

Julio Gomez

List of Publications by Year in Descending Order

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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	ib-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
57	Facilitating Safe FFF 3D Printing: A Prototype Material Case Study. <i>Sustainability</i> , 2022 , 14, 3046	3.6	1
56	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
55	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
54	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
53	Preparation of electrically conductive PLA/rGO nanocomposite filaments. <i>Graphene Technology</i> , 2020 , 5, 41-48	1.8	
52	Production and processing of graphene and related materials. <i>2D Materials</i> , 2020 , 7, 022001	5.9	179
51	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
50	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
49	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
48	Processing influence on dielectric, mechanical, and electrical properties of reduced graphene oxide/PU nanocomposites. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47220	2.9	10
47	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
46	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
45	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
44	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
43	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
42	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

41	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
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	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
38	New methodology based on PCA to analyse different pressure contact treads. <i>Footwear Science</i> , 2015 , 7, S70-S72	1.4	
37	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
36	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
35	Ni doped Fe ₃ O ₄ magnetic nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 2652-60	1.3	38
34	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
33	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
32	Synthesis, Structures, and Luminescence Behavior of Mixed Metal Alkynyl Platinum-Cadmium Complexes. <i>Organometallics</i> , 2006 , 25, 2274-2283	3.8	25
31	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
30	Contrasting Thermal and Photochemical Intramolecular Coupling in Alkynylphosphine Platinum(II) Complexes. <i>Organometallics</i> , 2006 , 25, 3926-3934	3.8	15
29	Photoinduced electron transfer in platinum(II) terpyridinyl acetylides connected to a porphyrin unit. <i>Inorganic Chemistry</i> , 2005 , 44, 4806-17	5.1	55
28	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
27	Diastereoselective Synthesis of the Indenylruthenium(II) Complexes [Ru(β-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
26	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
25	Synthesis, structures and photophysics of novel luminescent platinum-copper complexes. <i>Journal of Organometallic Chemistry</i> , 2003 , 670, 221-234	2.3	37
24	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

23	Synthesis, characterization and luminescence properties of homoleptic platinum(II) acetylide complexes. <i>Dalton Transactions</i> , 2003 , 4331-4339	4.3	42
22	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
21	Formation of diphenylphosphanylbutadienyl complexes by insertion of two P-coordinated alkynylphosphanes into a PtbondC6F5 bond: detection of intermediate and reaction products. <i>Chemistry - A European Journal</i> , 2002 , 8, 3698-716	4.8	25
20	A luminescent Pt3Pb cluster with three Pt(II)-Pb(II) bonds. <i>Journal of Organometallic Chemistry</i> , 2002 , 663, 284-288	2.3	18
19	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
18	Diphenyl(phenylethynyl)phosphine d6 [Rh(III), Ir(III), Ru(II)] Complexes: Preparation of Homo (ECl)2 and Hetero (ECl)(PPh2C≡CPh) Bridged d6M8 Compounds. <i>Organometallics</i> , 2002 , 21, 2314-2324	3.8	27
17	Some platinum(II) complexes containing bis(diphenylphosphino)acetylene PPh2CCPPh2: synthesis, characterisation and crystal structures. <i>Dalton Transactions RSC</i> , 2001 , 2132-2140		24
16	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
15	Luminescent alkynyl platinum-cadmium complexes: structural characterization of an unusual decanuclear cluster. <i>Inorganic Chemistry</i> , 2001 , 40, 5415-9	5.1	38
14	Four Thallium(I) Ions Sandwiched by Two Tetraalkynylplatinate ([Pt(C≡CR)4]2-) Fragments: Synthesis and Luminescent Behavior of Pt2Tl4 Species. <i>Organometallics</i> , 2001 , 20, 4847-4851	3.8	52
13	Synthesis and structural characterization of the luminescent tetranuclear complex [NBu4]2[(C6F5)6(EOH)3Pt3HgCl] with PtHg bonds unsupported by covalent bridging ligands. <i>Journal of Organometallic Chemistry</i> , 2000 , 593-594, 421-426	2.3	5
12	Synthesis, Photophysical Properties, and Theoretical Studies of HydrideAlkynyl Platinum(II) Complexes. Molecular Structures of [trans-PtH(C≡CC5H4N-2)(PPh3)2] and [Pt(μ-HC≡CCPh2OH)(PPh3)2]. <i>Organometallics</i> , 2000 , 19, 4385-4397	3.8	33
11	Versatile Behavior of [Pt2Ag4(C≡C-t-Bu)8]: Synthesis, Structures, and Properties of [[Pt2Ag4(C≡C-t-Bu)8]{Ag(bipy)}}4+ and an Unprecedented Chain Polymeric Cocrystallization Adduct with a 2,2'Ebipy Ligand. <i>Organometallics</i> , 2000 , 19, 3137-3144	3.8	59
10	A luminescent polymeric complex containing ten-nuclear platinum-silver [Pt2Ag8(C≡CBut)8(OCIO3)2(acetone)2]+2+ cations in the backbone. <i>Inorganic Chemistry Communication</i> , 1999 , 2, 62-65	3.1	22
9	Doppelte Insertion von koordinierten Phosphanylalkinliganden in eine Pt-C6F5-Bindung. <i>Angewandte Chemie</i> , 1999 , 111, 3238-3241	3.6	3
8	Reactivity of Alkynyl Platinum Complexes towards PPh2H and PPh2(O)H: Unexpected Formation of Alkynyl Tetralithium Diplatinum Compounds Stabilized by B-(BP,O,O-PPh2O)]Ligands. <i>Chemistry - A European Journal</i> , 1999 , 5, 474-491	4.8	38
7	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
6	Unprecedented PtPt Bonded Trimer {[Pt2Cu4(C≡CPh)8]}3 Showing Unusual Near-Infrared Luminescence. <i>Organometallics</i> , 1999 , 18, 3353-3358	3.8	72

5	Synthesis, structural characterisation and luminescence studies of the first alkynyl stabilised platinum–cadmium complexes. <i>Chemical Communications</i> , 1999 , 2045-2046	5.8	26
4	Synthesis of Heterobridged (E 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
3	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
2	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
1	Structural and electrical characterization of new materials with perovskite structure. <i>Solid State Ionics</i> , 1997 , 95, 241-248	3.3	21