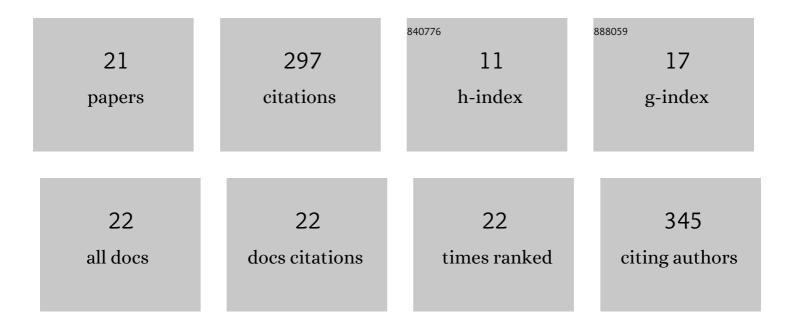
Silvia Barbi

List of Publications by Year in descending order

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SILVIA RADRI

#	Article	IF	CITATIONS
1	Valorization of seasonal agri-food leftovers through insects. Science of the Total Environment, 2020, 709, 136209.	8.0	54
2	Effect of the Rearing Substrate on Total Protein and Amino Acid Composition in Black Soldier Fly. Foods, 2021, 10, 1773.	4.3	36
3	Rational design and characterization of bioplastics from <scp><i>Hermetia illucens</i></scp> prepupae proteins. Biopolymers, 2019, 110, e23250.	2.4	29
4	Structural and optical properties of cerium oxide doped barium bismuth borate glasses. Journal of Non-Crystalline Solids, 2018, 499, 183-188.	3.1	28
5	Structural and optical properties of rare-earths doped barium bismuth borate glasses. Journal of Non-Crystalline Solids, 2018, 481, 239-247.	3.1	26
6	Life Cycle Assessment of Chemical vs Enzymatic-Assisted Extraction of Proteins from Black Soldier Fly Prepupae for the Preparation of Biomaterials for Potential Agricultural Use. ACS Sustainable Chemistry and Engineering, 2020, 8, 14752-14764.	6.7	16
7	Mechanical and structural properties of environmental green composites based on functionalized bacterial cellulose. Cellulose, 2021, 28, 1431-1442.	4.9	15
8	Failure analysis of glazed LAS glass-ceramic containing cerium oxide. Ceramics International, 2017, 43, 1472-1478.	4.8	13
9	Preliminary Study on Sustainable NPK Slow-Release Fertilizers Based on Byproducts and Leftovers: A Design-of-Experiment Approach. ACS Omega, 2020, 5, 27154-27163.	3.5	13
10	Bioplastic Film from Black Soldier Fly Prepupae Proteins Used as Mulch: Preliminary Results. Agronomy, 2020, 10, 933.	3.0	12
11	Phase change material-sand mixtures for distributed latent heat thermal energy storage: Interaction and performance analysis. Renewable Energy, 2021, 169, 1066-1076.	8.9	12
12	Effects of Different LED Light Recipes and NPK Fertilizers on Basil Cultivation for Automated and Integrated Horticulture Methods. Applied Sciences (Switzerland), 2021, 11, 2497.	2.5	9
13	Phase Change Material Evolution in Thermal Energy Storage Systems for the Building Sector, with a Focus on Ground-Coupled Heat Pumps. Polymers, 2022, 14, 620.	4.5	9
14	From Food Processing Leftovers to Bioplastic: A Design of Experiments Approach in a Circular Economy Perspective. Waste and Biomass Valorization, 2021, 12, 5121-5130.	3.4	7
15	Chemical hardening of glazed porcelain tiles. Journal of the American Ceramic Society, 2019, 102, 2853-2862.	3.8	5
16	USING BLACK SOLDIER FLIES (HERMETIA ILLUCENS) TO BIOCONVERT WASTE FROM THE LIVESTOCK PRODUCTION CHAIN: A LIFE CYCLE ASSESSMENT CASE STUDY. WIT Transactions on Ecology and the Environment, 2018, , .	0.0	5
17	Statistical Optimization of a Hyper Red, Deep Blue, and White LEDs Light Combination for Controlled Basil Horticulture. Applied Sciences (Switzerland), 2021, 11, 9279.	2.5	3
18	Recycling of yttriaâ€stabilized zirconia waste powders in glazes suitable for ceramic tiles. International Journal of Applied Ceramic Technology, 2017, 14, 1236-1247.	2.1	2

#	Article	IF	CITATIONS
19	Preparation and Characterization of LAS Glass Based Materials for Dental Applications. Key Engineering Materials, 0, 702, 28-31.	0.4	1
20	Design and Optimization of the Thermo-Mechanical Behavior in Glass Reinforced Polyamide 6 for Automotive Application. Lecture Notes in Mechanical Engineering, 2020, , 528-539.	0.4	0
21	Improved Heat Sink for Thermoelectric Energy Harvesting Systems. Advances in Intelligent Systems and Computing, 2020, , 803-809.	0.6	Ο