

# Carlos M Granadeiro

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2867490/carlos-m-granadeiro-publications-by-year.pdf>

**Version:** 2024-04-27

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.

46  
papers

2,342  
citations

24  
h-index

48  
g-index

49  
ext. papers

2,597  
ext. citations

4.1  
avg, IF

4.65  
L-index

#	Paper	IF	Citations
46	Lindqvist versus Keggin-Type Polyoxometalates as Catalysts for Effective Desulfurization of Fuels. <i>Catalysts</i> , <b>2022</b> , 12, 581	4	1
45	Vanadium C-scorpionate supported on mesoporous aptes-functionalized SBA-15 as catalyst for the peroxidative oxidation of benzyl alcohol. <i>Microporous and Mesoporous Materials</i> , <b>2021</b> , 320, 111111	5.3	1
44	Lanthanopolyoxometalate-Silica Core/Shell Nanoparticles as Potential MRI Contrast Agents. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 3458-3465	2.3	0
43	Solvent-Free Desulfurization System to Produce Low-Sulfur Diesel Using Hybrid Monovacant Keggin-Type Catalyst. <i>Molecules</i> , <b>2020</b> , 25,	4.8	1
42	Large-pore silica spheres as support for samarium-coordinated undecamolybdophosphate: Oxidative desulfurization of diesels. <i>Fuel</i> , <b>2020</b> , 259, 116213	7.1	23
41	Effective Zinc-Substituted Keggin Composite To Catalyze the Removal of Sulfur from Real Diesels under a Solvent-Free System. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 18540-18549	3.9	7
40	Mesoporous nanosilica-supported polyoxomolybdate as catalysts for sustainable desulfurization. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 275, 163-171	5.3	27
39	Multifunctionality in Two Families of Dinuclear Lanthanide(III) Complexes with a Tridentate Schiff-Base Ligand. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 9581-9585	5.1	8
38	Mesoporous Silica vs. Organosilica Composites to Desulfurize Diesel. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 7565		4
37	Oxidative desulfurization strategies using Keggin-type polyoxometalate catalysts: Biphasic versus solvent-free systems. <i>Catalysis Today</i> , <b>2019</b> , 333, 226-236	5.3	33
36	Efficient heterogeneous polyoxometalate-hybrid catalysts for the oxidative desulfurization of fuels. <i>Catalysis Communications</i> , <b>2018</b> , 104, 1-8	3.2	49
35	Efficient Oxidative Desulfurization Processes Using Polyoxomolybdate Based Catalysts. <i>Energies</i> , <b>2018</b> , 11, 1696	3.1	20
34	Improving the Catalytic Performance of Keggin [PWO] for Oxidative Desulfurization: Ionic Liquids versus SBA-15 Composite. <i>Materials</i> , <b>2018</b> , 11,	3.5	24
33	Sustainable Desulfurization Processes Catalyzed by Titanium-Polyoxometalate@TM-SBA-15. <i>Topics in Catalysis</i> , <b>2017</b> , 60, 1140-1150	2.3	20
32	Desulfurization process conciliating heterogeneous oxidation and liquid extraction: Organic solvent or centrifugation/water?. <i>Applied Catalysis A: General</i> , <b>2017</b> , 542, 359-367	5.1	27
31	Catalytic performance and electrochemical behaviour of Metal-organic frameworks: MIL-101(Fe) versus NH <sub>2</sub> -MIL-101(Fe). <i>Polyhedron</i> , <b>2017</b> , 127, 464-470	2.7	55
30	Influence of a porous MOF support on the catalytic performance of Eu-polyoxometalate based materials: desulfurization of a model diesel. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 1515-1522	5.5	79

29	A novel red emitting material based on polyoxometalate@periodic mesoporous organosilica. <i>Microporous and Mesoporous Materials</i> , <b>2016</b> , 234, 248-256	5.3	17
28	Production of ultra-deep sulfur-free diesels using a sustainable catalytic system based on UiO-66(Zr). <i>Chemical Communications</i> , <b>2015</b> , 51, 13818-21	5.8	78
27	Cobalt aluminate nanoparticles supported on MIL-101 structure: catalytic performance investigation. <i>RSC Advances</i> , <b>2015</b> , 5, 4175-4183	3.7	9
26	Effect on selective adsorption of ethane and ethylene of the polyoxometalates impregnation in the metal-organic framework MIL-101. <i>Adsorption</i> , <b>2014</b> , 20, 533-543	2.6	21
25	Novel polyoxometalate silica nano-sized spheres: efficient catalysts for olefin oxidation and the deep desulfurization process. <i>Dalton Transactions</i> , <b>2014</b> , 43, 9518-28	4.3	66
24	Oxidative catalytic versatility of a trivalent polyoxotungstate incorporated into MIL-101(Cr). <i>Catalysis Science and Technology</i> , <b>2014</b> , 4, 1416	5.5	71
23	SiW11Fe@MIL-101(Cr) Composite: A Novel and Versatile Electrocatalyst. <i>ChemElectroChem</i> , <b>2014</b> , 1, 1293-1300	4.3	15
22	Lanthanopolyoxometalates: From the structure of polyanions to the design of functional materials. <i>Polyhedron</i> , <b>2013</b> , 52, 10-24	2.7	37
21	Multifunctional catalyst based on sandwich-type polyoxotungstate and MIL-101 for liquid phase oxidations. <i>Catalysis Today</i> , <b>2013</b> , 210, 142-148	5.3	50
20	Luminescent Transparent Composite Films Based on Lanthanopolyoxometalates and Filmogenic Polysaccharides. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 1890-1896	2.3	13
19	Europium Polyoxometalates Encapsulated in Silica Nanoparticles [Characterization and Photoluminescence Studies. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 2877-2886	2.3	21
18	Dinuclear lanthanide(III) complexes by metal-ion-assisted hydration of di-2-pyridyl ketone azine. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 4145-7	5.1	20
17	Novel heterogeneous catalysts based on lanthanopolyoxometalates supported on MIL-101(Cr). <i>Catalysis Today</i> , <b>2013</b> , 218-219, 35-42	5.3	36
16	Monovacant polyoxometalates incorporated into MIL-101(Cr): novel heterogeneous catalysts for liquid phase oxidation. <i>Applied Catalysis A: General</i> , <b>2013</b> , 453, 316-326	5.1	90
15	An efficient oxidative desulfurization process using terbium-polyoxometalate@MIL-101(Cr). <i>Catalysis Science and Technology</i> , <b>2013</b> , 3, 2404	5.5	118
14	FT-IR, FT-Raman, surface enhanced Raman scattering and computational study of 2-(p-fluorobenzyl)-6-nitrobenzoxazole. <i>Journal of Molecular Structure</i> , <b>2012</b> , 1012, 22-30	3.4	31
13	Photoluminescent bimetallic-3-hydroxypicolinate/graphene oxide nanocomposite. <i>RSC Advances</i> , <b>2012</b> , 2, 9443	3.7	11
12	FT-IR, FT-Raman, SERS and computational study of 5-ethylsulphonyl-2-(o-chlorobenzyl)benzoxazole. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2012</b> , 96, 617-25	4.4	64

11	Vibrational spectroscopic studies and computational study of 4-fluoro-N-(2-hydroxy-4-nitrophenyl)phenylacetamide. <i>Journal of Molecular Structure</i> , <b>2011</b> , 994, 223-234	3.4	36
10	Lanthanopolyoxotungstates in silica nanoparticles: multi-wavelength photoluminescent core/shell materials. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 3313		45
9	IR, Raman and SERS spectra of 2-(methoxycarbonylmethylsulfanyl)-3,5-dinitrobenzene carboxylic acid. <i>Journal of the Brazilian Chemical Society</i> , <b>2009</b> , 20, 549-559	1.5	33
8	Lanthanopolyoxometalates as Building Blocks for Multiwavelength Photoluminescent Organic/Inorganic Hybrid Materials. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 5088-5095	2.3	38
7	FT-IR, FT-Raman, SERS spectra and computational calculations of 4-ethyl-N-(2-hydroxy-5-nitrophenyl)benzamide. <i>Journal of Raman Spectroscopy</i> , <b>2009</b> , 41, n/a-n/a	2.3	4
6	IR, Raman and SERS spectra of 2-phenoxyethylbenzothiazole. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2009</b> , 74, 132-9	4.4	16
5	Surface Modification of Graphene Nanosheets with Gold Nanoparticles: The Role of Oxygen Moieties at Graphene Surface on Gold Nucleation and Growth. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 4796-4802	8.6	763
4	Photoluminescent hybrid materials based on lanthanopolyoxotungstates and 3-hydroxypicolinic acid. <i>Journal of Alloys and Compounds</i> , <b>2008</b> , 451, 422-425	5.7	14
3	Luminescent Polyoxotungstoeuropate Anion-Pillared Layered Double Hydroxides. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 726-734	2.3	48
2	A theoretical interpretation of the abnormal 5D0-7F4 intensity based on the Eu <sup>3+</sup> local coordination in the Na <sub>9</sub> [EuW <sub>10</sub> O <sub>36</sub> ]·4H <sub>2</sub> O polyoxometalate. <i>Journal of Luminescence</i> , <b>2006</b> , 121, 561-567	3.8	177
1	The first one-dimensional lanthanopolyoxotungstoborate. <i>Inorganic Chemistry Communication</i> , <b>2005</b> , 8, 924-927	3.1	21