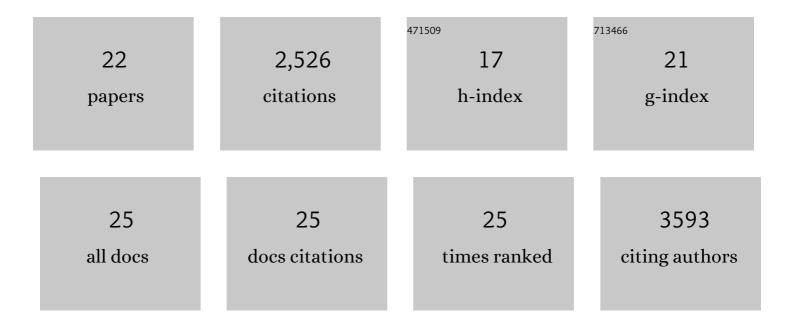
Kollbe Ahn

List of Publications by Year in descending order

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KOURE AHN

#	Article	IF	CITATIONS
1	Mechanically Competent Chitosanâ€Based Bioadhesive for Tendonâ€toâ€Bone Repair. Advanced Healthcare Materials, 2022, 11, e2102344.	7.6	6
2	Gemini-Mediated Self-Disinfecting Surfaces to Address the Contact Transmission of Infectious Diseases. Langmuir, 2022, 38, 2162-2173.	3.5	9
3	Self-healing polymers with nanomaterials and nanostructures. Nano Today, 2020, 30, 100826.	11.9	68
4	Catechol-Functionalized Chitosan: Optimized Preparation Method and Its Interaction with Mucin. Langmuir, 2019, 35, 16013-16023.	3.5	32
5	Bioinspired Catecholic Primers for Rigid and Ductile Dental Resin Composites. ACS Applied Materials & Interfaces, 2018, 10, 1520-1527.	8.0	19
6	Dental Adhesion Enhancement on Zirconia Inspired by Mussel's Priming Strategy Using Catechol. Coatings, 2018, 8, 298.	2.6	5
7	Bioinspired Functional Gradients for Toughness Augmentation in Synthetic Polymer Systems. Macromolecular Chemistry and Physics, 2018, 219, 1800134.	2.2	3
8	Bioinspired Wear-Protective Coatings for Osteoarthritis. ACS Symposium Series, 2017, , 173-178.	0.5	0
9	Toughening elastomers using mussel-inspired iron-catechol complexes. Science, 2017, 358, 502-505.	12.6	505
10	Significant Performance Enhancement of Polymer Resins by Bioinspired Dynamic Bonding. Advanced Materials, 2017, 29, 1703026.	21.0	63
11	Perspectives on Mussel-Inspired Wet Adhesion. Journal of the American Chemical Society, 2017, 139, 10166-10171.	13.7	309
12	Marine Bioinspired Underwater Contact Adhesion. Biomacromolecules, 2016, 17, 1869-1874.	5.4	56
13	Molecularly Smooth Self-Assembled Monolayer for High-Mobility Organic Field-Effect Transistors. Nano Letters, 2016, 16, 6709-6715.	9.1	31
14	Underwater contact adhesion and microarchitecture in polyelectrolyte complexes actuated by solvent exchange. Nature Materials, 2016, 15, 407-412.	27.5	379
15	Microphase Behavior and Enhanced Wet-Cohesion of Synthetic Copolyampholytes Inspired by a Mussel Foot Protein. Journal of the American Chemical Society, 2015, 137, 9214-9217.	13.7	125
16	High-performance mussel-inspired adhesives of reduced complexity. Nature Communications, 2015, 6, 8663.	12.8	245
17	1D and 2D NMR of nanocellulose in aqueous colloidal suspensions. Carbohydrate Polymers, 2014, 110, 360-366.	10.2	41
18	Surface-initiated self-healing of polymers in aqueous media. Nature Materials, 2014, 13, 867-872.	27.5	414

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#	Article	IF	CITATIONS
19	UV-curable pressure-sensitive adhesives derived from functionalized soybean oils and rosin ester. Polymer International, 2013, 62, 1293-1301.	3.1	37
20	Ring opening of epoxidized methyl oleate using a novel acid-functionalized iron nanoparticle catalyst. Green Chemistry, 2012, 14, 136-142.	9.0	22
21	Synthesis and Characterization of Amphiphilic Reduced Graphene Oxide with Epoxidized Methyl Oleate. Advanced Materials, 2012, 24, 2123-2129.	21.0	25
22	Thermally Stable, Transparent, Pressure-Sensitive Adhesives from Epoxidized and Dihydroxyl Soybean Oil. Biomacromolecules, 2011, 12, 1839-1843.	5.4	132