

# Álvaro Gil

## List of Publications by Year in descending order

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27  
papers

687  
citations

686830

13  
h-index

580395

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

995  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic performance of a metal-free graphene oxide-Al <sub>2</sub> O <sub>3</sub> composite assembled by 3D printing. <i>Journal of the European Ceramic Society</i> , 2021, 41, 1399-1406.	2.8	12
2	Evaluation of technological properties of fired clay bricks containing pyrrhotite ash. <i>Construction and Building Materials</i> , 2021, 269, 121312.	3.2	23
3	Broadband terahertz ZnO photonic crystals fabricated by 3D printing. <i>Ceramics International</i> , 2019, 45, 6223-6227.	2.3	12
4	3D-printed graphene-Al <sub>2</sub> O <sub>3</sub> composites with complex mesoscale architecture. <i>Ceramics International</i> , 2018, 44, 5760-5767.	2.3	26
5	3D Printed Composites of Copper-Aluminum Oxides. <i>3D Printing and Additive Manufacturing</i> , 2018, 5, 46-52.	1.4	7
6	Three-Dimensional Printing in Catalysis: Combining 3D Heterogeneous Copper and Palladium Catalysts for Multicatalytic Multicomponent Reactions. <i>ACS Catalysis</i> , 2018, 8, 392-404.	5.5	88
7	Synthesis and characterization of three dimensionally ordered macroporous of CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> ceramics. <i>Materials Letters</i> , 2017, 190, 28-32.	1.3	9
8	An efficient and recyclable 3D printed Al <sub>2</sub> O <sub>3</sub> catalyst for the multicomponent assembly of bioactive heterocycles. <i>Applied Catalysis A: General</i> , 2017, 530, 203-210.	2.2	82
9	Fabrication of ZnO periodic structures by 3D printing. <i>Journal of the European Ceramic Society</i> , 2016, 36, 3409-3415.	2.8	55
10	3D printing of Al <sub>2</sub> O <sub>3</sub> photonic crystals for terahertz frequencies. <i>RSC Advances</i> , 2016, 6, 2450-2454.	1.7	24
11	3D printing of a heterogeneous copper-based catalyst. <i>Journal of Catalysis</i> , 2016, 334, 110-115.	3.1	167
12	Time-domain terahertz spectrometer for angular reflection measurements. <i>Journal of Physics: Conference Series</i> , 2015, 605, 012026.	0.3	2
13	Sol-gel entrapped Cu in a silica matrix: An efficient heterogeneous nanocatalyst for Huisgen and Ullmann intramolecular coupling reactions. <i>Applied Catalysis A: General</i> , 2015, 502, 86-95.	2.2	21
14	Anatase and rutile TiO <sub>2</sub> monodisperse microspheres by rapid thermal annealing: A method to avoid sintering at high temperatures. <i>Materials Letters</i> , 2015, 141, 203-206.	1.3	27
15	Optimal filling fraction of Ta <sub>2</sub> O <sub>5</sub> inverse opals. <i>Optical Materials</i> , 2013, 36, 178-181.	1.7	4
16	Copper-Catalyzed Huisgen 1,3-Dipolar Cycloaddition under Oxidative Conditions: Polymer-Assisted Assembly of 4-Acyl-1-Substituted-1,2,3-Triazoles. <i>Journal of Organic Chemistry</i> , 2013, 78, 6540-6549.	1.7	23
17	Preparation and characterization of Ce-doped and Zr-doped sol-gel inks of titanium alkoxide. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 64, 436-441.	1.1	2
18	Diffraction masks by confocal microscopy. , 2011, , .		0

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19	Stress-free production and effective medium model of colloidal crystals. <i>Journal of Materials Chemistry</i> , 2007, 17, 2434-2439.	6.7	10
20	Formation of 2D colloidal crystals by the Langmuir-Blodgett technique monitored in situ by Brewster angle microscopy. <i>Journal of Colloid and Interface Science</i> , 2007, 307, 304-307.	5.0	11
21	Different J-Aggregates of an Amphiphilic Cyanine Dye in Monolayers at the Air-Water Interface. <i>Langmuir</i> , 2003, 19, 6430-6435.	1.6	13
22	Surface Pressure-Area Isotherms and Fluorescent Behavior of a 6-(N-Methyl-N-alkylamine) Naphthoylalkanoic Acid (MANA). <i>Langmuir</i> , 2002, 18, 9824-9829.	1.6	0
23	Effect of Additives on J-Aggregate Formation of a Merocyanine and Energy Transfer in Monolayers at the Air-Water Interface. <i>Langmuir</i> , 2002, 18, 8527-8534.	1.6	11
24	Surface Pressure-Area Isotherms and Fluorescent Behavior of Phospholipids Containing Labeled Pyrene. <i>Journal of Colloid and Interface Science</i> , 2002, 250, 128-133.	5.0	16
25	Mixed Monolayers of Cyclosporin-A and Phospholipids at the Air-Water Interface. <i>Journal of Colloid and Interface Science</i> , 2001, 235, 241-246.	5.0	10
26	Photophysical Study of Pyrene-Labeled Phospholipids at the Gas/Water Interface. <i>Langmuir</i> , 2000, 16, 9347-9351.	1.6	7
27	The size of sodium dodecyl sulfate micelles in the presence of n-alcohols as determined by fluorescence quenching measurements. <i>Colloid and Polymer Science</i> , 1995, 273, 876-880.	1.0	25