

Elena Colusso

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

334
citations

933447

10
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

483
citing authors

#	ARTICLE	IF	CITATIONS
1	Acidochromic fibrous polymer composites for rapid gas detection. <i>Journal of Materials Chemistry A</i> , 2017, 5, 339-348.	10.3	66
2	Bioinspired stimuli-responsive multilayer film made of silk-titanate nanocomposites. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3924-3931.	5.5	49
3	Titanate Fibroin Nanocomposites: A Novel Approach for the Removal of Heavy-Metal Ions from water. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 651-659.	8.0	37
4	SILAR Deposition of Metal Oxide Nanostructured Films. <i>Small</i> , 2021, 17, e2101666.	10.0	33
5	An overview of biopolymer-based nanocomposites for optics and electronics. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5578-5593.	5.5	30
6	Designing the Iridescences of Biopolymers by Assembly of Photonic Crystal Superlattices. <i>Advanced Optical Materials</i> , 2018, 6, 1800066.	7.3	19
7	Ag nanoaggregates as efficient broadband sensitizers for Tb ³⁺ ions in silica-zirconia ion-exchanged sol-gel glasses and glass-ceramics. <i>Optical Materials</i> , 2018, 84, 668-674.	3.6	14
8	Fabrication of Biomimetic Micropatterned Surfaces by Sol-Gel Dewetting. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801629.	3.7	12
9	Solution-processed graphene oxide coatings for enhanced heat transfer during dropwise condensation of steam. <i>Nano Select</i> , 2021, 2, 61-71.	3.7	12
10	Simultaneous measurement of heat flux and droplet population during dropwise condensation from humid air flowing on a vertical surface. <i>Experimental Thermal and Fluid Science</i> , 2022, 136, 110677.	2.7	11
11	Artificial photosynthesis: photoanodes based on polyquinoid dyes onto mesoporous tin oxide surface. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 1243-1255.	2.9	10
12	Dropwise condensation mechanisms when varying vapor velocity. <i>Applied Thermal Engineering</i> , 2022, 216, 119021.	6.0	10
13	Up-Cycling of LCD Glass by Additive Manufacturing of Porous Translucent Glass Scaffolds. <i>Materials</i> , 2021, 14, 5083.	2.9	9
14	Engineering optical defects in biopolymer photonic lattices. <i>Journal of Materials Chemistry C</i> , 2018, 6, 966-971.	5.5	6
15	Nanomechanical and tribological characterization of silk and silk-titanate composite coatings. <i>Tribology International</i> , 2020, 146, 106195.	5.9	5
16	Functionalization of Titanates-Silk Nanocomposites via Cation Exchange for Optical Applications. <i>Advanced Materials Interfaces</i> , 2019, 6, 1800992.	3.7	4
17	Photoluminescence properties of silk-carbon quantum dots composites. <i>Journal of Sol-Gel Science and Technology</i> , 2023, 107, 170-177.	2.4	4
18	Waste-derived glass as a precursor for inorganic polymers: From foams to photocatalytic destructors for dye removal. <i>Ceramics International</i> , 2022, 48, 27631-27636.	4.8	3

#	ARTICLE	IF	CITATIONS
19	Sol-Gel Dewetting: Fabrication of Biomimetic Micropatterned Surfaces by Sol-Gel Dewetting (Adv.) Tj ETQq1 1 0.784314 rgBT ₀ /Overlook	3.7	