

Mikko Salomäki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/569615/publications.pdf>

Version: 2024-02-01

45
papers

1,607
citations

304368

22
h-index

288905

40
g-index

47
all docs

47
docs citations

47
times ranked

2089
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Water on a Hydrophobic Deep Eutectic Solvent. <i>Journal of Physical Chemistry B</i> , 2022, 126, 513-527.	1.2	41
2	Synthesis of Layered Double Hydroxides and TiO ₂ Supported Metal Nanoparticles for Electrocatalysis. <i>ChemElectroChem</i> , 2022, 9, .	1.7	1
3	Copolymers of bipyridinium and metal (Zn & Ni) porphyrin derivatives; theoretical insights and electrochemical activity towards CO ₂ . <i>RSC Advances</i> , 2021, 11, 19844-19855.	1.7	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.	1.4	5
5	Cellulose-Based Reduced Nanographene Oxide on Gold Nanoparticle Supports for CO ₂ Electrocatalysis. <i>ChemElectroChem</i> , 2020, 7, 4889-4899.	1.7	3
6	Oxidative Spin-Spray-Assembled Coordinative Multilayers as Platforms for Capacitive Films. <i>Langmuir</i> , 2020, 36, 6736-6748.	1.6	7
7	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.	2.4	9
8	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.	0.9	7
9	Conjugated Main Chain Azo-Polymers Based on Polycyclic Aromatic Hydrocarbons. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900303.	1.1	0
10	Polydopamine Nanoparticles Prepared Using Redox-Active Transition Metals. <i>Journal of Physical Chemistry B</i> , 2019, 123, 2513-2524.	1.2	45
11	Restraining fluoride loss from NaYF ₄ :Yb ³⁺ ,Er ³⁺ 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.	5.0	14
12	Chemical and electrochemical properties of a hydrophobic deep eutectic solvent. <i>Electrochimica Acta</i> , 2019, 295, 124-129.	2.6	68
13	Oxidative Layer-By-Layer Multilayers Based on Metal Coordination: Influence of Intervening Graphene Oxide Layers. <i>Langmuir</i> , 2018, 34, 13171-13182.	1.6	6
14	Highly controllable ambient atmosphere spray deposition of water dispersible poly(benzimidazobenzophenanthroline) films. <i>Synthetic Metals</i> , 2018, 245, 144-150.	2.1	1
15	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.	1.2	146
16	Effective Shielding of NaYF ₄ :Yb ³⁺ ,Er ³⁺ Upconverting Nanoparticles in Aqueous Environments Using Layer-by-Layer Assembly. <i>Langmuir</i> , 2018, 34, 7759-7766.	1.6	24
17	Highly uniform up-converting nanoparticles: Why you should control your synthesis even more. <i>Journal of Luminescence</i> , 2017, 185, 125-131.	1.5	27
18	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.	5.0	12

#	ARTICLE	IF	CITATIONS
19	Preparation of Thin Melanin-Type Films by Surface-Controlled Oxidation. <i>Langmuir</i> , 2016, 32, 4103-4112.	1.6	30
20	Effective low temperature reduction of graphene oxide with vanadium(iii). <i>Journal of Materials Chemistry C</i> , 2014, 2, 3602.	2.7	9
21	Layer-by-Layer Assembled Oxidative Films as General Platform for Electrodeless Formation of Conducting Polymers. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 2325-2334.	4.0	8
22	Selection and characterization of peptides binding to diamond-like carbon. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 110, 66-73.	2.5	6
23	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.	1.6	10
24	Surface Chemistry, Reactivity, and Pore Structure of Porous Silicon Oxidized by Various Methods. <i>Langmuir</i> , 2012, 28, 10573-10583.	1.6	82
25	Multilayer films by spraying on spinning surface – Best of both worlds. <i>Thin Solid Films</i> , 2012, 520, 5550-5556.	0.8	20
26	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.	1.5	34
27	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.	3.1	43
28	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.	1.0	8
29	Oxidative Inorganic Multilayers for Polypyrrole Film Generation. <i>Advanced Functional Materials</i> , 2010, 20, 2140-2147.	7.8	10
30	Influence of Synthetic Polyelectrolytes on the Growth and Properties of Hyaluronan~Chitosan Multilayers. <i>Biomacromolecules</i> , 2009, 10, 294-301.	2.6	40
31	Sol-gel derived coating applied to long-period gratings for enhanced refractive index sensing properties. <i>Journal of Optics</i> , 2009, 11, 015501.	1.5	28
32	Refractive index sensing properties of long-period fibre grating with sol-gel derived coatings. , 2008, , .		0
33	Specific Anion Effect in Swelling of Polyelectrolyte Multilayers. <i>Macromolecules</i> , 2008, 41, 4423-4428.	2.2	61
34	Modeling the Growth Processes of Polyelectrolyte Multilayers Using a Quartz Crystal Resonator. <i>Journal of Physical Chemistry B</i> , 2007, 111, 8509-8519.	1.2	31
35	Method for Measuring the Losses and Loading of a Quartz Crystal Microbalance. <i>Analytical Chemistry</i> , 2006, 78, 1875-1882.	3.2	23
36	Effect of Temperature on the Buildup of Polyelectrolyte Multilayers. <i>Langmuir</i> , 2005, 21, 11232-11240.	1.6	209

#	ARTICLE	IF	CITATIONS
37	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.	1.3	34
38	The Hofmeister Anion Effect and the Growth of Polyelectrolyte Multilayers. <i>Langmuir</i> , 2004, 20, 3679-3683.	1.6	179
39	Large Apparent Interfacial Slippage at Polyelectrolyte/Perfluorocarbon Interfaces on a Quartz Crystal Resonator. <i>Langmuir</i> , 2004, 20, 7794-7801.	1.6	15
40	Counteranion-Controlled Properties of Polyelectrolyte Multilayers. <i>Macromolecules</i> , 2004, 37, 9585-9590.	2.2	116
41	Effect of Polyelectrolyte Multilayers on the Response of a Quartz Crystal Microbalance. <i>Analytical Chemistry</i> , 2003, 75, 5895-5904.	3.2	24
42	Preparation of Multilayers Containing Conjugated Thiophene-Based Polyelectrolytes. Layer-by-Layer Assembly and Viscoelastic Properties. <i>Langmuir</i> , 2002, 18, 8496-8502.	1.6	49
43	Polyelectrolyte Multilayers Prepared from Water-Soluble Poly(alkoxythiophene) Derivatives. <i>Journal of the American Chemical Society</i> , 2001, 123, 6083-6091.	6.6	103
44	Multilayers prepared from electronically conducting conjugated polyelectrolytes. <i>Synthetic Metals</i> , 2001, 121, 1403-1404.	2.1	7
45	Oxidation induced variation in polyelectrolyte multilayers prepared from sulfonated self-dopable poly(alkoxythiophene). <i>Chemical Communications</i> , 2000, , 571-572.	2.2	8