

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5625781/julio-gomez-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58 papers	1,676 citations	25 h-index	39 g-index
59 ext. papers	1,895 ext. citations	4.3 avg, IF	4.3 L-index

#	Paper	IF	Citations
58	Production and processing of graphene and related materials. <i>2D Materials</i> , 2020 , 7, 022001	5.9	179
57	Synthesis, structural characterisation and photophysics of anionic cyclometalated bis(alkynyl)(benzo[h]quinolate)platinate(II) species. <i>Dalton Transactions</i> , 2003 , 822-830	4.3	72
56	Unprecedented Pt ₂ Bonded Trimer {[Pt ₂ Cu ₄ (C≡CPh) ₈]} ₃ Showing Unusual Near-Infrared Luminescence. <i>Organometallics</i> , 1999 , 18, 3353-3358	3.8	72
55	Layer-by-layer assembly of efficient flame retardant coatings based on high aspect ratio graphene oxide and chitosan capable of preventing ignition of PU foam. <i>Polymer Degradation and Stability</i> , 2018 , 152, 1-9	4.7	63
54	Versatile Behavior of [Pt ₂ Ag ₄ (C≡C-t-Bu) ₈]: Synthesis, Structures, and Properties of [{Pt ₂ Ag ₄ (C≡C-t-Bu) ₈ }{Ag(bipy)}] ₄ ⁺ and an Unprecedented Chain Polymeric Cocrystallization Adduct with a 2,2′-bipy Ligand. <i>Organometallics</i> , 2000 , 19, 3137-3144	3.8	59
53	Effect of morphology and defectiveness of graphene-related materials on the electrical and thermal conductivity of their polymer nanocomposites. <i>Polymer</i> , 2016 , 102, 292-300	3.9	55
52	Photoinduced electron transfer in platinum(II) terpyridinyl acetylide complexes connected to a porphyrin unit. <i>Inorganic Chemistry</i> , 2005 , 44, 4806-17	5.1	55
51	A Polymeric Platinum(II)–Thallium(I) Complex Stabilized by Alkynyl–Thallium and Platinum–Thallium Bonding Interactions. <i>Inorganic Chemistry</i> , 1997 , 36, 6461-6464	5.1	53
50	Influence of solvent and weak C–H...O contacts in the self-assembled [Pt ₂ M ₄ {CC(3-OMe)C ₆ H ₄ }] ₈ (M = Cu, Ag) clusters and their role in the luminescence behavior. <i>Inorganic Chemistry</i> , 2006 , 45, 7788-98	5.1	53
49	Four Thallium(I) Ions Sandwiched by Two Tetraalkynylplatinate ([Pt(C≡CR) ₄] ₂ ⁻) Fragments: Synthesis and Luminescent Behavior of Pt ₂ Tl ₄ Species. <i>Organometallics</i> , 2001 , 20, 4847-4851	3.8	52
48	Synthesis and Electrical and Optical Properties of [PtTl ₂ -xLi _x (C ₆ F ₅) ₂ (C≡CPh) ₂] (x = 0, 1). <i>Organometallics</i> , 2003 , 22, 652-656	3.8	51
47	Synthesis, characterization and luminescence properties of homoleptic platinum(II) acetylide complexes. <i>Dalton Transactions</i> , 2003 , 4331-4339	4.3	42
46	Discrete triangle, square and hexametallic alkynyl cyano-bridged compounds based on [cis-Pt(Ctbond;CR) ₂ (CN) ₂] ₂ ⁻ building blocks. <i>Chemistry - A European Journal</i> , 2004 , 10, 888-98	4.8	41
45	Graphene Oxide Exoskeleton to Produce Self-Extinguishing, Nonignitable, and Flame Resistant Flexible Foams: A Mechanically Tough Alternative to Inorganic Aerogels. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1801288	4.6	41
44	Ni doped Fe ₃ O ₄ magnetic nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 2652-60	1.3	38
43	Luminescent alkynyl platinum-cadmium complexes: structural characterization of an unusual decanuclear cluster. <i>Inorganic Chemistry</i> , 2001 , 40, 5415-9	5.1	38
42	Reactivity of Alkynyl Platinum Complexes towards PPh ₂ H and PPh ₂ (O)H: Unexpected Formation of Alkynyl Tetralithium Diplatinum Compounds Stabilized by β-(βP,O,O-PPh ₂ O) Ligands. <i>Chemistry - A European Journal</i> , 1999 , 5, 474-491	4.8	38

41	Synthesis, structures and photophysics of novel luminescent platinum-copper complexes. <i>Journal of Organometallic Chemistry</i> , 2003 , 670, 221-234	2.3	37
40	Effect of thermal annealing on the heat transfer properties of reduced graphite oxide flakes: A nanoscale characterization via scanning thermal microscopy. <i>Carbon</i> , 2016 , 109, 390-401	10.4	37
39	Synthesis, Photophysical Properties, and Theoretical Studies of Hydride-Alkynyl Platinum(II) Complexes. Molecular Structures of [trans-PtH(C \equiv CC ₅ H ₄ N-2)(PPh ₃) ₂] and [Pt(η -HC \equiv CCPh ₂ OH)(PPh ₃) ₂]. <i>Organometallics</i> , 2000 , 19, 4385-4397	3.8	33
38	Saccharinate as a versatile polyfunctional ligand. Four distinct coordination modes, misdirected valence, and a dominant aggregate structure from a single reaction system. <i>Inorganic Chemistry</i> , 2001 , 40, 4455-63	5.1	31
37	Effect of foliar urea fertilisation on volatile compounds in Tempranillo wine. <i>Journal of the Science of Food and Agriculture</i> , 2013 , 93, 1485-91	4.3	27
36	Diphenyl(phenylethynyl)phosphine d ₆ [Rh(III), Ir(III), Ru(II)] Complexes: Preparation of Homo (ECl) ₂ and Hetero (ECl)(EPh ₂ C \equiv CPh) Bridged d ₆ d ₈ Compounds. <i>Organometallics</i> , 2002 , 21, 2314-2324	3.8	27
35	Double Insertion of Coordinated Phosphanylalkyne Ligands into a Pt-C(6)F(5) Bond. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 3058-3061	16.4	26
34	Synthesis, structural characterisation and luminescence studies of the first alkynyl stabilised platinum-cadmium complexes. <i>Chemical Communications</i> , 1999 , 2045-2046	5.8	26
33	Synthesis, Structures, and Luminescence Behavior of Mixed Metal Alkynyl Platinum-Cadmium Complexes. <i>Organometallics</i> , 2006 , 25, 2274-2283	3.8	25
32	Formation of diphenylphosphanylbutadienyl complexes by insertion of two P-coordinated alkynylphosphanes into a Pt-bond-C ₆ F ₅ bond: detection of intermediate and reaction products. <i>Chemistry - A European Journal</i> , 2002 , 8, 3698-716	4.8	25
31	Diastereoselective Synthesis of the Indenylruthenium(II) Complexes [Ru(η -C ₉ H ₇){ β (P,C,C)-Ph ₂ P(CH ₂ CRCH ₂)}(PPh ₃)](PF ₆) (R = H, Me): Enantiofacial Coordination, Hemilabile Properties, and Diastereoselective Nucleophilic Additions to β (P,C,C)-Allylphosphine Ligands. <i>Organometallics</i> , 2004 , 23, 2956-2966	3.8	24
30	Some platinum(II) complexes containing bis(diphenylphosphino)acetylene PPh ₂ CCPPh ₂ : synthesis, characterisation and crystal structures. <i>Dalton Transactions RSC</i> , 2001 , 2132-2140		24
29	Effect of processing conditions on the thermal and electrical conductivity of poly (butylene terephthalate) nanocomposites prepared via ring-opening polymerization. <i>Materials and Design</i> , 2017 , 119, 124-132	8.1	22
28	One-dimensional phosphinite platinum chains based on hydrogen bonding interactions and phosphinite tetranuclear platinum(II)-thallium(I) complexes. <i>Dalton Transactions</i> , 2007 , 3653-60	4.3	22
27	A luminescent polymeric complex containing ten-nuclear platinum-silver [Pt ₂ Ag ₈ (C \equiv CBut) ₈ (OCIO ₃) ₂ (acetone) ₂]+2Cl ⁻ ocations in the backbone. <i>Inorganic Chemistry Communication</i> , 1999 , 2, 62-65	3.1	22
26	Structural and electrical characterization of new materials with perovskite structure. <i>Solid State Ionics</i> , 1997 , 95, 241-248	3.3	21
25	Synthesis of Pt(II)-Pt(II) and Pt/Pd(II)-Pt(0) Monoalkynylphosphine Bridging Complexes. <i>Organometallics</i> , 2002 , 21, 3733-3743	3.8	21
24	Synthesis and characterization of mono and heteropolynuclear luminescent alkynyl platinum diphenylphosphinous acid/phosphinite complexes. <i>Inorganica Chimica Acta</i> , 2003 , 347, 145-154	2.7	20

23	Graphene and related materials in hierarchical fiber composites: Production techniques and key industrial benefits. <i>Composites Science and Technology</i> , 2020 , 185, 107848	8.6	20
22	Effect of the number of layers of graphene on the electrical properties of TPU polymers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2014 , 64, 012008	0.4	19
21	Structural characterization and properties of the perovskite(NaLa)(MW)O ₆ (M=Co, Ni): two new members in the group-subgroup relations for the perovskite-type structures. <i>Journal of Materials Chemistry</i> , 1997 , 7, 801-806		19
20	A luminescent Pt ₃ Pb cluster with three Pt(II)-Pb(II) bonds. <i>Journal of Organometallic Chemistry</i> , 2002 , 663, 284-288	2.3	18
19	Synthesis of Heterobridged (EC ₂ CR)(EX) (X = PPh ₂ , PPh ₂ O) Platinum-Rhodium or Platinum-Iridium Dimers. <i>Inorganic Chemistry</i> , 1999 , 38, 3116-3125	5.1	17
18	Contrasting Thermal and Photochemical Intramolecular Coupling in Alkynylphosphine Platinum(II) Complexes. <i>Organometallics</i> , 2006 , 25, 3926-3934	3.8	15
17	Testing the influence of the temperature, RH and filler type and content on the universal power law for new reduced graphene oxide TPU composites. <i>Materials Research Express</i> , 2017 , 4, 105020	1.7	14
16	3-Phase hierarchical graphene-based epoxy nanocomposite laminates for automotive applications. <i>Journal of Materials Science and Technology</i> , 2019 , 35, 2169-2177	9.1	13
15	Effects of Graphite Oxide Nanoparticle Size on the Functional Properties of Layer-by-Layer Coated Flexible Foams. <i>Nanomaterials</i> , 2021 , 11,	5.4	11
14	Influence of fertilisation with foliar urea on the content of amines in wine. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2011 , 28, 877-84	3.2	10
13	Processing influence on dielectric, mechanical, and electrical properties of reduced graphene oxide-TPU nanocomposites. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47220	2.9	10
12	Effects of chemical structure and morphology of graphene-related materials (GRMs) on melt processing and properties of GRM/polyamide-6 nanocomposites. <i>Results in Materials</i> , 2020 , 7, 100105	2.3	8
11	Morphology and properties evolution upon ring-opening polymerization during extrusion of cyclic butylene terephthalate and graphene-related-materials into thermally conductive nanocomposites. <i>European Polymer Journal</i> , 2017 , 89, 57-66	5.2	7
10	LCA to Evaluate the Environmental Impact for Chemical Pre-treatment in Plastics Metallization. <i>Journal of Polymers and the Environment</i> , 2017 , 25, 961-972	4.5	7
9	Synthesis and structural characterization of the luminescent tetranuclear complex [NBu ₄] ₂ [(C ₆ F ₅) ₆ (EOH) ₃ Pt ₃ HgCl] with Pt-Hg bonds unsupported by covalent bridging ligands. <i>Journal of Organometallic Chemistry</i> , 2000 , 593-594, 421-426	2.3	5
8	Doppelte Insertion von koordinierten Phosphanylalkinliganden in eine Pt-C ₆ F ₅ -Bindung. <i>Angewandte Chemie</i> , 1999 , 111, 3238-3241	3.6	3
7	Industrial manufacturing and characterization of multiscale CFRP laminates made from prepregs containing graphene-related materials. <i>Materials Research Express</i> , 2020 , 7, 075601	1.7	3
6	Nanotechnology can provide a real breakthrough in the anti-slip properties of safety footwear soles. <i>Footwear Science</i> , 2015 , 7, S58-S60	1.4	2

5	1b-Based Epoxy/Amine Reinforced with Reduced Graphene Oxide (rGO) or GLYMO-rGO: Study of Curing Kinetics, Mechanical Properties, Lamination and Bonding Performance.. <i>Nanomaterials</i> , 2022 , 12,	5.4	1
4	Polyelectrolyte-Assisted Dispersions of Reduced Graphite Oxide Nanoplates in Water and Their Gas-Barrier Application. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 43301-43313	9.5	1
3	Facilitating Safe FFF 3D Printing: A Prototype Material Case Study. <i>Sustainability</i> , 2022 , 14, 3046	3.6	1
2	Preparation of electrically conductive PLA/rGO nanocomposite filaments. <i>Graphene Technology</i> , 2020 , 5, 41-48	1.8	
1	New methodology based on PCA to analyse different pressure contact treads. <i>Footwear Science</i> , 2015 , 7, S70-S72	1.4	