

Kyueui Lee

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

493
citations

840776

11
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

910
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Insulation-Induced Transformation of Adhesive Catecholamine for Simultaneous Increases of Electrical Conductivity and Mechanical Strength of CNT Fibers. <i>Advanced Materials</i> , 2015, 27, 3250-3255.	21.0	113
2	Progress in internal/external stimuli responsive fluorescent carbon nanoparticles for theranostic and sensing applications. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1149-1178.	5.8	78
3	Plant Flavonoid-Mediated Multifunctional Surface Modification Chemistry: Catechin Coating for Enhanced Osteogenesis of Human Stem Cells. <i>Chemistry of Materials</i> , 2017, 29, 4375-4384.	6.7	56
4	Polydopamine coating in organic solvent for material-independent immobilization of water-insoluble molecules and avoidance of substrate hydrolysis. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 46, 379-385.	5.8	51
5	Laser-induced graphitization of polydopamine leads to enhanced mechanical performance while preserving multifunctionality. <i>Nature Communications</i> , 2020, 11, 4848.	12.8	38
6	Phenolic condensation and facilitation of fluorescent carbon dot formation: a mechanism study. <i>Nanoscale</i> , 2017, 9, 16596-16601.	5.6	32
7	Surface Design for Immobilization of an Antimicrobial Peptide Mimic for Efficient Anti-Biofouling. <i>Chemistry - A European Journal</i> , 2020, 26, 5789-5793.	3.3	25
8	Role of Dopamine Chemistry in the Formation of Mechanically Strong Mandibles of Grasshoppers. <i>Chemistry of Materials</i> , 2015, 27, 6478-6481.	6.7	20
9	A Modular Strategy for Functional Pressure Sensitive Adhesives. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 3161-3165.	8.0	17
10	Phenol-Derived Carbon Sealant Inspired by a Coalification Process. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3864-3870.	13.8	15
11	Facile method to sort graphene quantum dots by size through ammonium sulfate addition. <i>RSC Advances</i> , 2014, 4, 56848-56852.	3.6	13
12	Wet-Dry Hybrid Spinning of Graphene Fiber Inspired by Spider Silk Production Mechanisms. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800585.	3.7	11
13	Polydopamine-Lysophosphatidate-Functionalised Titanium: A Novel Hybrid Surface Finish for Bone Regenerative Applications. <i>Molecules</i> , 2020, 25, 1583.	3.8	7
14	Localization of Phenolic Compounds at an Air-Solid Interface in Plant Seed Mucilage: A Strategy to Maximize Its Biological Function?. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42531-42536.	8.0	6
15	Systematic Approach to Mimic Phenolic Natural Polymers for Biofabrication. <i>Polymers</i> , 2022, 14, 1282.	4.5	6
16	Phenol-Derived Carbon Sealant Inspired by a Coalification Process. <i>Angewandte Chemie</i> , 2020, 132, 3892-3898.	2.0	4
17	Salting Up of Chemically Modified Graphene to Assemble Large-Scale Transparent Conductive Films. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 7928-7933.	0.9	0