï€-Câ€“C bonding in Ï€-[TCNE]22â¯. CrystEngComm, 2002, 4, 106-108.	2.6	5
38	Exceptionally Long (â‰¥2.9 Ã…) CC Bonding Interactions in Ï€-[TCNE]22 Dimers: Two-Electron Four-Center Cation-Mediated CC Bonding Interactions Involving Ï€* Electrons. Chemistry - A European Journal, 2002, 8, 4894-4908.	3.3	134
39	[Et4N]2[TCNE]2(TCNEÂ=Âtetracyanoethylene) â€“ an example of an exceptionally long 2.827ÂÃ… CC bond. CrystEngComm, 2001, 3, 222-224.	2.6	7
40	Copper(II) carboxylate dimers and chains. Synthetic Metals, 2001, 122, 543-546.	3.9	9
41	Formation of different framework structured dimeric dianions formed from the reduction of 2,4,6-tricyano-1,3,5-triazine and 1,3,5-tricyanobenzeneDedicated to Michael Hanack on the occasion of the 70th birthday.. Chemical Communications, 2001, , 2730-2731.	4.1	14
42	Exceptionally Long (>/=2.9 Ã…) C-C Bonds between. Angewandte Chemie - International Edition, 2001, 40, 2540-2545.	13.8	2
43	Copper(II) Benzoate Nitroxide Dimers and Chains:Â Structure and Magnetic Studiesâ€. Inorganic Chemistry, 2000, 39, 4894-4902.	4.0	79