

SÃ©rgio M F Vilela

List of Publications by Year in descending order

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37
papers

2,235
citations

471509

17
h-index

330143

37
g-index

39
all docs

39
docs citations

39
times ranked

3514
citing authors

#	ARTICLE	IF	CITATIONS
1	Nickel phosphonate MOF as efficient water splitting photocatalyst. <i>Nano Research</i> , 2021, 14, 450-457.	10.4	68
2	Multifunctionality in an Ion-Exchanged Porous Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2021, 143, 1365-1376.	13.7	31
3	Ion-Exchanged UPG-1 as Potential Electrolyte for Fuel Cells. <i>Inorganic Chemistry</i> , 2021, 60, 11803-11812.	4.0	5
4	Novel Antibacterial Azelaic Acid BioMOFs. <i>Crystal Growth and Design</i> , 2020, 20, 370-382.	3.0	37
5	Proton Conductive Zr-Phosphonate UPG-1 Aminoacid Insertion as Proton Carrier Stabilizer. <i>Molecules</i> , 2020, 25, 3519.	3.8	7
6	A new proton-conducting Bi-carboxylate framework. <i>Dalton Transactions</i> , 2019, 48, 11181-11185.	3.3	20
7	Bimetal zeolitic imidazolate framework (ZIF-9) derived nitrogen-doped porous carbon as efficient oxygen electrocatalysts for rechargeable Zn-air batteries. <i>Journal of Power Sources</i> , 2019, 427, 299-308.	7.8	29
8	A Nonlinear Optically Active Bismuth-Camphorate Coordination Polymer. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2437-2443.	2.0	12
9	A robust monolithic metal-organic framework with hierarchical porosity. <i>Chemical Communications</i> , 2018, 54, 13088-13091.	4.1	46
10	Microwave Synthesis of a photoluminescent Metal-Organic Framework based on a rigid tetraphosphonate linker. <i>Inorganica Chimica Acta</i> , 2017, 455, 584-594.	2.4	16
11	Robust Multifunctional Yttrium-Based Metal-Organic Frameworks with Breathing Effect. <i>Inorganic Chemistry</i> , 2017, 56, 1193-1208.	4.0	47
12	Nanometric MIL-125-NH ₂ Metal-Organic Framework as a Potential Nerve Agent Antidote Carrier. <i>Nanomaterials</i> , 2017, 7, 321.	4.1	71
13	Multifunctional metal-organic frameworks: from academia to industrial applications. <i>Chemical Society Reviews</i> , 2015, 44, 6774-6803.	38.1	766
14	Metal-organic frameworks based on uranyl and phosphonate ligands. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 28-36.	1.1	14
15	Multifunctional micro- and nanosized metal-organic frameworks assembled from bisphosphonates and lanthanides. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3311.	5.5	44
16	Coordination polymers based on a glycine-derivative ligand. <i>CrystEngComm</i> , 2014, 16, 8119-8137.	2.6	5
17	Photoluminescent layered lanthanide-organic framework based on a novel trifluorotriphosphonate organic linker. <i>CrystEngComm</i> , 2014, 16, 344-358.	2.6	21
18	Layered Metal-Organic Frameworks Based on Octahedral Lanthanides and a Phosphonate Linker: Control of Crystal Size. <i>Crystal Growth and Design</i> , 2014, 14, 4873-4877.	3.0	16

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19	Structural Diversity of Lanthanum-Organic Frameworks Based on 1,4-Phenylenebis(methylene)diphosphonic Acid. <i>Crystal Growth and Design</i> , 2013, 13, 543-560.	3.0	19
20	Lanthanide-polyphosphonate coordination polymers combining catalytic and photoluminescence properties. <i>Chemical Communications</i> , 2013, 49, 6400.	4.1	51
21	Multi-functional metal-organic frameworks assembled from a tripodal organic linker. <i>Journal of Materials Chemistry</i> , 2012, 22, 18354.	6.7	50
22	5-[4-(Diethoxyphosphoryl)-2,3,5,6-tetrafluorophenyl]-10,15,20-tris(pentafluorophenyl)porphyrin. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2012, 68, o104-o107.	0.4	3
23	Ligand design for functional metal-organic frameworks. <i>Chemical Society Reviews</i> , 2012, 41, 1088-1110.	38.1	725
24	High doses of olive leaf extract induce liver changes in mice. <i>Food and Chemical Toxicology</i> , 2011, 49, 1989-1997.	3.6	23
25	1,3,5-Tris(bromomethyl)benzene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011, 67, o198-o200.	0.4	2
26	Ferroelectricity in antiferromagnetic phases of $\text{Eu}_{1-x}\text{Y}_x\text{MnO}_3$. <i>Solid State Communications</i> , 2011, 151, 368-371.	1.9	14
27	Structure and physical properties of $\text{Eu}_{0.8}\text{Y}_{0.2}\text{MnO}_3$ ceramics. <i>Journal of Electroceramics</i> , 2010, 25, 203-211.	2.0	15
28	(R)-(1-Ammonioethyl)phosphonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2271-o2272.	0.2	4
29	(R)-(1-Ammoniopropyl)phosphonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2823-o2824.	0.2	0
30	Trimethyl 2,2,2-tris[1,3,5-triazine-2,4,6-triyltris(azanediyl)]triacetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o3243-o3244.	0.2	1
31	Polar properties and phase sequence in $\text{Eu}_{0.8}\text{Y}_{0.2}\text{MnO}_3$. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 125901.	1.8	7
32	Caracterização da mitocôndria isolada de tilápia-do-nilo (<i>Oreochromis niloticus</i>) e alterações da bioenergética mitocondrial causadas pela exposição herbicida oxifluorfena. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2009, 61, 386-392.	0.4	3
33	Polar properties of $\text{Eu}_{0.6}\text{Y}_{0.4}\text{MnO}_3$ ceramics and their magnetic field dependence. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 446002.	1.8	7
34	Mitochondrial toxicity of the phytochemicals daphnetoxin and daphnoretin – Relevance for possible anti-cancer application. <i>Toxicology in Vitro</i> , 2009, 23, 772-779.	2.4	30
35	Are fentanyl and remifentanil safe opioids for rat brain mitochondrial bioenergetics?. <i>Mitochondrion</i> , 2009, 9, 247-253.	3.4	18
36	Glycine methyl ester hydrochloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1970-o1970.	0.2	5

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37	Methyl 2-(4,6-dichloro-1,3,5-triazin-2-ylamino)acetate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1985-o1986.	0.2	2