

Vincent Ball

List of Publications by Year in descending order

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123
papers

6,738
citations

61857

43
h-index

64668

79
g-index

124
all docs

124
docs citations

124
times ranked

6854
citing authors

#	ARTICLE	IF	CITATIONS
1	Polydopamine and Eumelanin: From Structure–Property Relationships to a Unified Tailoring Strategy. <i>Accounts of Chemical Research</i> , 2014, 47, 3541-3550.	7.6	514
2	Dopamine–Melanin Film Deposition Depends on the Used Oxidant and Buffer Solution. <i>Langmuir</i> , 2011, 27, 2819-2825.	1.6	478
3	Kinetics of polydopamine film deposition as a function of pH and dopamine concentration: Insights in the polydopamine deposition mechanism. <i>Journal of Colloid and Interface Science</i> , 2012, 386, 366-372.	5.0	330
4	Characterization of Dopamine–Melanin Growth on Silicon Oxide. <i>Journal of Physical Chemistry C</i> , 2009, 113, 8234-8242.	1.5	322
5	From Exponential to Linear Growth in Polyelectrolyte Multilayers. <i>Langmuir</i> , 2006, 22, 4376-4383.	1.6	273
6	Oxidant Control of Polydopamine Surface Chemistry in Acids: A Mechanism-Based Entry to Superhydrophilic-Superoleophobic Coatings. <i>Chemistry of Materials</i> , 2016, 28, 4697-4705.	3.2	255
7	Dynamic Aspects of Films Prepared by a Sequential Deposition of Species: Perspectives for Smart and Responsive Materials. <i>Advanced Materials</i> , 2011, 23, 1191-1221.	11.1	213
8	Buildup of Exponentially Growing Multilayer Polypeptide Films with Internal Secondary Structure. <i>Langmuir</i> , 2003, 19, 440-445.	1.6	181
9	Relationship between the Growth Regime of Polyelectrolyte Multilayers and the Polyanion/Polycation Complexation Enthalpy. <i>Journal of Physical Chemistry B</i> , 2006, 110, 19443-19449.	1.2	180
10	Polydopamine Nanomaterials: Recent Advances in Synthesis Methods and Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 109.	2.0	166
11	Self-Assembly of Tetramers of 5,6-Dihydroxyindole Explains the Primary Physical Properties of Eumelanin: Experiment, Simulation, and Design. <i>ACS Nano</i> , 2013, 7, 1524-1532.	7.3	145
12	Buffer dependence of refractive index increments of protein solutions. <i>Biopolymers</i> , 1998, 46, 489-492.	1.2	143
13	Deposition Mechanism and Properties of Thin Polydopamine Films for High Added Value Applications in Surface Science at the Nanoscale. <i>BioNanoScience</i> , 2012, 2, 16-34.	1.5	139
14	Excitonic effects from geometric order and disorder explain broadband optical absorption in eumelanin. <i>Nature Communications</i> , 2014, 5, 3859.	5.8	127
15	Multicompartment Films Made of Alternate Polyelectrolyte Multilayers of Exponential and Linear Growth. <i>Langmuir</i> , 2004, 20, 7298-7302.	1.6	119
16	Protein adsorption on dopamine–melanin films: Role of electrostatic interactions inferred from ζ -potential measurements versus chemisorption. <i>Journal of Colloid and Interface Science</i> , 2010, 344, 54-60.	5.0	118
17	Complexation of phosphocholine liposomes with polylysine. Stabilization by surface coverage versus aggregation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 280-290.	1.4	116
18	Diffusion of Polyphosphates into (Poly(allylamine)-montmorillonite) Multilayer Films: Flame Retardant-Intumescent Films with Improved Oxygen Barrier. <i>Langmuir</i> , 2011, 27, 13879-13887.	1.6	104

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19	Structural Basis of Polydopamine Film Formation: Probing 5,6-Dihydroxyindole-Based Eumelanin Type Units and the Porphyrin Issue. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7670-7680.	4.0	96
20	Embedded Silver Ions-Containing Liposomes in Polyelectrolyte Multilayers: Cargos Films for Antibacterial Agents. <i>Langmuir</i> , 2008, 24, 10209-10215.	1.6	92
21	Reversible Loading and Unloading of Nanoparticles in Exponentially Growing Polyelectrolyte LBL Films. <i>Journal of the American Chemical Society</i> , 2008, 130, 3748-3749.	6.6	85
22	Polydopamine at biological interfaces. <i>Advances in Colloid and Interface Science</i> , 2022, 305, 102689.	7.0	81
23	Step-by-Step Assembly of Self-Patterning Polyelectrolyte Films Violating (Almost) All Rules of Layer-by-Layer Deposition. <i>Journal of the American Chemical Society</i> , 2010, 132, 8264-8265.	6.6	79
24	Comparison of Synthetic Dopamine Eumelanin Formed in the Presence of Oxygen and Cu ²⁺ Cations as Oxidants. <i>Langmuir</i> , 2013, 29, 12754-12761.	1.6	75
25	Different synthesis methods allow to tune the permeability and permselectivity of dopamine melanin films to electrochemical probes. <i>Electrochimica Acta</i> , 2011, 56, 3914-3919.	2.6	74
26	The reduction of Ag ⁺ in metallic silver on pseudomelanin films allows for antibacterial activity but does not imply unpaired electrons. <i>Journal of Colloid and Interface Science</i> , 2011, 364, 359-365.	5.0	73
27	Effect of the Supporting Electrolyte Anion on the Thickness of PSS/PAH Multilayer Films and on Their Permeability to an Electroactive Probe. <i>Langmuir</i> , 2009, 25, 2282-2289.	1.6	72
28	Polydopamine Films from the Forgotten Air/Water Interface. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3436-3440.	2.1	67
29	Hole formation induced by ionic strength increase in exponentially growing multilayer films. <i>Soft Matter</i> , 2009, 5, 2269.	1.2	65
30	Polydopamine films and particles with catalytic activity. <i>Catalysis Today</i> , 2018, 301, 196-203.	2.2	65
31	Melanin-Containing Films: Growth from Dopamine Solutions versus Layer-by-Layer Deposition. <i>ChemPhysChem</i> , 2010, 11, 3299-3305.	1.0	63
32	Use of dopamine polymerisation to produce free-standing membranes from (PLL-HA) _n exponentially growing multilayer films. <i>Soft Matter</i> , 2008, 4, 1621.	1.2	62
33	Polyphenols at interfaces. <i>Advances in Colloid and Interface Science</i> , 2018, 257, 31-41.	7.0	62
34	Polydopamine as a stable and functional nanomaterial. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 186, 110719.	2.5	62
35	Swelling and Contraction of Ferrocyanide-Containing Polyelectrolyte Multilayers upon Application of an Electric Potential. <i>Langmuir</i> , 2008, 24, 13668-13676.	1.6	60
36	Stiffening of Soft Polyelectrolyte Architectures by Multilayer Capping Evidenced by Viscoelastic Analysis of AFM Indentation Measurements. <i>Journal of Physical Chemistry C</i> , 2007, 111, 8299-8306.	1.5	58

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37	Antibacterial Peptide-Based Gel for Prevention of Medical Implanted-Device Infection. PLoS ONE, 2015, 10, e0145143.	1.1	57
38	Tuning heterogeneous poly(dopamine) structures and mechanics: in silico covalent cross-linking and thin film nanoindentation. Soft Matter, 2014, 10, 457-464.	1.2	55
39	Human serum albumin and other proteins as templating agents for the synthesis of nanosized dopamine-eumelanin. Journal of Colloid and Interface Science, 2014, 414, 97-102.	5.0	52
40	Persistence of dopamine and small oxidation products thereof in oxygenated dopamine solutions and in α -polydopamine films. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 443, 540-543.	2.3	46
41	Role of surfactants in the control of dopamine-eumelanin particle size and in the inhibition of film deposition at solid-liquid interfaces. Journal of Colloid and Interface Science, 2014, 431, 176-179.	5.0	46
42	Boric Acid as an Efficient Agent for the Control of Polydopamine Self-Assembly and Surface Properties. ACS Applied Materials & Interfaces, 2018, 10, 7574-7580.	4.0	46
43	Layer-by-layer deposition of tannic acid and Fe ³⁺ cations is of electrostatic nature but almost ionic strength independent at pH 5. Journal of Colloid and Interface Science, 2015, 450, 119-126.	5.0	45
44	Turbidity diagrams of polyanion/polycation complexes in solution as a potential tool to predict the occurrence of polyelectrolyte multilayer deposition. Journal of Colloid and Interface Science, 2010, 346, 163-171.	5.0	44
45	Free standing membranes made of biocompatible polyelectrolytes using the layer by layer method. Journal of Membrane Science, 2005, 253, 49-56.	4.1	43
46	Polymer-free electrospinning of tannic acid and cross-linking in water for hybrid supramolecular nanofibres. Nanoscale, 2018, 10, 9164-9173.	2.8	40
47	Degradation of polydopamine coatings by sodium hypochlorite: A process depending on the substrate and the film synthesis method. Polymer Degradation and Stability, 2012, 97, 1844-1849.	2.7	39
48	Physicochemical perspective on α -polydopamine and α -poly(catecholamine) films for their applications in biomaterial coatings (Review). Biointerphases, 2014, 9, 030801.	0.6	39
49	Polyelectrolytes to produce nanosized polydopamine. Journal of Colloid and Interface Science, 2016, 469, 184-190.	5.0	37
50	Effect of the Buffer on the Buildup and Stability of Tannic Acid/Collagen Multilayer Films Applied as Antibacterial Coatings. ACS Applied Materials & Interfaces, 2020, 12, 22601-22612.	4.0	35
51	Tunable Synthesis of Prussian Blue in Exponentially Growing Polyelectrolyte Multilayer Films. Langmuir, 2009, 25, 14030-14036.	1.6	33
52	Polyphenols in Dental Applications. Bioengineering, 2020, 7, 72.	1.6	31
53	Activity of alkaline phosphatase adsorbed and grafted on α -polydopamine films. Journal of Colloid and Interface Science, 2014, 429, 1-7.	5.0	29
54	Astrochemistry and Astrobiology: Materials Science in Wonderland?. International Journal of Molecular Sciences, 2019, 20, 4079.	1.8	29

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55	Incorporation of Alkaline Phosphatase into Layer-by-Layer Polyelectrolyte Films on the Surface of Affi-Gel Heparin Beads: Physicochemical Characterization and Evaluation of the Enzyme Stability. <i>Biomacromolecules</i> , 2003, 4, 1255-1263.	2.6	28
56	Slow complexation dynamics between linear short polyphosphates and polyallylamines: analogies with "layer-by-layer" deposits. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 3048.	1.3	27
57	Deposition of Aminomalononitrile-Based Films: Kinetics, Chemistry, and Morphology. <i>Langmuir</i> , 2019, 35, 9896-9903.	1.6	26
58	Tannic acid speeds up the setting of mineral trioxide aggregate cements and improves its surface and bulk properties. <i>Journal of Colloid and Interface Science</i> , 2021, 589, 318-326.	5.0	26
59	Deposition kinetics and electrochemical properties of tannic acid on gold and silica. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 491, 12-17.	2.3	24
60	Restructuring of exponentially growing polyelectrolyte multilayer films induced by salt concentration variations after film deposition. <i>Journal of Materials Chemistry</i> , 2011, 21, 8416.	6.7	23
61	Polyoxometalates in Polyelectrolyte Multilayer Films: Direct Loading of [H ₇ P ₈ W ₄₈ O ₁₈₄] ³³⁻ vs. Diffusion into the Film. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 5115-5124.	1.0	22
62	Nature of the Polyanion Governs the Antimicrobial Properties of Poly(arginine)/Polyanion Multilayer Films. <i>Chemistry of Materials</i> , 2017, 29, 3195-3201.	3.2	22
63	Polydopamine/Transferrin Hybrid Nanoparticles for Targeted Cell-Killing. <i>Nanomaterials</i> , 2018, 8, 1065.	1.9	22
64	Mimicking the Chemistry of Natural Eumelanin Synthesis: The KE Sequence in Polypeptides and in Proteins Allows for a Specific Control of Nanosized Functional Polydopamine Formation. <i>Biomacromolecules</i> , 2018, 19, 3693-3704.	2.6	22
65	Composite and free standing PANI-PVA membranes as flexible and stable optical pH sensors. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 769-775.	4.0	21
66	Polydopamine deposition at fluid interfaces. <i>Polymer International</i> , 2016, 65, 1251-1257.	1.6	21
67	Robust Alginate-Catechol@Polydopamine Free-Standing Membranes Obtained from the Water/Air Interface. <i>Langmuir</i> , 2017, 33, 2420-2426.	1.6	21
68	Polydopamine as a promising candidate for the design of high performance and corrosion-tolerant polymer electrolyte fuel cell electrodes. <i>Journal of Power Sources</i> , 2016, 307, 569-577.	4.0	19
69	Multilayered films made from tannic acid and alkaline phosphatase with enzymatic activity and electrochemical behavior. <i>Journal of Colloid and Interface Science</i> , 2018, 512, 722-729.	5.0	18
70	Antibacterial and Bonding Properties of Universal Adhesive Dental Polymers Doped with Pyrogallol. <i>Polymers</i> , 2021, 13, 1538.	2.0	18
71	Associating oriented polyaniline and eumelanin in a reactive layer-by-layer manner: Composites with high electrical conductivity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 434, 118-125.	2.3	16
72	Determination of the extinction coefficient of "polydopamine" films obtained by using NaIO ₄ as the oxidant. <i>Materials Chemistry and Physics</i> , 2017, 186, 546-551.	2.0	16

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73	Hexamethylenediamine-Mediated Polydopamine Film Deposition: Inhibition by Resorcinol as a Strategy for Mapping Quinone Targeting Mechanisms. <i>Frontiers in Chemistry</i> , 2019, 7, 407.	1.8	16
74	Films and Materials Derived from Aminomalononitrile. <i>Processes</i> , 2021, 9, 82.	1.3	16
75	Large distribution in the Donnan potential of hexacyanoferrate anions permeating in and partially dissolving (PAH-HA) _n polyelectrolyte multilayer films. <i>Soft Matter</i> , 2011, 7, 1819.	1.2	15
76	Organic and Inorganic Dyes in Polyelectrolyte Multilayer Films. <i>Materials</i> , 2012, 5, 2681-2704.	1.3	15
77	Stabilization of [poly(allylamine)-tannic acid] _n multilayer films in acidic and basic conditions after crosslinking with NaIO ₄ . <i>RSC Advances</i> , 2015, 5, 55920-55925.	1.7	15
78	Stable Bioactive Enzyme-Containing Multilayer Films Based on Covalent Cross-Linking from Mussel-Inspired Adhesives. <i>Langmuir</i> , 2015, 31, 12447-12454.	1.6	15
79	Electrochemical deposition of aminomalonitrile based films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 552, 124-129.	2.3	15
80	The Possibility of Obtaining Films by Single Sedimentation of Polyelectrolyte Complexes. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 5691-5699.	1.8	14
81	Oxidant-dependent antioxidant activity of polydopamine films: The chemistry-morphology interplay. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 614, 126134.	2.3	14
82	Dual role of tannic acid and pyrogallol incorporated in plaster of Paris: Morphology modification and release for antimicrobial properties. <i>Materials Science and Engineering C</i> , 2021, 127, 112209.	3.8	14
83	Composite Materials and Films Based on Melanins, Polydopamine, and Other Catecholamine-Based Materials. <i>Biomimetics</i> , 2017, 2, 12.	1.5	13
84	Antioxidant activity of films inspired by prebiotic chemistry. <i>Materials Letters</i> , 2021, 285, 129050.	1.3	13
85	A Clean and Tunable Mussel-Inspired Coating Technology by Enzymatic Deposition of Pseudo-Polydopamine (P-PDA) Thin Films from Tyramine. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4873.	1.8	12
86	Enzymatically Active Polydopamine @ Alkaline Phosphatase Nanoparticles Produced by NaIO ₄ Oxidation of Dopamine. <i>Biomimetics</i> , 2018, 3, 36.	1.5	11
87	Polyarginine Decorated Polydopamine Nanoparticles With Antimicrobial Properties for Functionalization of Hydrogels. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 982.	2.0	11
88	Polyelectrolyte multilayer films made from polyallylamine and short polyphosphates: Influence of the surface treatment, ionic strength and nature of the electrolyte solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 415, 274-280.	2.3	10
89	Multilayer films made from poly(allylamine) and phosphorous containing polyoxometalates: Focus on the zeta potential. <i>Journal of Colloid and Interface Science</i> , 2013, 409, 166-173.	5.0	10
90	Polydopamine Functionalization: A Smart and Efficient Way to Improve Host Responses to e-PTFE Implants. <i>Frontiers in Chemistry</i> , 2019, 7, 482.	1.8	10

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91	Exothermic/Endothermic Transition in the Titration of Poly(allylamine chloride) with Sodium Hexametaphosphate Associated with a Change in the Proton Release Regime. <i>Journal of Physical Chemistry B</i> , 2016, 120, 4732-4741.	1.2	9
92	Electrodeposition of pyrocatechol based films: Influence of potential scan rate, pyrocatechol concentration and pH. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 518, 109-115.	2.3	9
93	Impacts of Resveratrol and Pyrogallol on Physicochemical, Mechanical and Biological Properties of Epoxy-Resin Sealers. <i>Bioengineering</i> , 2022, 9, 85.	1.6	9
94	Hofmeister Effects of Monovalent Sodium Salts in the Gelation Kinetics of Gelatin. <i>Journal of Physical Chemistry B</i> , 2019, 123, 8405-8410.	1.2	8
95	Reactive Layer-by-Layer Deposition of Poly(ethylene imine) and a Precursor of TiO ₂ : Influence of the Sodium Chloride Concentration on the Film Growth, Interaction with Hexacyanoferrate Anions, and Particle Distribution in the Film. <i>Langmuir</i> , 2011, 27, 7934-7943.	1.6	7
96	Anomalous permeation of the [P5W30O110]15 ⁻ polyoxoanion in polyelectrolyte multilayer films. <i>RSC Advances</i> , 2012, 2, 3700.	1.7	7
97	Step-by-step deposition of synthetic dopamine-eumelanin and metal cations. <i>Journal of Colloid and Interface Science</i> , 2013, 405, 331-335.	5.0	7
98	Shear induced changes in the streaming potential of polyelectrolyte multilayer films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 464, 41-45.	2.3	7
99	Composite films of poly(allylamine)-capped polydopamine nanoparticles and P8W48 polyoxometalates with electroactive properties. <i>Journal of Colloid and Interface Science</i> , 2016, 481, 125-130.	5.0	7
100	Electrodeposition of coatings made from catecholamines, polyphenols and aminomalonalonitrile: Common features, perspectives and challenges. <i>Progress in Organic Coatings</i> , 2019, 131, 441-447.	1.9	7
101	Composite films of polydopamine/Alcian Blue for colored coating with new physical properties. <i>Journal of Colloid and Interface Science</i> , 2015, 459, 29-35.	5.0	6
102	Changes in Permeability and in Mechanical Properties of Layer-by-Layer Films Made from Poly(allylamine) and Montmorillonite Postmodified upon Reaction with Dopamine. <i>Biointerphases</i> , 2012, 7, 59.	0.6	5
103	Deposition of polyelectrolyte multilayer films made from poly(diallyldimethyl ammonium chloride) and poly(4-styrene sulfonate): Influence of the NaCl concentration for films obtained by alternated spraying and alternated dipping. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 415, 77-85.	2.3	5
104	Donnan potential of polyelectrolyte multilayer films made from poly-L-glutamic/polyallylamine hydrochloride and the stability of hexacyanoferrate retained in the films. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 16249.	1.3	5
105	Optimization of the Elasticity and Adhesion of Catechol- or Dopamine-Loaded Gelatin Gels under Oxidative Conditions. <i>Gels</i> , 2022, 8, 210.	2.1	5
106	Electrodeposition of pyrogallol versus pyrocatechol using cyclic voltammetry and chronoamperometry. <i>Journal of Electroanalytical Chemistry</i> , 2022, 909, 116142.	1.9	5
107	Interaction of polyoxometalates with linear polyamines. <i>Colloid and Polymer Science</i> , 2013, 291, 1219-1226.	1.0	4
108	Polydopamine Coating To Stabilize a Free-Standing Lipid Bilayer for Channel Sensing. <i>Langmuir</i> , 2017, 33, 7256-7262.	1.6	4

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109	Electrodeposition from Tannic acid-polyamine blends at pH ≈ 5.0 is due to aggregate deposition and oxidation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 578, 123530.	2.3	4
110	Buffer dependence of refractive index increments of protein solutions. , 1998, 46, 489.		4
111	Correlative Microscopy Insight on Electrodeposited Ultrathin Graphite Oxide Films. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 9117-9122.	2.1	3
112	Influence of the NaIO ₄ Concentration on the Gelation and the Adhesive Strength of Pyrocatechol/Pyrogallol Containing Gelatin Hydrogels. <i>Frontiers in Materials</i> , 2021, 8, .	1.2	3
113	Polydopamine Particles Effect on Melanoma Cells Proliferation and Melanin Secretion. <i>Advances in Chemical Engineering and Science</i> , 2013, 03, 1-10.	0.2	3
114	Non-covalent small molecule partnership for redox-active films: Beyond polydopamine technology. <i>Journal of Colloid and Interface Science</i> , 2022, 624, 400-410.	5.0	3
115	Phase Diagram of Sodium Hexametaphosphate and Poly(allylamine hydrochloride) Mixtures and In Situ Monitoring of Step-by-Step Deposition in This Polyelectrolyte System. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 85-94.	1.1	2
116	Uniform trend in layer-by-layer deposition of heteropolytungstates. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 771-778.	5.0	2
117	Adhesion of Resin to Lithium Disilicate with Different Surface Treatments before and after Salivary Contamination – An In-Vitro Study. <i>Bioengineering</i> , 2022, 9, 286.	1.6	2
118	Ionic Strength and Temperature Dependence of the Dilution Heat of Hexametaphosphate Sodium Salt. <i>Journal of Solution Chemistry</i> , 2016, 45, 840-848.	0.6	1
119	Kinetics of deposition and stability of pyrocatechol – Fe ^{III} coordinated films. <i>Materials Science and Engineering C</i> , 2017, 72, 620-624.	3.8	1
120	Ultra-slow diffusion of hexacyanoferrate anions in poly(diallyldimethyl ammonium) Tj ETQqO O O rgBT /Overlock 10 Tf 50 307 Td (chlorid 2019, 539, 306-314.	5.0	1
121	One pot protein assisted deposition of pyrocatechol based functional films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 593, 124624.	2.3	1
122	Structure-controlled electrodeposition and electrochemical behavior of films from isomeric diphenols at the solid-liquid interface. <i>Surfaces and Interfaces</i> , 2022, 30, 101841.	1.5	1
123	Enzymatically active free standing membranes based on an easy two step preparation from alginate catechol and glucose oxidase/peroxidase. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 529, 508-512.	2.3	0