

Thomas J Kolibaba

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

604
citations

933447

10
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	Flame-retardant surface treatments. <i>Nature Reviews Materials</i> , 2020, 5, 259-275.	48.7	325
2	Facile two-step phosphazine-based network coating for flame retardant cotton. <i>Cellulose</i> , 2020, 27, 4123-4132.	4.9	40
3	Environmentally Benign and Self-Extinguishing Multilayer Nanocoating for Protection of Flammable Foam. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 49130-49137.	8.0	37
4	Environmentally Benign Polyelectrolyte Complex That Renders Wood Flame Retardant and Mechanically Strengthened. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900179.	3.6	33
5	Environmentally-benign, water-based covalent polymer network for flame retardant cotton. <i>Cellulose</i> , 2021, 28, 5855.	4.9	27
6	Clay-Filled Polyelectrolyte Complex Nanocoating for Flame-Retardant Polyurethane Foam. <i>ACS Omega</i> , 2021, 6, 8016-8020.	3.5	22
7	Functionalized Graphene Oxide Based on Hydrogen-Bonding Interaction in Water: Preparation and Flame-Retardation on Epoxy Resin. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900164.	3.6	17
8	Polymeric coacervate coating for flame retardant paper. <i>Cellulose</i> , 2022, 29, 4589-4597.	4.9	14
9	Flame suppression of polyamide through combined enzymatic modification and addition of urea to multilayer nanocoating. <i>Journal of Materials Science</i> , 2020, 55, 15056-15067.	3.7	13
10	Extraordinarily High Dielectric Breakdown Strength of Multilayer Polyelectrolyte Thin Films. <i>Macromolecules</i> , 2022, 55, 3151-3158.	4.8	11
11	Renewable nanobrick wall coatings for fire protection of wood. <i>Green Materials</i> , 2020, 8, 131-138.	2.1	10
12	Super Gas Barrier of a Polyelectrolyte/Clay Coacervate Thin Film. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2000540.	3.9	10
13	Edible Polyelectrolyte Complex Nanocoating for Protection of Perishable Produce. <i>ACS Food Science & Technology</i> , 2021, 1, 495-499.	2.7	10
14	Polyelectrolyte photopolymer complexes for flame retardant wood. <i>Materials Chemistry Frontiers</i> , 2022, 6, 1630-1636.	5.9	10
15	Self-Extinguishing Additive Manufacturing Filament from a Unique Combination of Polylactic Acid and a Polyelectrolyte Complex. , 2020, 2, 15-19.		9
16	Acid-Doped Biopolymer Nanocoatings for Flame-Retardant Polyurethane Foam. <i>ACS Applied Polymer Materials</i> , 2022, 4, 1983-1990.	4.4	7
17	Environmentally Benign Flame Retardant Polyamide-6 Filament for Additive Manufacturing. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100245.	3.6	6
18	Polyelectrolyte Complex that Minimizes Bacterial Adhesion to Polyester. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100579.	3.6	3