

Marie P Cifuentes

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Organometallic Complexes for Nonlinear Optics. 30.1 Electrochromic Linear and Nonlinear Optical Properties of Alkynylbis(diphosphine)ruthenium Complexes. <i>Journal of the American Chemical Society</i> , 2003, 125, 602-610.	13.7	199
2	Metal alkynyl complexes as switchable NLO systems. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2530-2541.	18.8	177
3	Electrochemical Switching of the Cubic Nonlinear Optical Properties of an Aryldiethynyl-Linked Heterobimetallic Complex between Three Distinct States. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7376-7379.	13.8	168
4	Switching the Cubic Nonlinear Optical Properties of an Electrochromic, Halochromic, and Photochromic Ruthenium Alkynyl Complex Across Six States. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7867-7870.	13.8	147
5	Organometallic Complexes for Nonlinear Optics. 22.1 Quadratic and Cubic Hyperpolarizabilities of trans-Bis(bidentate phosphine)ruthenium η^5 -Arylvinylidene and η^5 -Arylalkynyl Complexes. <i>Organometallics</i> , 2001, 20, 4664-4675.	2.3	136
6	Alkynyl compounds and nonlinear optics. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 3968-3981.	1.8	128
7	Increased optical nonlinearities of graphene nanohybrids covalently functionalized by axially-coordinated porphyrins. <i>Carbon</i> , 2013, 53, 327-338.	10.3	117
8	Electrochemical, Spectroelectrochemical, and Molecular Quadratic and Cubic Nonlinear Optical Properties of Alkynylruthenium Dendrimers 1. <i>Journal of the American Chemical Society</i> , 2006, 128, 10819-10832.	13.7	115
9	Dispersion of the Third-Order Nonlinear Optical Properties of an Organometallic Dendrimer 1. <i>Journal of the American Chemical Society</i> , 2004, 126, 12234-12235.	13.7	111
10	Two-Photon and Three-Photon Absorption in an Organometallic Dendrimer. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 731-733.	13.8	111
11	Organometallic Complexes for Nonlinear Optics. 24. Reversible Electrochemical Switching of Nonlinear Absorption. <i>Journal of Physical Chemistry A</i> , 2001, 105, 9625-9627.	2.5	109
12	Covalent functionalization of reduced graphene oxide with porphyrin by means of diazonium chemistry for nonlinear optical performance. <i>Scientific Reports</i> , 2016, 6, 23325.	3.3	98
13	Organometallic complexes for nonlinear optics. <i>Journal of Organometallic Chemistry</i> , 2002, 642, 259-267.	1.8	97
14	Organometallic Complexes for Nonlinear Optics. 11.1 Molecular Quadratic and Cubic Hyperpolarizabilities of Systematically Varied (Cyclopentadienyl)(triphenylphosphine)nickel η^5 -Arylacetylides. <i>Organometallics</i> , 1997, 16, 2631-2637.	2.3	91
15	Independent Switching of Cubic Nonlinear Optical Properties in a Ruthenium Alkynyl Cruciform Complex by Employing Protic and Electrochemical Stimuli. <i>Journal of the American Chemical Society</i> , 2007, 129, 11882-11883.	13.7	84
16	Organometallic complexes for nonlinear optics. <i>Inorganica Chimica Acta</i> , 2003, 352, 9-18.	2.4	81
17	Organometallic Complexes for Nonlinear Optics. 45. Dispersion of the Third-Order Nonlinear Optical Properties of Triphenylamine-Cored Alkynylruthenium Dendrimers. <i>Advanced Materials</i> , 2009, 21, 2318-2322.	21.0	81
18	Length-Dependent Convergence and Saturation Behavior of Electrochemical, Linear Optical, Quadratic Nonlinear Optical, and Cubic Nonlinear Optical Properties of Dipolar Alkynylruthenium Complexes with Oligo(phenyleneethynylene) Bridges. <i>Journal of the American Chemical Society</i> , 2009, 131, 10293-10307.	13.7	80

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19	Group 8 metal alkynyl complexes for nonlinear optics. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 181-200.	1.8	74
20	Convergent Synthesis of Alkynylbis(bidentate phosphine)ruthenium Dendrimers. <i>Organometallics</i> , 2003, 22, 1402-1413.	2.3	73
21	Organometallic Complexes for Nonlinear Optics. 33.1 Electrochemical Switching of the Third-Order Nonlinearity Observed by Simultaneous Femtosecond Degenerate Four-Wave Mixing and Pump-Probe Measurements. <i>Journal of Physical Chemistry A</i> , 2003, 107, 11264-11266.	2.5	73
22	Dispersion of the Third-Order Nonlinear Optical Properties of Triphenylamine-Cored Alkynylruthenium Dendrimers. <i>Advanced Materials</i> , 2005, 17, 1465-1475.	21.0	72
23	Organometallic complexes for nonlinear optics. X. Molecular quadratic and cubic hyperpolarizabilities of systematically varied (cyclopentadienyl)bis(phosphine) ruthenium η^5 -arylacetylides: X-ray crystal structure of Ru((E)-4,4'-C ₆ H ₄ CHC ₆ H ₄ NO ₂)(PPh ₃) ₂ (η^5 -C ₅ H ₅). <i>Journal of Organometallic Chemistry</i> , 1997, 549, 127-137.	1.8	71
24	Third-Order Nonlinear Optical Properties of Some Electron-Rich Iron Mono- and Trinuclear Alkynyl Complexes. <i>Organometallics</i> , 2005, 24, 4280-4288.	2.3	70
25	Organometallic complexes for nonlinear optics. 15. Molecular quadratic hyperpolarizabilities of trans-bis{bis(diphenylphosphino)methane}ruthenium η^5 -aryl- and η^5 -pyridyl-acetylides: X-ray crystal structure of trans-[Ru(2-Ci ⁻ CC ₅ H ₃ N-5-NO ₂)Cl(dppm) ₂]. <i>Journal of Organometallic Chemistry</i> , 1998, 563, 137-146.	1.8	69
26	Bonding and Electron Delocalization in Ruthenium(III) η^5 -Arylacetylide Radicals [trans-Cl(η^5 -2-dppe) ₂ RuC ₆ H ₄ X] ⁺ (X = NO ₂ , C(O)H, C(O)Me, F, H, OMe, NMe ₂): Misleading Aspects of the ESR Anisotropy. <i>Organometallics</i> , 2009, 28, 2253-2266.	2.3	69
27	Syntheses, Structure, and Molecular Cubic Hyperpolarizabilities of Systematically Varied Ethynylgold(I) Complexes. <i>Organometallics</i> , 2000, 19, 2968-2974.	2.3	66
28	Facile hydrothermal synthesis and optical limiting properties of TiO ₂ -reduced graphene oxide nanocomposites. <i>Carbon</i> , 2015, 89, 130-141.	10.3	66
29	Electron-Rich Iron/Ruthenium Arylalkynyl Complexes for Third-Order Nonlinear Optics: Redox-Switching between Three States. <i>Chemistry - A European Journal</i> , 2011, 17, 5561-5577.	3.3	64
30	Organometallic complexes for non-linear optics VII. Cubic optical non-linearities of octahedral trans-bis{bis(diphenylphosphino)methane}ruthenium acetylide complexes; X-ray crystal structure of trans-[Ru(Ci ⁻ ¼CPH)(4-Ci ⁻ ¼CC ₆ H ₄ NO ₂)(dppm) ₂]. <i>Journal of Organometallic Chemistry</i> , 1996, 526, 99-103.	1.8	62
31	Syntheses and NLO properties of metal alkynyl dendrimers. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2025-2038.	18.8	60
32	Organometallic complexes for nonlinear optics. <i>Journal of Organometallic Chemistry</i> , 2003, 670, 56-65.	1.8	59
33	Syntheses and quadratic hyperpolarizabilities of some (pyridylalkynyl)metal complexes: crystal structures of [Ni{2-(Ci ⁻ ¼C ₅ H ₃ NNO ₂ -5)(PPh ₃)(η^5 -C ₅ H ₅)}, [Au{2-(Ci ⁻ ¼C ₅ H ₃ NNO ₂ -5)(PPh ₃)}] and [Au{2-(Ci ⁻ ¼C ₅ H ₄ N)(PPh ₃)}]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 4167-4174.	1.1	57
34	Synthesis and Nonlinear Optical Properties of η^5 -Monocyclopentadienyliron(II) Acetylide Derivatives. X-ray Crystal Structures of [Fe(η^5 -C ₅ H ₅)(DPPE)(p-C ₆ H ₄ NO ₂)] and [Fe(η^5 -C ₅ H ₅)(DPPE)((E)-p-C ₆ H ₄ C(H)(H)C ₆ H ₄ NO ₂)]. <i>Organometallics</i> , 2002, 21, 2107-2118.	2.3	56
35	Optical limiting properties of (reduced) graphene oxide covalently functionalized by coordination complexes. <i>Coordination Chemistry Reviews</i> , 2018, 375, 489-513.	18.8	56
36	A Rapid Convergent Approach to Organometallic Dendrimers: A Sterically Controlled Dendron Synthesis. <i>Organometallics</i> , 2002, 21, 2353-2355.	2.3	55

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37	Cyclopentadienyl-ruthenium and -osmium chemistry. <i>Journal of Organometallic Chemistry</i> , 1989, 359, 379-399.	1.8	54
38	Facile Synthesis and Enhanced Nonlinear Optical Properties of Porphyrin-Functionalized Multi-Walled Carbon Nanotubes. <i>Chemistry - A European Journal</i> , 2013, 19, 14159-14170.	3.3	49
39	Ruthenium clusters containing N-donor ligands. <i>Polyhedron</i> , 1991, 10, 277-322.	2.2	44
40	Multistate Redox-Active Metalated Triarylaminines. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 65-75.	2.0	41
41	Tetrazine Chromophore-Based Metal-Organic Frameworks with Unusual Configurations: Synthetic, Structural, Theoretical, Fluorescent, and Nonlinear Optical Studies. <i>Chemistry - A European Journal</i> , 2015, 21, 7914-7926.	3.3	41
42	Blue-shifted emission and enhanced quantum efficiency via π -bridge elongation in carbazole-carborane dyads. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 15719-15726.	2.8	41
43	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
44	Record Multiphoton Absorption Cross-Sections by Dendrimer Organometalation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2387-2391.	13.8	40
45	Mixed-Metal Cluster Chemistry. 21. Synthesis and Crystallographic and Electrochemical Studies of Alkyne-Coordinated Group 6 Iridium Clusters Linked by Phenylenevinylene Groups. <i>Organometallics</i> , 2003, 22, 284-301.	2.3	39
46	Organometallic complexes for nonlinear optics. <i>Journal of Organometallic Chemistry</i> , 2003, 670, 248-255.	1.8	38
47	A 1,3-dipolar cycloaddition protocol to porphyrin-functionalized reduced graphene oxide with a push-pull motif. <i>Nano Research</i> , 2015, 8, 870-886.	10.4	38
48	Organometallic complexes for nonlinear optics. <i>Journal of Organometallic Chemistry</i> , 2000, 605, 193-201.	1.8	37
49	Organometallic complexes for nonlinear optics. <i>Journal of Organometallic Chemistry</i> , 2000, 605, 184-192.	1.8	37
50	Organometallic Complexes for Nonlinear Optics. 43. Quadratic Optical Nonlinearities of Dipolar Alkynylruthenium Complexes with Phenyleneethynylene/Phenylenevinylene Bridges. <i>Inorganic Chemistry</i> , 2009, 48, 3562-3572.	4.0	37
51	Transition metal complex/gold nanoparticle hybrid materials. <i>Chemical Society Reviews</i> , 2020, 49, 2316-2341.	38.1	37
52	Organometallic complexes for nonlinear optics. <i>Journal of Organometallic Chemistry</i> , 2000, 610, 71-79.	1.8	35
53	Organometallic complexes for nonlinear optics. 37: Synthesis and third-order nonlinear optical properties of a hexarutheniumtriplatinum dendrimer. <i>Polyhedron</i> , 2007, 26, 284-289.	2.2	35
54	Organometallic Complexes for Nonlinear Optics. 42. Syntheses, Linear, and Nonlinear Optical Properties of Ligated Metal-Functionalized Oligo(<i>p</i> -phenyleneethynylene)s. <i>Inorganic Chemistry</i> , 2009, 48, 6534-6547.	4.0	35

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55	TiO ₂ multi-walled carbon nanotube nanocomposites: hydrothermal synthesis and temporally-dependent optical properties. <i>RSC Advances</i> , 2016, 6, 20120-20127.	3.6	32
56	Cubic nonlinear optical properties of new zinc tetraphenyl porphyrins peripherally functionalized with electron-rich Ru(II) alkynyl substituents. <i>Tetrahedron</i> , 2012, 68, 10351-10359.	1.9	31
57	Multi-walled carbon nanotubes covalently functionalized by axially coordinated metal-porphyrins: Facile syntheses and temporally dependent optical performance. <i>Nano Research</i> , 2016, 9, 458-472.	10.4	31
58	Coordinating Tectons: Bipyridyl Terminated Allenylidene Complexes. <i>Organometallics</i> , 2008, 27, 1716-1726.	2.3	30
59	Cooperative enhancement of optical nonlinearities in a porphyrin derivative bearing a pyrimidine chromophore at the periphery. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4250.	2.8	30
60	High Nuclearity Ruthenium Carbonyl Cluster Chemistry. 5.1 Local Density Functional, Electronic Spectroscopy, Magnetic Susceptibility, and Electron Paramagnetic Resonance Studies on (Carbido)decaruthenium Carbonyl Clusters. <i>Journal of the American Chemical Society</i> , 1997, 119, 2647-2655.	13.7	28
61	Organometallic complexes for nonlinear optics. Part 36. Quadratic and cubic optical nonlinearities of 4-fluorophenylethynyl- and 4-nitro-(E)-stilbenylethynylruthenium complexes. <i>Inorganica Chimica Acta</i> , 2006, 359, 998-1005.	2.4	28
62	Organometallic Complexes for Nonlinear Optics. 39.1 Syntheses and Third-Order Nonlinear Optical Properties of First-Generation Peripherally Metalated Arylalkynyl Dendrimers. <i>Organometallics</i> , 2007, 26, 4456-4463.	2.3	28
63	Ammonium crown ether supramolecular cation-templated assembly of an unprecedented heterobicyclic metal coordination polymer with enhanced NLO properties. <i>Chemical Communications</i> , 2016, 52, 3797-3800.	4.1	28
64	Organometallic materials for non-linear optics. Second harmonic generation by (aryldiazovinylidene) ruthenium complexes; X-ray structure of [Ru(Ci→CPhNi→NC6H4OMe-4)(PPh3)2(i-C5H5)][BF4]·CH2Cl2. <i>Journal of Organometallic Chemistry</i> , 1994, 471, 193-199.		27
65	Organometallic complexes for nonlinear optics. <i>Journal of Organometallic Chemistry</i> , 2001, 633, 114-124.	1.8	26
66	Exceptionally large two- and three-photon absorption cross-sections by OPV organometalation. <i>Chemical Communications</i> , 2016, 52, 8301-8304.	4.1	26
67	Ruthenium Cluster Chemistry with Ph2PC6H4-4-C≡CH. <i>Journal of Cluster Science</i> , 2001, 12, 201-221.	3.3	24
68	Solvent-induced syntheses of 2D/3D [AgSCN] _n -based supramolecular isomers with unusual topologies: structural, theoretical and nonlinear optical studies. <i>CrystEngComm</i> , 2012, 14, 2787.	2.6	23
69	2,7-Fluorenyl-Bridged Complexes Containing Electroactive Fe(i-C ₅ -C ₅ Me ₅)(i ² -dppe)C≡C-End Groups: Molecular Wires and Remarkable Nonlinear Electrochromes. <i>Organometallics</i> , 2015, 34, 5418-5437.		23
70	Cyclopentadienyl-ruthenium and -osmium chemistry. <i>Journal of Organometallic Chemistry</i> , 1988, 338, 237-248.	1.8	22
71	Ruthenium carbonyl cluster complexes with nitrogen ligands. <i>Journal of Organometallic Chemistry</i> , 1993, 458, 211-218.	1.8	22
72	Complexes with S-Donor Ligands. 7. New 1,1-Ethylenedithiolato Complexes of Thallium(I), Gold(I), and Gold(III): Syntheses, Structure, and Molecular Cubic Hyperpolarizabilities. <i>Inorganic Chemistry</i> , 1999, 38, 5018-5026.	4.0	22

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73	Enhanced two-photon absorption cross-sections of zinc(II) tetraphenylporphyrins peripherally substituted with d6-metal alkynyl complexes. <i>New Journal of Chemistry</i> , 2012, 36, 2192.	2.8	22
74	Divergent Synthesis of Ruthenium Alkynyl Dendrimers and a Two-Photon Absorption Cross-Section Dendritic Effect. <i>Macromolecular Rapid Communications</i> , 2012, 33, 573-578.	3.9	22
75	Cyclopentadienyl-Ruthenium and -Osmium Chemistry. XXX. Synthesis and X-Ray Structure of [Ru(dppm-P)(dppm-P,P')(i-C5H5)][PF6]0.5[PO2F2]0.5. <i>Australian Journal of Chemistry</i> , 1988, 41, 597.	0.9	21
76	Syntheses and NLO properties of 1D heterothiometallic anionic W/S/Ag clusters possessing solvent-ytterbium cation-directed isomeric skeletons. <i>New Journal of Chemistry</i> , 2011, 35, 328-338.	2.8	21
77	High-nuclearity ruthenium carbonyl cluster chemistry. Synthesis and x-ray structure of [Ru2(μ -H)(μ -NC5H4)2(CO)4(NC5H5)2][Ru10(μ -H)(μ -6-C)(CO)24]. <i>Organometallics</i> , 1993, 12, 4272-4274.	2.3	20
78	Ruthenium carbonyl cluster complexes with nitrogen ligands. <i>Journal of Organometallic Chemistry</i> , 1994, 466, 211-220.	1.8	20
79	Organometallic complexes for nonlinear optics. <i>Journal of Organometallic Chemistry</i> , 2000, 607, 72-77.	1.8	20
80	Functionalization of reduced graphene oxide with axially-coordinated metal-porphyrins: facile syntheses and temporally-dependent nonlinear optical properties. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 296-305.	6.0	20
81	Mixed-Metal Cluster Chemistry. 30.1 Syntheses and Optical Limiting Properties of Cluster-Containing Oligo- and Polyurethanes. <i>Macromolecules</i> , 2007, 40, 7807-7818.	4.8	19
82	Allyloxyphosphorinane-Functionalized Multiwalled Carbon Nanotubes: Synthesis by Radical Polymerization and Enhanced Optical-Limiting Properties. <i>Chemistry - an Asian Journal</i> , 2014, 9, 639-648.	3.3	19
83	Syntheses, Spectroscopic, Electrochemical, and Third-Order Nonlinear Optical Studies of a Hybrid Tris{ruthenium(alkynyl)/(2-phenylpyridine)}iridium Complex. <i>Chemistry - A European Journal</i> , 2015, 21, 11843-11854.	3.3	19
84	Iron and Ruthenium Alkynyl Complexes with 2-Fluorenyl Groups: Some Linear and Nonlinear Optical Absorption Properties. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3868-3882.	2.0	19
85	Cyclopentadienyl-ruthenium and -osmium chemistry Part XXXIV. Reactions of 1-alkynes with η^5 -vinyl-ruthenium complexes. X-ray structures of Ru(η^5 -3-CH(CO2Me)C(CO2Me)C \equiv CHPh(PPh3)(i-C5H5) and Ru(i-C5H5) η^5 -C3(CO2Me)3CHCtBuCH(CO2Me). <i>Journal of Organometallic Chemistry</i> , 1990, 397, 187-202.	1.8	18
86	Ruthenium clusters with nitrogen ligands V1. Pyridyl ligands on triruthenium cores. X-ray structures of Ru3(η^5 -H)2(η^5 -NC5H4)2(CO)8 and Ru3(η^5 -3- <i>i</i> -2-PPhCH2PPh2)(η^5 -NC5H4)(CO)8. <i>Journal of Organometallic Chemistry</i> , 1996, 513, 201-211.	1.8	18
87	Z-Scan Studies of Dispersion of the Complex Third-Order Nonlinearity of Nonlinear Absorbing Chromophores. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 485, 894-902.	0.9	18
88	A zinc(II) tetraphenylporphyrin peripherally functionalized with redox-active α -trans-[(i-C5H5)Fe(i-C5H5)C C](i ² -dppe)2Ru(C C)- α -substituents: Linear electrochromism and third-order nonlinear optics. <i>Polyhedron</i> , 2015, 86, 64-70.	2.2	18
89	Organometallic Complexes for Nonlinear Optics, 47 α Synthesis and Cubic Optical Nonlinearity of a Stilbenylethynylruthenium Dendrimer. <i>Macromolecular Rapid Communications</i> , 2010, 31, 846-849.	3.9	17
90	Linear and Third-Order Nonlinear Optical Properties of Fe(η^5 -C ₅ Me ₅)(i ² -dppe)- and <i>trans</i> -Ru(i ² -dppe) ₂ -Alkynyl Complexes Containing 2-Fluorenyl End Groups. <i>Organometallics</i> , 2018, 37, 2245-2262.	2.3	17

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91	High-Nuclearity Ruthenium Carbonyl Cluster Chemistry. 2. Reaction of $[Ru_2(\mu-H)(\mu-NC_5H_4)_2(CO)_4(NC_5H_5)_2]$ $[Ru_{10}(\mu-H)(\mu-6-C)(CO)_{24}]$ with Triphenylphosphine: Stepwise Apical Substitution on a "Giant Tetrahedral" Cluster. <i>Organometallics</i> , 1995, 14, 1536-1538.	2.3	16
92	High nuclearity ruthenium carbonyl cluster chemistry III. Synthesis of $[Ru_{10}(\mu_4-H)(\mu_4-C)(CO)_{24}]^{2-}$, its reactivity towards triphenylphosphine and ligand dynamics of the resulting decaruthenium anionic clusters. <i>Journal of Organometallic Chemistry</i> , 1996, 507, 163-178.	1.8	16
93	Organometallic Complexes for Non-linear Optics. 49.* Third-Order Non-linear Optical Spectral Dependence Studies of Arylalkynylruthenium Dendrimers. <i>Australian Journal of Chemistry</i> , 2011, 64, 1269.	0.9	16
94	Record Multiphoton Absorption Cross-Sections by Dendrimer Organometalation. <i>Angewandte Chemie</i> , 2016, 128, 2433-2437.	2.0	16
95	Triphenylamine Derivatives with Para-Disposed Pendant Electron-Rich Organoiron Alkynyl Substituents: Defining the Magnetic Interactions in a Trinuclear Iron(III) Trication. <i>Organometallics</i> , 2012, 31, 1635-1642.	2.3	15
96	Quadratic and cubic hyperpolarizabilities of nitro-phenyl/-naphthalenyl/-anthracenyl alkynyl complexes. <i>Dalton Transactions</i> , 2018, 47, 4560-4571.	3.3	15
97	Nonlinear optical properties of meso-Tetra(fluorenyl)porphyrins peripherally functionalized with one to four ruthenium alkynyl substituents. <i>Dyes and Pigments</i> , 2021, 188, 109155.	3.7	15
98	NLO Molecules and Materials Based on Organometallics: Cubic NLO Properties. <i>Topics in Organometallic Chemistry</i> , 2010, , 57-73.	0.7	15
99	High nuclearity ruthenium carbonyl cluster chemistry VI. Cyclic voltammetric and spectroelectrochemical studies of $[Ru_{10}(\mu_4-H)(\mu_4-C)(CO)_{24}]$ - and $[Ru_{10}(\mu_4-C)(CO)_{24}]^{2-}$. <i>Inorganica Chimica Acta</i> , 1997, 259, 273-280.	2.4	13
100	High nuclearity ruthenium carbonyl cluster chemistry VII. Synthesis, NMR studies, electrochemistry and X-ray crystal structure of $[PPN][Ru_8(\mu_8-P)(CO)_{22}]$. <i>Journal of Organometallic Chemistry</i> , 1998, 565, 193-200.	1.8	12
101	Organometallic complexes for nonlinear optics. 41: Syntheses and quadratic NLO properties of 4-{4-(4-nitrophenyl)diazophenyl}ethynylphenylethynyl complexes. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1605-1613.	1.8	12
102	Stellar Multi-Photon Absorption Materials: Beyond the Telecommunication Wavelength Band. <i>Chemistry - A European Journal</i> , 2017, 23, 8395-8399.	3.3	12
103	Novel Organometallic Compounds for Nonlinear Optics. <i>Journal of Nonlinear Optical Physics and Materials</i> , 1998, 07, 113-120.	1.8	11
104	Linear Optical, Quadratic and Cubic Nonlinear Optical, Electrochemical, and Theoretical Studies of α -Rigid-Bis-Alkynyl Ruthenium Complexes. <i>ChemPlusChem</i> , 2018, 83, 630-642.	2.8	11
105	Ruthenium carbonyl cluster complexes with oxygen ligands. Part 2. Auration of a hexaruthenium μ_6 -raft cluster; crystal structures of $[Ru_6(\mu_3-H)(\mu-H)(\mu-O)(\mu-C:1-6-OC_6H_3OMe-4)(CO)_{16}]$ and $[AuRu_6(\mu_3-H)(\mu-O)(\mu-C:1-6-OC_6H_3OMe-4)(CO)_{16}(PPh_3)]$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 925-930.	1.1	10
106	Syntheses, structural, electrochemical and optical studies of heterobinuclear ruthenium-osmium alkynyl complexes. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 2886-2893.	1.8	10
107	Syntheses and Spectroscopic, Structural, Electrochemical, Spectroelectrochemical, and Theoretical Studies of Osmium(II) Mono- and Bis-Alkynyl Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 10495-10502.	4.0	10
108	Mixed-Metal Cluster Chemistry. 31. Reactions of Dimolybdenum-Diiridium Clusters with Alkylidyne Complexes. <i>Organometallics</i> , 2012, 31, 2582-2588.	2.3	10

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109	Quadratic and Cubic Optical Nonlinearities of Yâ€šshaped and Distortedâ€šshaped Arylalkynylruthenium Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 16332-16341.	3.3	10
110	High-nuclearity ruthenium carbonyl cluster chemistry. 8: Phosphine activation, CO insertion, and deruthenation at a phosphido cluster â€“ X-ray structures of [ppn][Ru8(Î¼8-P)(Î¼4-CO)2(CO)20] and [ppn][Ru7(Î¼7-P)(Î¼4-Î¼2-OCPh)(Î¼4-PPh2)(Î¼4-CO)(CO)17]. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4467-4472.	1.8	9
111	Syntheses of Pentanuclear Group 6 Iridium Clusters by Core Expansion of Tetranuclear Clusters with Ir(CO)2(Î¼5-C5Me4R) (R = H, Me). <i>Inorganic Chemistry</i> , 2013, 52, 11256-11268.	4.0	9
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113	Exceptional Two-Photon Absorption in Alkynylrutheniumâ€“Gold Nanoparticle Hybrids. <i>Nano Letters</i> , 2019, 19, 756-760.	9.1	9
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