

# Rafael Ibanez

## List of Publications by Year in descending order

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20  
papers

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citations

687220

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752573

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20  
all docs

20  
docs citations

20  
times ranked

756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Materials, Techniques, and Conservation of Historic Stained Glass "Grisailles": International Journal of Applied Glass Science, 2016, 7, 41-58.	1.0	26
2	Laser ablation of a silicon target in chloroform: formation of multilayer graphite nanostructures. Journal Physics D: Applied Physics, 2013, 46, 135301.	1.3	12
3	Production of Nanometer-Size GaAs Nanocrystals by Nanosecond Laser Ablation in Liquid. Journal of Nanoscience and Nanotechnology, 2012, 12, 6774-6778.	0.9	24
4	Silicon Nanocrystals Produced by Nanosecond Laser Ablation in an Organic Liquid. Journal of Physical Chemistry C, 2011, 115, 5147-5151.	1.5	66
5	Soil emissivity and reflectance spectra measurements. Applied Optics, 2009, 48, 3664.	2.1	40
6	X-Ray Diffraction Line-Broadening Study on Two Vibrating, Dry-Milling Procedures in Kaolinites. Clays and Clay Minerals, 2009, 57, 25-34.	0.6	13
7	A new cleaning method for historic stained glass windows. Journal of Cultural Heritage, 2008, 9, e73-e80.	1.5	7
8	A novel method of nanocrystal fabrication based on laser ablation in liquid environment. Superlattices and Microstructures, 2008, 43, 487-493.	1.4	37
9	Synthesis of new molybdenum-tungsten, vanadium-tungsten and vanadium-molybdenum-tungsten oxynitrides from freeze-dried precursors. Journal of Solid State Chemistry, 2004, 177, 2423-2431.	1.4	15
10	Pd <sub>2</sub> Mo <sub>3</sub> N: a new molybdenum bimetallic interstitial nitride. Journal of Materials Chemistry, 2001, 11, 2311-2314.	6.7	22
11	Synthesis of new vanadium-chromium and chromium-molybdenum oxynitrides by direct ammonolysis of freeze-dried precursors. Journal of Materials Chemistry, 2000, 10, 2537-2541.	6.7	14
12	Freeze-dried precursor-based synthesis of new vanadium-molybdenum oxynitrides. Journal of Materials Chemistry, 1999, 9, 3167-3171.	6.7	14
13	Structural and magnetic characterization of calcium copper formates, CaCu(HCOO) <sub>4</sub> and Ca <sub>2</sub> Cu(HCOO) <sub>6</sub> : two new one-dimensional ferromagnetic bis(μ-oxo-ligand)-bridged chains. Inorganic Chemistry, 1992, 31, 2915-2919.	1.9	31
14	Laser floating zone growth of textured Ag/(Bi,Pb) <sub>1-x</sub> Sr <sub>x</sub> Ca <sub>1-x</sub> Cu <sub>1-x</sub> O superconductors. Advanced Materials, 1992, 4, 505-508.	11.1	2
15	Oxovanadium(IV) hydrogen phosphate hydrates: a time-resolved neutron powder diffraction study. Chemistry of Materials, 1991, 3, 407-413.	3.2	20
16	New vanadyl hydrogenphosphate hydrates. Electronic spectra of the VO <sub>2</sub> <sup>+</sup> ion in the VO(H <sub>x</sub> PO <sub>4</sub> ) <sub>x</sub> ·yH <sub>2</sub> O system. Materials Research Bulletin, 1989, 24, 1347-1360.	2.7	25
17	Vanadyl phosphate dihydrate, a solid acid: the role of water in VOPO <sub>4</sub> ·1/2H <sub>2</sub> O and its sodium derivatives Na <sub>x</sub> (V <sup>IV</sup> ·xV <sup>V</sup> ·xO)PO <sub>4</sub> ·1/2(2+x)H <sub>2</sub> O. Journal of Inclusion Phenomena, 1988, 6, 193-211.	0.6	23
18	High-Tc YBACuO superconductors from metallo-organic precursors. Materials Research Bulletin, 1988, 23, 987-992.	2.7	6

#	ARTICLE	IF	CITATIONS
19	Extremely weak magnetic exchange interactions in terpy-containing copper(II) dimer. Crystal and molecular structure of Cu(terpy)(CA).H <sub>2</sub> O and [Cu <sub>2</sub> (terpy) <sub>2</sub> (CA)](PF <sub>6</sub> ) <sub>2</sub> complexes (terpy =) Tj ETQq1 1 0.7843141rgBT /Overclock 10T	1.5	3
20	Influence of the charge transfer state on the luminescence characteristics of Er <sup>3+</sup> in alkaline-earth thiogallates MGa <sub>2</sub> S <sub>4</sub> . Journal of Luminescence, 1984, 29, 389-398.	1.5	3