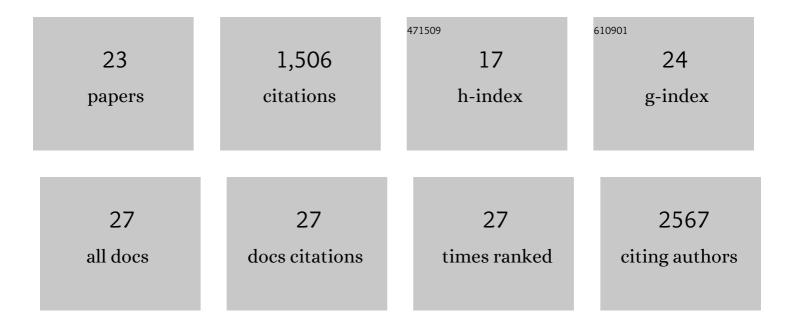
Dario Buso

List of Publications by Year in descending order

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DARIO RUSO

#	Article	IF	CITATIONS
1	Using Functional Nano- and Microparticles for the Preparation of Metal–Organic Framework Composites with Novel Properties. Accounts of Chemical Research, 2014, 47, 396-405.	15.6	264
2	A new method to position and functionalize metal-organic framework crystals. Nature Communications, 2011, 2, 237.	12.8	225
3	Gold Nanoparticle-Doped TiO ₂ Semiconductor Thin Films: Gas Sensing Properties. Advanced Functional Materials, 2008, 18, 3843-3849.	14.9	199
4	Highly Luminescent Metal–Organic Frameworks Through Quantum Dot Doping. Small, 2012, 8, 80-88.	10.0	132
5	Patterning Techniques for Metal Organic Frameworks. Advanced Materials, 2012, 24, 3153-3168.	21.0	111
6	Fast Synthesis of MOF-5 Microcrystals Using Solâ^Gel SiO ₂ Nanoparticles. Chemistry of Materials, 2011, 23, 929-934.	6.7	106
7	Dynamic Control of MOFâ€5 Crystal Positioning Using a Magnetic Field. Advanced Materials, 2011, 23, 3901-3906.	21.0	64
8	Magnetic framework composites for polycyclic aromatic hydrocarbon sequestration. Journal of Materials Chemistry, 2012, 22, 11470.	6.7	62
9	PbS-Doped Mesostructured Silica Films with High Optical Nonlinearity. Chemistry of Materials, 2005, 17, 4965-4970.	6.7	52
10	Self-assembled gold nanoparticle monolayers in sol–gel matrices: synthesis and gas sensing applications. Journal of Materials Chemistry, 2009, 19, 2051.	6.7	44
11	Nanostructured sol–gel silica thin films doped with NiO and SnO2for gas sensing applications. Journal of Materials Chemistry, 2004, 14, 2889-2895.	6.7	43
12	Highly Nonâ€Linear Quantum Dot Doped Nanocomposites for Functional Threeâ€Dimensional Structures Generated by Twoâ€Photon Polymerization. Advanced Materials, 2010, 22, 2463-2467.	21.0	32
13	Optimized Electroless Silver Coating for Optical and Plasmonic Applications. Plasmonics, 2012, 7, 633-639.	3.4	32
14	Growth of Cookie-like Au/NiO Nanoparticles in SiO ₂ Sol–Gel Films and Their Optical Gas Sensing Properties. Crystal Growth and Design, 2008, 8, 744-749.	3.0	25
15	Three-dimensional hybrid photonic crystals merged with localized plasmon resonances. Optics Express, 2010, 18, 4491.	3.4	23
16	Chemical Tailoring of Hybrid Solâ^'Gel Thick Coatings As Hosting Matrix for Functional Patterned Microstructures. ACS Applied Materials & Interfaces, 2011, 3, 245-251.	8.0	22
17	Complete Characterization of α-Hopeite Microparticles: An Ideal Nucleation Seed for Metal Organic Frameworks. Crystal Growth and Design, 2011, 11, 5268-5274.	3.0	19
18	Gold nanoparticles to boost the gas sensing performance of porous sol–gel thin films. Journal of Sol-Gel Science and Technology, 2011, 60, 366-377.	2.4	15

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# /	Article	IF	CITATIONS
19 E	Engineering the refractive index of three-dimensional photonic crystals through multilayer deposition of CdS films. Optics Express, 2010, 18, 1033.	3.4	9
20 g	Influence of the relative humidity on aminosilane molecular grafting properties. Journal of Sol-Gel Science and Technology, 2011, 60, 246-253.	2.4	3
	Active three-dimensional photonic crystals with high third-order nonlinearity in telecommunication. , 2009, , .		1
	Amino Functionalized SiO2nanoparticles for seeding MOF-5. IOP Conference Series: Materials Science and Engineering, 2011, 18, 052006.	0.6	1
23 F	Functional three-dimensional nonlinear nanostructures in a gold ion nanocomposite. , 2011, , .		0