

Elena Colusso

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

334
citations

933447

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839539

18
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19
all docs

19
docs citations

19
times ranked

483
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoluminescence properties of silk-carbon quantum dots composites. Journal of Sol-Gel Science and Technology, 2023, 107, 170-177.	2.4	4
2	Simultaneous measurement of heat flux and droplet population during dropwise condensation from humid air flowing on a vertical surface. Experimental Thermal and Fluid Science, 2022, 136, 110677.	2.7	11
3	Waste-derived glass as a precursor for inorganic polymers: From foams to photocatalytic destructors for dye removal. Ceramics International, 2022, 48, 27631-27636.	4.8	3
4	Dropwise condensation mechanisms when varying vapor velocity. Applied Thermal Engineering, 2022, 216, 119021.	6.0	10
5	Solution-processed graphene oxide coatings for enhanced heat transfer during dropwise condensation of steam. Nano Select, 2021, 2, 61-71.	3.7	12
6	An overview of biopolymer-based nanocomposites for optics and electronics. Journal of Materials Chemistry C, 2021, 9, 5578-5593.	5.5	30
7	SILAR Deposition of Metal Oxide Nanostructured Films. Small, 2021, 17, e2101666.	10.0	33
8	Up-Cycling of LCD Glass by Additive Manufacturing of Porous Translucent Glass Scaffolds. Materials, 2021, 14, 5083.	2.9	9
9	Artificial photosynthesis: photoanodes based on polyquinoid dyes onto mesoporous tin oxide surface. Photochemical and Photobiological Sciences, 2021, 20, 1243-1255.	2.9	10
10	Nanomechanical and tribological characterization of silk and silk-titanate composite coatings. Tribology International, 2020, 146, 106195.	5.9	5
11	Sol-Gel Dewetting: Fabrication of Biomimetic Micropatterned Surfaces by Sol-Gel Dewetting (Adv.) Tj ETQq1 1 0.784314 rgBT ₀ /Overlook	3.7	12
12	Fabrication of Biomimetic Micropatterned Surfaces by Sol-Gel Dewetting. Advanced Materials Interfaces, 2019, 6, 1801629.	3.7	12
13	Functionalization of Titanates-Silk Nanocomposites via Cation Exchange for Optical Applications. Advanced Materials Interfaces, 2019, 6, 1800992.	3.7	4
14	Engineering optical defects in biopolymer photonic lattices. Journal of Materials Chemistry C, 2018, 6, 966-971.	5.5	6
15	Titanate Fibroin Nanocomposites: A Novel Approach for the Removal of Heavy-Metal Ions from water. ACS Applied Materials & Interfaces, 2018, 10, 651-659.	8.0	37
16	Designing the Iridescences of Biopolymers by Assembly of Photonic Crystal Superlattices. Advanced Optical Materials, 2018, 6, 1800066.	7.3	19
17	Ag nanoaggregates as efficient broadband sensitizers for Tb ³⁺ ions in silica-zirconia ion-exchanged sol-gel glasses and glass-ceramics. Optical Materials, 2018, 84, 668-674.	3.6	14
18	Acidochromic fibrous polymer composites for rapid gas detection. Journal of Materials Chemistry A, 2017, 5, 339-348.	10.3	66

#	ARTICLE	IF	CITATIONS
19	Bioinspired stimuli-responsive multilayer film made of silk-titanate nanocomposites. Journal of Materials Chemistry C, 2017, 5, 3924-3931.	5.5	49