

# Aurelio Bifulco

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18  
papers

198  
citations

9  
h-index

13  
g-index

22  
ext. papers

356  
ext. citations

4.5  
avg, IF

3.02  
L-index

#	Paper	IF	Citations
18	Suitability and Sustainability of Anti-Graffiti Treatments on Natural Stone Materials. <i>Sustainability</i> , <b>2022</b> , 14, 575	3.6	1
17	Recent Advances in Endocrine Disrupting Compounds Degradation through Metal Oxide-Based Nanomaterials. <i>Catalysts</i> , <b>2022</b> , 12, 289	4	3
16	Electrospinning of PVP-based ternary composites containing SiO <sub>2</sub> nanoparticles and hybrid TiO <sub>2</sub> microparticles with adsorbed superoxide radicals. <i>Composites Part B: Engineering</i> , <b>2022</b> , 238, 109874	10	1
15	Recent advances in flame retardant epoxy systems containing non-reactive DOPO based phosphorus additives. <i>Polymer Degradation and Stability</i> , <b>2022</b> , 200, 109962	4.7	1
14	Tailoring the hydrophobicity of wrinkled silica nanoparticles and of the adsorption medium as a strategy for immobilizing lipase: An efficient catalyst for biofuel production. <i>Microporous and Mesoporous Materials</i> , <b>2021</b> , 328, 111504	5.3	4
13	Structure and Bottom-up Formation Mechanism of Multisheet Silica-Based Nanoparticles Formed in an Epoxy Matrix through an Process. <i>Langmuir</i> , <b>2021</b> , 37, 8886-8893	4	5
12	Fire and mechanical properties of DGEBA-based epoxy resin cured with a cycloaliphatic hardener: Combined action of silica, melamine and DOPO-derivative. <i>Materials and Design</i> , <b>2020</b> , 193, 108862	8.1	34
11	Artificial neural network-based models for predicting the sound absorption coefficient of electrospun poly(vinyl pyrrolidone)/silica composite. <i>Applied Acoustics</i> , <b>2020</b> , 169, 107472	3.1	24
10	A New Strategy to Produce Hemp Fibers through a Waterglass-Based Ecofriendly Process. <i>Materials</i> , <b>2020</b> , 13,	3.5	1
9	Improving flame retardancy of in-situ silica-epoxy nanocomposites cured with aliphatic hardener: Combined effect of DOPO-based flame-retardant and melamine. <i>Composites Part C: Open Access</i> , <b>2020</b> , 2, 100022	1.6	7
8	Adsorption of Cellulase on Wrinkled Silica Nanoparticles with Enhanced Inter-Wrinkle Distance. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	9
7	Thermal and Fire Behavior of a Bio-Based Epoxy/Silica Hybrid Cured with Methyl Nadic Anhydride. <i>Polymers</i> , <b>2020</b> , 12,	4.5	11
6	Water Resistant Self-Extinguishing Low Frequency Soundproofing Polyvinylpyrrolidone Based Electrospun Blankets. <i>Polymers</i> , <b>2019</b> , 11,	4.5	15
5	Forming nanostructured surfaces through Janus colloidal silica particles with nanowrinkles: A new strategy to superhydrophobicity. <i>Applied Surface Science</i> , <b>2019</b> , 465, 73-81	6.7	14
4	Non Monotonous Effects of Noncovalently Functionalized Graphene Addition on the Structure and Sound Absorption Properties of Polyvinylpyrrolidone (1300 kDa) Electrospun Mats. <i>Materials</i> , <b>2018</b> , 12,	3.5	12
3	Effects of post cure treatment in the glass transformation range on the structure and fire behavior of in situ generated silica/epoxy hybrids. <i>Journal of Sol-Gel Science and Technology</i> , <b>2018</b> , 87, 156-169	2.3	9
2	Silica Treatments: A Fire Retardant Strategy for Hemp Fabric/Epoxy Composites. <i>Polymers</i> , <b>2016</b> , 8,	4.5	34

1 Detailed Thermal, Fire, and Mechanical Study of Silicon-Modified Epoxy Resin Containing Humic Acid and Other Additives. *ACS Applied Polymer Materials*, 4:3 6