

Mikko Salomki

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44
papers

1,295
citations

20
h-index

35
g-index

47
ext. papers

1,472
ext. citations

5.2
avg, IF

4.36
L-index

#	Paper	IF	Citations
44	Effect of temperature on the buildup of polyelectrolyte multilayers. <i>Langmuir</i> , 2005 , 21, 11232-40	4	196
43	The Hofmeister anion effect and the growth of polyelectrolyte multilayers. <i>Langmuir</i> , 2004 , 20, 3679-83	4	157
42	Counteranion-Controlled Properties of Polyelectrolyte Multilayers. <i>Macromolecules</i> , 2004 , 37, 9585-9590	5.5	105
41	Polyelectrolyte multilayers prepared from water-soluble poly(alkoxythiophene) derivatives. <i>Journal of the American Chemical Society</i> , 2001 , 123, 6083-91	16.4	98
40	Effects of pH and Oxidants on the First Steps of Polydopamine Formation: A Thermodynamic Approach. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 6314-6327	3.4	79
39	Surface chemistry, reactivity, and pore structure of porous silicon oxidized by various methods. <i>Langmuir</i> , 2012 , 28, 10573-83	4	70
38	Specific Anion Effect in Swelling of Polyelectrolyte Multilayers. <i>Macromolecules</i> , 2008 , 41, 4423-4428	5.5	52
37	Preparation of Multilayers Containing Conjugated Thiophene-Based Polyelectrolytes. Layer-by-Layer Assembly and Viscoelastic Properties. <i>Langmuir</i> , 2002 , 18, 8496-8502	4	47
36	Chemical and electrochemical properties of a hydrophobic deep eutectic solvent. <i>Electrochimica Acta</i> , 2019 , 295, 124-129	6.7	46
35	Influence of synthetic polyelectrolytes on the growth and properties of hyaluronan-chitosan multilayers. <i>Biomacromolecules</i> , 2009 , 10, 294-301	6.9	37
34	Enhanced water vapor barrier properties for biopolymer films by polyelectrolyte multilayer and atomic layer deposited Al ₂ O ₃ double-coating. <i>Applied Surface Science</i> , 2011 , 257, 9451-9454	6.7	35
33	Modeling the growth processes of polyelectrolyte multilayers using a quartz crystal resonator. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 8509-19	3.4	30
32	Ultrathin polyelectrolyte multilayers: in situ ESR/UV-Vis-NIR spectroelectrochemical study of charge carriers formed under oxidation. <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 434-441	3.6	30
31	New Insights on the Interaction between Thiophene Derivatives and Au Surfaces. The Case of 3,4-Ethylenedioxythiophene and the Relevant Polymer. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 17836-17844	3.8	29
30	Preparation of Thin Melanin-Type Films by Surface-Controlled Oxidation. <i>Langmuir</i> , 2016 , 32, 4103-12	4	26
29	Polydopamine Nanoparticles Prepared Using Redox-Active Transition Metals. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 2513-2524	3.4	23
28	Effect of polyelectrolyte multilayers on the response of a quartz crystal microbalance. <i>Analytical Chemistry</i> , 2003 , 75, 5895-904	7.8	23

27	Sol-gel derived coating applied to long-period gratings for enhanced refractive index sensing properties. <i>Journal of Optics</i> , 2009 , 11, 015501		22
26	Method for measuring the losses and loading of a quartz crystal microbalance. <i>Analytical Chemistry</i> , 2006 , 78, 1875-82	7.8	22
25	Highly uniform up-converting nanoparticles: Why you should control your synthesis even more. <i>Journal of Luminescence</i> , 2017 , 185, 125-131	3.8	20
24	Effective Shielding of NaYF:Yb,Er Upconverting Nanoparticles in Aqueous Environments Using Layer-by-Layer Assembly. <i>Langmuir</i> , 2018 , 34, 7759-7766	4	19
23	Multilayer films by spraying on spinning surface [Best of both worlds]. <i>Thin Solid Films</i> , 2012 , 520, 5550-5556		18
22	Large apparent interfacial slippage at polyelectrolyte-perfluorocarbon interfaces on a quartz crystal resonator. <i>Langmuir</i> , 2004 , 20, 7794-801	4	13
21	Surface modification of upconverting nanoparticles by layer-by-layer assembled polyelectrolytes and metal ions. <i>Journal of Colloid and Interface Science</i> , 2017 , 508, 137-144	9.3	11
20	Restraining fluoride loss from NaYF:Yb,Er upconverting nanoparticles in aqueous environments using crosslinked poly(acrylic acid)/poly(allylamine hydrochloride) multilayers. <i>Journal of Colloid and Interface Science</i> , 2019 , 538, 320-326	9.3	11
19	Polar lipid fraction from oat (<i>Avena sativa</i>): characterization and use as an o/w emulsifier. <i>European Food Research and Technology</i> , 2012 , 235, 507-515	3.4	9
18	Oxidative Inorganic Multilayers for Polypyrrole Film Generation. <i>Advanced Functional Materials</i> , 2010 , 20, 2140-2147	15.6	8
17	Oxidation induced variation in polyelectrolyte multilayers prepared from sulfonated self-dopable poly(alkoxythiophene). <i>Chemical Communications</i> , 2000 , 571-572	5.8	8
16	Effective low temperature reduction of graphene oxide with vanadium(III). <i>Journal of Materials Chemistry C</i> , 2014 , 2, 3602	7.1	7
15	Multilayers prepared from electronically conducting conjugated polyelectrolytes. <i>Synthetic Metals</i> , 2001 , 121, 1403-1404	3.6	7
14	Layer-by-layer assembled oxidative films as general platform for electrodeless formation of conducting polymers. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 2325-34	9.5	6
13	Selection and characterization of peptides binding to diamond-like carbon. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 110, 66-73	6	6
12	A novel method to prepare water dispersible poly(benzimidazobenzophenanthroline) (BBL) by partial substitution of chain ends with poly(ethylene oxide). <i>Colloid and Polymer Science</i> , 2011 , 289, 1065-1072	2.4	6
11	Nanometer-Thick Ion-Selective Polyelectrolyte Multilayer Coatings to Inhibit the Disintegration of Inorganic Upconverting Nanoparticles. <i>ACS Applied Nano Materials</i> , 2020 , 3, 6892-6898	5.6	5
10	Effect of Water on a Hydrophobic Deep Eutectic Solvent.. <i>Journal of Physical Chemistry B</i> , 2022 ,	3.4	4

9	Layer-by-layer approach to engineer and control conductivity of atmospheric pressure vapor phase polymerized PEDOT thin films. <i>Materials Today Communications</i> , 2020 , 25, 101398	2.5	3
8	Oxidative Layer-By-Layer Multilayers Based on Metal Coordination: Influence of Intervening Graphene Oxide Layers. <i>Langmuir</i> , 2018 , 34, 13171-13182	4	2
7	Oxidative Spin-Spray-Assembled Coordinative Multilayers as Platforms for Capacitive Films. <i>Langmuir</i> , 2020 , 36, 6736-6748	4	1
6	Quartz Crystal Resonator as a Tool for Following the Build-up of Polyelectrolyte Multilayers 2012 , 455-469		1
5	Cellulose-Based Reduced Nanographene Oxide on Gold Nanoparticle Supports for CO2 Electrocatalysis. <i>ChemElectroChem</i> , 2020 , 7, 4889-4899	4.3	1
4	Heuristics Hindering the Development of Understanding of Molecular Structures in University Level Chemistry Education: The Lewis Structure as an Example. <i>Education Sciences</i> , 2021 , 11, 258	2.2	1
3	Highly controllable ambient atmosphere spray deposition of water dispersible poly(benzimidazobenzophenanthroline) films. <i>Synthetic Metals</i> , 2018 , 245, 144-150	3.6	1
2	Conjugated Main Chain Azo-Polymers Based on Polycyclic Aromatic Hydrocarbons. <i>Macromolecular Chemistry and Physics</i> , 2019 , 220, 1900303	2.6	
1	Copolymers of bipyridinium and metal (Zn & Ni) porphyrin derivatives; theoretical insights and electrochemical activity towards CO.. <i>RSC Advances</i> , 2021 , 11, 19844-19855	3.7	