

Santiago Uriel

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Interplay between non-covalent interactions in 1D supramolecular polymers based on 1,4-bis(iodoethynyl)benzene. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 3531-3542.	2.8	3
2	The combination of halogen and hydrogen bonding: a versatile tool in coordination chemistry. <i>CrystEngComm</i> , 2020, 22, 6010-6018.	2.6	2
3	Simple iodoalkyne-based organocatalysts for the activation of carbonyl compounds. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 1594-1601.	2.8	19
4	From diiodo TrÃ¶ger's bases towards halogen-bonded porous organic crystalline materials. <i>CrystEngComm</i> , 2018, 20, 3167-3170.	2.6	9
5	Chiral supramolecular organization from a sheet-like achiral gel: a study of chiral photoinduction. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 13622-13628.	2.8	5
6	Two-Dimensional Arrangements of Bis(haloethynyl)benzenes Combining Halogen and Hydrogen Interactions. <i>Crystal Growth and Design</i> , 2017, 17, 6212-6223.	3.0	16
7	Halogen-Bonding Complexes Based on Bis(iodoethynyl)benzene Units: A New Versatile Route to Supramolecular Materials. <i>Chemistry of Materials</i> , 2013, 25, 4503-4510.	6.7	77
8	A Facile Method to Determine the Absolute Structure of Achiral Molecules: Supramolecularâ€¦ Tit Structures. <i>Chemistry - A European Journal</i> , 2013, 19, 6044-6051.	3.3	5
9	Supramolecular hydrogen-bonding patterns in 4â€²-substituted cyclohexane-5-spirohydantoin. <i>CrystEngComm</i> , 2012, 14, 3759.	2.6	5
10	<scp>l</scp>- and <scp>d</scp>-Proline Adsorption by Chiral Ordered Mesoporous Silica. <i>Langmuir</i> , 2012, 28, 6638-6644.	3.5	24
11	Chiral Imprinting with Amino Acids of Ordered Mesoporous Silica Exhibiting Enantioselectivity after Calcination. <i>Chemistry of Materials</i> , 2011, 23, 1280-1287.	6.7	42
12	Direct exfoliation of layered zeolite Nu-6(1). <i>Microporous and Mesoporous Materials</i> , 2011, 142, 122-129.	4.4	16
13	Exfoliated Titanosilicate Material UZARâ€¦1 Obtained from JDFâ€¦1. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 159-163.	2.0	42
14	Supramolecular arrangements based on cyclohexane-5-spirohydantoin derivatives. <i>CrystEngComm</i> , 2010, 12, 3132.	2.6	8
15	Crystallization of an Achiral Cyclohexanone Ethylene Ketal in Enantiomorphs and Determination of the Absolute Structure. <i>Journal of the American Chemical Society</i> , 2010, 132, 7862-7863.	13.7	13
16	Seeded synthesis of layered titanosilicate JDF-L1. <i>Materials Letters</i> , 2009, 63, 113-115.	2.6	24
17	Controlling the Crystal Growth of Dodecasil 3C by Buffering with DL-Histidine. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4915-4919.	2.0	5
18	Development of mixed matrix membranes based on zeolite Nu-6(2) for gas separation. <i>Microporous and Mesoporous Materials</i> , 2008, 115, 85-92.	4.4	75

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19	The Boat Conformation in Pyrazaboles. A Theoretical and Experimental Study. <i>Crystal Growth and Design</i> , 2008, 8, 838-847.	3.0	30
20	4,2-Ribbon like ferromagnetic cyano-bridged Fe(II) chains: a magneto-structural study. <i>Dalton Transactions</i> , 2007, , 3690.	3.3	43
21	Tetrahedral Zinc Complexes with Liquid Crystalline and Luminescent Properties: Interplay Between Nonconventional Molecular Shapes and Supramolecular Mesomorphic Order. <i>Journal of the American Chemical Society</i> , 2007, 129, 11608-11618.	13.7	171
22	Roof-Shaped Pyrazaboles as a Structural Motif for Bent-Core Liquid Crystals. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5175-5177.	13.8	18
23	Heterobimetallic cuboidal [Mo ₃ NiS ₄] and [W ₃ NiS ₄] cluster diphosphane complexes as molecular models in hydrodesulfurization catalysis. <i>Polyhedron</i> , 2005, 24, 1212-1220.	2.2	32
24	Heteropolymetallic Supramolecular Solid-State Architectures Constructed from [Cr(AA)(C ₂ O ₄) ₂]-Tectons, and Sustained by Coordinative, Hydrogen Bond and π - π Stacking Interactions (AA = 2,2'-Bipyridine; 1,10-Phenanthroline). <i>Crystal Growth and Design</i> , 2005, 5, 261-267.	3.0	52
25	Synthesis, Crystal Structure, and Properties of Multicomponent Bis(ethylenedithio)tetrathiafulvalene Charge-Transfer Salts of the [Mo ₃ S ₇ Br ₆] ₂ -Cluster. <i>Inorganic Chemistry</i> , 2005, 44, 1563-1570.	4.0	22
26	Mechanism of the Reaction of the [W ₃ S ₄ H ₃ (dmpe) ₃] ⁺ Cluster with Acids: Evidence for the Acid-Promoted Substitution of Coordinated Hydrides and the Effect of the Attacking Species on the Kinetics of Protonation of the Metal-Hydride Bonds. <i>Chemistry - A European Journal</i> , 2004, 10, 1463-1471.	3.3	39
27	Cubane-Type Mo ₃ CoS ₄ Molecular Clusters with Three Different Metal Electron Populations: Structure, Reactivity and Their Use in the Synthesis of Hybrid Charge-Transfer Salts. <i>Chemistry - A European Journal</i> , 2004, 10, 4308-4314.	3.3	29
28	Mesomorphism of a tetrahedral zinc complex. <i>Chemical Communications</i> , 2004, , 2064-2065.	4.1	47
29	Synthesis and structure of the incomplete cuboidal clusters [W ₃ Se ₄ H ₃ (dmpe) ₃] ⁺ , [W ₃ Se ₄ H ₃ x(OH)x(dmpe) ₃] ⁺ and [W ₃ Se ₄ (OH) ₃ (dmpe) ₃] ⁺ , and the mechanism of the acid-assisted substitution of the coordinated hydrides. <i>Dalton Transactions</i> , 2004, , 530-536.	3.3	27
30	Single-Component Magnetic Conductors Based on Mo ₃ S ₇ Trinuclear Clusters with Outer Dithiolate Ligands. <i>Journal of the American Chemical Society</i> , 2004, 126, 12076-12083.	13.7	88
31	Nucleophilic additions of chiral non-racemic enolates to N-benzyl-C-(alkoxymethyl) nitrones. <i>Arkivoc</i> , 2004, 2004, 48-58.	0.5	0
32	1,3-Dipolar cycloaddition between N-benzyl-C-glycosyl nitrones and methyl acrylate en route to glycosyl pyrrolidines. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3731-3743.	1.8	17
33	Heterodimetallic Chalcogen-Bridged Cubane-Type Clusters of Molybdenum and Tungsten Containing First-Row Transition Metals. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 1271-1290.	2.0	112
34	Heterodimetallic Chalcogen-Bridged Cubane-Type Clusters of Molybdenum and Tungsten Containing First-Row Transition Metals. <i>ChemInform</i> , 2003, 34, no.	0.0	0
35	Solid state synthesis, structure and optical limiting properties of seleno cuboidal clusters [M ₃ Se ₄ X ₃ (diphosphine) ₃] ⁺ (M=Mo, W; X=Cl, Br). <i>Inorganica Chimica Acta</i> , 2003, 349, 69-77.	2.4	31
36	Synthesis and third-order nonlinear optical properties of [Mo ₃ (μ -S)(μ -S) ₂] ₄ clusters with maleonitriledithiolate, oxalate and thiocyanate ligands. <i>Dalton Transactions</i> , 2003, , 4546-4551.	3.3	32

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37	Synthesis of $\hat{1},\hat{1}$ -Disubstituted $\hat{1}$ -Amino Acid Derivatives in Enantiopure Form via Stereoselective Addition of Grignard Reagents to a Chiral Acyclic Nitrone Derived from L-Erythrulose. <i>Synlett</i> , 2002, 2002, 0711-0714.	1.8	9
38	$[\text{Cr}(\text{bpym})(\text{C}_2\text{O}_4)_2]^{4-}$ in designing heterometallic complexes. Crystal structures and magnetic properties of $\text{PPh}_4[\text{Cr}(\text{bpym})(\text{C}_2\text{O}_4)_2]\cdot\text{H}_2\text{O}$ and $[\text{Ag}(\text{bpym})][\text{Cr}(\text{C}_2\text{O}_4)_2](\text{H}_2\text{O})_2\cdot 2\text{H}_2\text{O}$ ($\text{bpym}=2,2'$ -bipyrimidine). <i>Inorganica Chimica Acta</i> , 2002, 336, 46-54.	2.4	44
39	Chemistry of Hexanuclear Rhenium Chalcohalide Clusters. <i>Chemical Reviews</i> , 2001, 101, 2037-2066.	47.7	276
40	Synthesis, Structure, and Optical-Limiting Properties of Heterobimetallic $[\text{M}_3\text{CuS}_4]$ Cuboidal Clusters ($\text{M} = \text{Mo}$ or W) with Terminal Phosphine Ligands. <i>Inorganic Chemistry</i> , 2001, 40, 6132-6138.	4.0	61
41	$[\text{Fe}(\text{Phen})(\text{CN})_4]^{2-}$: A Versatile Building Block for the Design of Heterometallic Systems. Crystal Structures and Magnetic Properties of $\text{PPh}_4[\text{Fe}(\text{Phen})(\text{CN})_4]\cdot 2\text{H}_2\text{O}$ and $[\{\text{Fe}(\text{Phen})(\text{CN})_4\}_2\text{M}(\text{H}_2\text{O})_2]\cdot 4\text{H}_2\text{O}$ [$\text{Phen} = 1,10$ -Phenanthroline; $\text{M} = \text{Mn}(\text{II})$ and $\text{Zn}(\text{II})$]. <i>Inorganic Chemistry</i> , 2001, 40, 2065-2072.	4.0	107
42	Inertness of the $[\text{Re}_6\text{Se}_5\text{Cl}_3]^{5+}$ cluster core to substitution by OH^- in organic solutions: synthesis, structural and liquid secondary ion mass spectroscopy characterization of $\text{K}(\text{H}_2\text{O})_2[\text{Re}_6\text{Se}_5\text{Cl}_9]$ and $(n\text{-Bu}_4\text{N})[\text{Re}_6\text{Se}_5\text{Cl}_9]$ and the crystal structure of $(n\text{-Bu}_4\text{N})_2[\text{Re}_6\text{Se}_6\text{Cl}_8]$. <i>New Journal of Chemistry</i> , 2001, 25, 737-740.	2.8	13
43	Transition metal incorporation into seleno-bridged cubane type clusters of molybdenum and tungsten. X-Ray crystal structures of the first $[\text{Mo}_3\text{CuSe}_4]$ derivatives. <i>Dalton Transactions RSC</i> , 2001, , 2813-2818.	2.3	26
44	Preparation and properties of new ferrocenyl heterobimetallic complexes with counterion dependent NLO responses. <i>Polyhedron</i> , 2001, 20, 2083-2088.	2.2	23
45	Interaction of half-sandwich alkylmolybdenum(III) complexes with $\text{B}(\text{C}_6\text{F}_5)_3$. The X-ray structure of $[\text{CpMo}(\eta\text{-}4\text{-C}_4\text{H}_6)(\eta\text{-}4\text{-Cl})(\eta\text{-}4\text{-CH}_2)(\text{O})\text{MoCp}][\text{CH}_3\text{B}(\text{C}_6\text{F}_5)_3]$. <i>Journal of Organometallic Chemistry</i> , 2001, 640, 113-120.	1.8	3
46	Syntheses, Structures and Nonlinear Optical Properties of Ferrocenyl Complexes with Arylethenyl Substituents. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2113-2122.	2.0	40
47	Preparation, Properties, and Crystal Structure of New Conjugated Oligomers with a Pendant Ferrocenyl and an End-Capped Pyridine. <i>Organometallics</i> , 2000, 19, 3797-3802.	2.3	40
48	Stereoselective 1,3-Dipolar Cycloadditions of a Chiral Nitrone Derived from Erythrulose. An Experimental and DFT Theoretical Study. <i>Journal of Organic Chemistry</i> , 2000, 65, 7000-7009.	3.2	67
49	Synthesis of Conjugated $\hat{1}^3$ - and $\hat{1}$ -Lactones from Aldehydes and Ketones via a Vinylation/Allylation-Ring Closing Metathesis-Oxidation Sequence. <i>Synlett</i> , 1999, 1999, 1639-1641.	1.8	23
50	Synthesis and characterization of new ferrocenyl heterobimetallic compounds with high NLO responses. <i>Journal of Organometallic Chemistry</i> , 1998, 562, 197-202.	1.8	91
51	$\hat{1}/4$ -funktionalisierte Molek $\hat{1}/4$ cluster vom Chevrel $\hat{1}$ -Sergent $\hat{1}$ -Typ, eine neue Klasse von anorganisch $\hat{1}$ -organischen Hybridverbindungen: Herstellung und Alkylierungsreaktionen. <i>Angewandte Chemie</i> , 1996, 108, 1631-1634.	2.0	0
52	$\hat{1}/3$ -Imido-Functionalized Chevrel $\hat{1}$ -Sergent-Type Molecular Clusters, a New Class of Inorganic $\hat{1}$ -Organic Hybrid Compounds: Preparations and Alkylation Reactions. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1544-1547.	4.4	20
53	The first allylic alcohol derivatives of tetrathiafulvalene. A route to new covalently linked donors. <i>Tetrahedron Letters</i> , 1995, 36, 4319-4322.	1.4	17
54	Solution Chemistry of Chalcohalide Hexanuclear Rhenium Cluster Monoanions: Substitution Reactions and Structural and LSIMS Characterization of the Heterosubstituted Cluster Dianions, $(n\text{-Bu}_4\text{N})_2[\text{Re}_6\text{Q}_5\text{ECl}_8]$ ($\text{Q} = \text{S}, \text{E} = \text{O}, \text{S}, \text{Se}$; $\text{Q} = \text{Se}, \text{E} = \text{S}, \text{Se}, \text{Te}$). <i>Inorganic Chemistry</i> , 1995, 34, 5307-5313.	4.0	50

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55	4,4-(5)-Disubstituted tetrathiafulvalenes and systems with extended conjugation incorporating TTF spacers. <i>Synthetic Metals</i> , 1995, 70, 1111-1112.	3.9	4
56	New multi-stage redox assemblies incorporating TTF, EDT-TTF and ferrocene moieties. <i>Synthetic Metals</i> , 1995, 70, 1113-1114.	3.9	4
57	Polyfluorinated derivatives in the tetrathiafulvalene (TTF) series. <i>Synthetic Metals</i> , 1995, 70, 1159-1160.	3.9	3
58	The first evidence for the generation of radicals and formation of electrically conducting molecular materials by protic doping of tetrathiafulvalenes. <i>Advanced Materials</i> , 1994, 6, 298-300.	21.0	59
59	Improved Syntheses of Carboxytetrathiafulvalene, Formyltetrathiafulvalene and (Hydroxymethyl)tetrathiafulvalene 1: Versatile Building Blocks for New Functionalised Tetrathiafulvalene Derivatives. <i>Synthesis</i> , 1994, 1994, 489-493.	2.3	111
60	Useful Wittig reagents in 1,3-dithiole and tetrathiafulvalene (TTF) chemistry: 2-thioxo- and 2-oxo-1,3-dithiol-4-ylmethyl(triphenyl)phosphonium bromides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1711.	0.9	12
61	The synthesis of primary, secondary and tertiary aminomethyltetrathiafulvalenes. <i>Tetrahedron</i> , 1992, 48, 3983-3990.	1.9	33
62	The first aminomethyl TTF derivatives: new donors for synthetic metals. <i>Tetrahedron Letters</i> , 1991, 32, 6407-6410.	1.4	28
63	On the reaction of anthranilic acid with thionyl chloride: The actual structure of œkametani's sulfonamide anhydride. <i>Tetrahedron Letters</i> , 1991, 32, 3263-3264.	1.4	17