Ãlvaro Gil

List of Publications by Year
in descending order

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	3D printing of a heterogeneous copper-based catalyst. Journal of Catalysis, 2016, 334, 110-115.	3.1	167
2	Three-Dimensional Printing in Catalysis: Combining 3D Heterogeneous Copper and Palladium Catalysts for Multicatalytic Multicomponent Reactions. ACS Catalysis, 2018, 8, 392-404.	5.5	88
3	An efficient and recyclable 3D printed Î±-Al 2 O 3 catalyst for the multicomponent assembly of bioactive heterocycles. Applied Catalysis A: General, 2017, 530, 203-210.	2.2	82
4	Fabrication of ZnO periodic structures by 3D printing. Journal of the European Ceramic Society, 2016, 36, 3409-3415.	2.8	55
5	Anatase and rutile TiO2 monodisperse microspheres by rapid thermal annealing: A method to avoid sintering at high temperatures. Materials Letters, 2015, 141, 203-206.	1.3	27
6	3D-printed graphene-Al2O3 composites with complex mesoscale architecture. Ceramics International, 2018, 44, 5760-5767.	2.3	26
7	The size of sodium dodecyl sulfate micelles in the presence ofn-alcohols as determined by fluorescence quenching measurements. Colloid and Polymer Science, 1995, 273, 876-880.	1.0	25
8	3D printing of Al₂O₃ photonic crystals for terahertz frequencies. RSC Advances, 2016, 6, 2450-2454.	1.7	24
9	Copper-Catalyzed Huisgen 1,3-Dipolar Cycloaddition under Oxidative Conditions: Polymer-Assisted Assembly of 4-Acyl-1-Substituted-1,2,3-Triazoles. Journal of Organic Chemistry, 2013, 78, 6540-6549.	1.7	23
10	Evaluation of technological properties of fired clay bricks containing pyrrhotite ash. Construction and Building Materials, 2021, 269, 121312.	3.2	23
11	Solâ€“gel entrapped Cu in a silica matrix: An efficient heterogeneous nanocatalyst for Huisgen and Ullmann intramolecular coupling reactions. Applied Catalysis A: General, 2015, 502, 86-95.	2.2	21
12	Surface Pressureâ€“Area Isotherms and Fluorescent Behavior of Phospholipids Containing Labeled Pyrene. Journal of Colloid and Interface Science, 2002, 250, 128-133.	5.0	16
13	Different J-Aggregates of an Amphiphilic Cyanine Dye in Monolayers at the Airâ^'Water Interfaceâ€. Langmuir, 2003, 19, 6430-6435.	1.6	13
14	Broadband terahertz ZnO photonic crystals fabricated by 3D printing. Ceramics International, 2019, 45, 6223-6227.	2.3	12
15	Catalytic performance of a metal-free graphene oxide-Al2O3 composite assembled by 3D printing. Journal of the European Ceramic Society, 2021, 41, 1399-1406.	2.8	12
16	Effect of Additives on J-Aggregate Formation of a Merocyanine and Energy Transfer in Monolayers at the Airâ^'Water Interface. Langmuir, 2002, 18, 8527-8534.	1.6	11
17	Formation of 2D colloidal crystals by the Langmuirâ€“Blodgett technique monitored in situ by Brewster angle microscopy. Journal of Colloid and Interface Science, 2007, 307, 304-307.	5.0	11
18	Mixed Monolayers of Cyclosporin-A and Phospholipids at the Airâ€“Water Interface. Journal of Colloid and Interface Science, 2001, 235, 241-246.	5.0	10

#	Article	IF	Citations
19	Stress-free production and effective medium model of colloidal crystals. Journal of Materials Chemistry, 2007, 17, 2434-2439.	6.7	10
20	Synthesis and characterization of three dimensionally ordered macroporous of CaCu 3 Ti 4 O 12 ceramics. Materials Letters, 2017, 190, 28-32.	1.3	9
21	Photophysical Study of Pyrene-Labeled Phospholipids at the Gas/Water Interface. Langmuir, 2000, 16, 9347-9351.	1.6	7
22	3D Printed Composites of Copperâ€“Aluminum Oxides. 3D Printing and Additive Manufacturing, 2018, 5, 46-52.	1.4	7
23	Optimal filling fraction of Ta2O5 inverse opals. Optical Materials, 2013, 36, 178-181.	1.7	4
24	Preparation and characterization of Ce-doped and Zr-doped solâ€“gel inks of titanium alkoxide. Journal of Sol-Gel Science and Technology, 2012, 64, 436-441.	1.1	2
25	Time-domain terahertz spectrometer for angular reflection measurements. Journal of Physics: Conference Series, 2015, 605, 012026.	0.3	2
26	Surface Pressureâ^'Area Isotherms and Fluorescent Behavior of a Ï‰-6-(N-Methyl-N-alkylamine) Naphthoylalkanoic Acid (MANA). Langmuir, 2002, 18, 9824-9829.	1.6	0
27	Diffractive masks by confocal microscopy. , 2011, , .		0