

Raz Jelinek

List of Publications by Year in descending order

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209
papers

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citations

41344

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239
all docs

239
docs citations

239
times ranked

10078
citing authors

#	ARTICLE	IF	CITATIONS
1	Size-Selective Detection of Nanoparticles in Solution and Air by Imprinting. ACS Sensors, 2022, 7, 296-303.	7.8	6
2	Amyloid fishing: Î²-Amyloid adsorption using tailor-made coated titania nanoparticles. Colloids and Surfaces B: Biointerfaces, 2022, 212, 112374.	5.0	1
3	Visual organophosphate vapor sensing by dibenzylidene derivatives exhibiting intramolecular charge transfer and aggregation induced emission. Journal of Materials Chemistry C, 2022, 10, 5458-5465.	5.5	4
4	Mitochondria membrane transformations in colon and prostate cancer and their biological implications. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183471.	2.6	8
5	Aggregation-Dependent Chromism and Photopolymerization of Aminoanthraquinone-Substituted Diacetylenes. Advanced Optical Materials, 2021, 9, 2001497.	7.3	8
6	The pro-apoptotic domain of BIM protein forms toxic amyloid fibrils. Cellular and Molecular Life Sciences, 2021, 78, 2145-2155.	5.4	7
7	Dual concentration-dependent effect of ascorbic acid on PAP(248-286) amyloid formation and SEVI-mediated HIV infection. RSC Chemical Biology, 2021, 2, 1534-1545.	4.1	1
8	Inhibition of tau amyloid formation and disruption of its preformed fibrils by Naphthoquinone-Dopamine hybrid. FEBS Journal, 2021, 288, 4267-4290.	4.7	14
9	Cross-kingdom inhibition of bacterial virulence and communication by probiotic yeast metabolites. Microbiome, 2021, 9, 70.	11.1	14
10	Triphenylphosphonium-Derived Bright Green Fluorescent Carbon Dots for Mitochondrial Targeting and Rapid Selective Detection of Tetracycline. ChemNanoMat, 2021, 7, 545-552.	2.8	25
11	A Mechanism for the Inhibition of Tau Neurotoxicity: Studies with Artificial Membranes, Isolated Mitochondria, and Intact Cells. ACS Chemical Neuroscience, 2021, 12, 1563-1577.	3.5	1
12	Sniffing Bacteria with a Carbon-Dot Artificial Nose. Nano-Micro Letters, 2021, 13, 112.	27.0	18
13	Tungsten-Disulfide/Polyaniline High Frequency Supercapacitors. Advanced Electronic Materials, 2021, 7, 210025.	5.1	25
14	Chromatic Dendrimer/Polydiacetylene Nanoparticles. ACS Applied Polymer Materials, 2021, 3, 2931-2937.	4.4	12
15	Carbon dot-polymer nanoporous membrane for recyclable sunlight-sterilized facemasks. Journal of Colloid and Interface Science, 2021, 592, 342-348.	9.4	28
16	Inhibition of Staphylococcus aureus biofilm-forming functional amyloid by molecular tweezers. Cell Chemical Biology, 2021, 28, 1310-1320.e5.	5.2	15
17	Î²-Amyloid fibrils catalyze neurotransmitter degradation. Chem Catalysis, 2021, 1, 908-922.	6.1	24
18	The amphibian antimicrobial peptide uperin 3.5 is a cross-Î±/cross-Î² chameleon functional amyloid. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	41

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19	Metal-catalyst-free gas-phase synthesis of long-chain hydrocarbons. <i>Nature Communications</i> , 2021, 12, 5937.	12.8	7
20	Bcl-2-Homology-Only Proapoptotic Peptides Modulate β -Amyloid Aggregation and Toxicity. <i>ACS Chemical Neuroscience</i> , 2021, 12, 4554-4563.	3.5	1
21	Purpurin modulates Tau-derived VQIVYK fibrillization and ameliorates Alzheimer's disease-like symptoms in animal model. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2795-2813.	5.4	46
22	Solar-mediated oil-spill cleanup by a carbon dot-polyurethane sponge. <i>Carbon</i> , 2020, 160, 196-203.	10.3	58
23	Nanostructured Nickel/Ruthenium/Ruthenium Oxide Supercapacitor Displaying Exceptional High Frequency Response. <i>Advanced Electronic Materials</i> , 2020, 6, 1900844.	5.1	20
24	Ascorbic Acid-PEI Carbon Dots with Osteogenic Effects as miR-2861 Carriers to Effectively Enhance Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 50287-50302.	8.0	40
25	Nickel Alloying Significantly Enhances the Power Density of Ruthenium-Based Supercapacitors. <i>Batteries and Supercaps</i> , 2020, 3, 792-792.	4.7	0
26	Sunlight-Activated Phase Transformation in Carbon Dot-Hydrogel Facilitates Water Purification and Optical Switching. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2810-2818.	4.4	21
27	Porous Graphene Oxide-Metal Ion Composite for Selective Sensing of Organophosphate Gases. <i>ACS Sensors</i> , 2020, 5, 1573-1581.	7.8	28
28	Nickel Alloying Significantly Enhances the Power Density of Ruthenium-Based Supercapacitors. <i>Batteries and Supercaps</i> , 2020, 3, 946-952.	4.7	3
29	A β 42 Double Mutant Inhibits A β 42-Induced Plasma and Mitochondrial Membrane Disruption in Artificial Membranes, Isolated Organs, and Intact Cells. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1027-1037.	3.5	23
30	Polydiacetylene-Perylene diimide Supercapacitors. <i>ChemSusChem</i> , 2020, 13, 3230-3236.	6.8	27
31	Revisiting thioflavin T (ThT) fluorescence as a marker of protein fibrillation - The prominent role of electrostatic interactions. <i>Journal of Colloid and Interface Science</i> , 2020, 573, 87-95.	9.4	46
32	Polydiacetylene hydrogel self-healing capacitive strain sensor. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6034-6041.	5.5	53
33	Current progress in carbon dots: synthesis, properties and applications. <i>Materials Chemistry Frontiers</i> , 2020, 4, 1287-1288.	5.9	13
34	Imaging Flow Cytometry Illuminates New Dimensions of Amyloid Peptide-Membrane Interactions. <i>Biophysical Journal</i> , 2020, 118, 1270-1278.	0.5	2
35	Tyrosine carbon dots inhibit fibrillation and toxicity of the human islet amyloid polypeptide. <i>Nanoscale Advances</i> , 2020, 2, 5866-5873.	4.6	7
36	Solar-Enabled Water Remediation via Recyclable Carbon Dot/Hydrogel Composites. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13186-13194.	6.7	59

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37	Unravelling the role of amino acid sequence order in the assembly and function of the amyloid- β core. <i>Chemical Communications</i> , 2019, 55, 8595-8598.	4.1	14
38	Deciphering the Rules for Amino Acid Co-Assembly Based on Interlayer Distances. <i>ACS Nano</i> , 2019, 13, 1703-1712.	14.6	19
39	Aggregation-Induced Emission: Crystallization-Induced Emissive Invisible Ink (Advanced Optical) <i>Tj ETQq1 1 0.784314 rgBT /Overlaid</i>	7.3	0
40	Interactions between BIM Protein and Beta-Amyloid May Reveal a Crucial Missing Link between Alzheimer's Disease and Neuronal Cell Death. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3555-3564.	3.5	21
41	Elastic carbon dot/polymer films for fluorescent tensile sensing and mechano-optical tuning. <i>Carbon</i> , 2019, 152, 363-371.	10.3	42
42	Graphene Quantum Dots Wrapped Gold Nanoparticles with Integrated Enhancement Mechanisms as Sensitive and Homogeneous Substrates for Surface-Enhanced Raman Spectroscopy. <i>Analytical Chemistry</i> , 2019, 91, 7295-7303.	6.5	39
43	Crystallization-Induced Emissive Invisible Ink. <i>Advanced Optical Materials</i> , 2019, 7, 1900232.	7.3	8
44	Covalently Linked Perylene Diimide-Polydiacetylene Nanofibers Display Enhanced Stability and Photocurrent with Reversible FRET Phenomenon. <i>Small</i> , 2019, 15, e1901342.	10.0	34
45	Tryptophan-glucosamine conjugates modulate tau-derived PHF6 aggregation at low concentrations. <i>Chemical Communications</i> , 2019, 55, 14621-14624.	4.1	13
46	Selective Labeling and Growth Inhibition of <i>Pseudomonas aeruginosa</i> by Aminoguanidine Carbon Dots. <i>ACS Infectious Diseases</i> , 2019, 5, 292-302.	3.8	50
47	Flexible Asymmetric Microsupercapacitors from Freestanding Hollow Nickel Microfiber Electrodes. <i>Advanced Electronic Materials</i> , 2019, 5, 1800584.	5.1	3
48	Polydiacetylene Capacitive Artificial Nose. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 4470-4479.	8.0	26
49	Fluorescent Self-Healing Carbon Dot/Polymer Gels. <i>ACS Nano</i> , 2019, 13, 1433-1442.	14.6	73
50	Flexible Microsupercapacitors: Flexible Asymmetric Microsupercapacitors from Freestanding Hollow Nickel Microfiber Electrodes (Adv. Electron. Mater. 1/2019). <i>Advanced Electronic Materials</i> , 2019, 5, 1970003.	5.1	0
51	Vesicle-Based Assays to Study Membrane Interactions of Amyloid Peptides. <i>Methods in Molecular Biology</i> , 2019, 1873, 39-51.	0.9	4
52	Cardiolipin mediates curcumin interactions with mitochondrial membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 75-82.	2.6	11
53	Carbon and Nitrogen Based Nanosheets as Fluorescent Probes with Tunable Emission. <i>Small</i> , 2018, 14, e1800516.	10.0	20
54	Reciprocal Interactions between Membrane Bilayers and <i>S. aureus</i> PSM \pm 3 Cross- β Amyloid Fibrils Account for Species-Specific Cytotoxicity. <i>Journal of Molecular Biology</i> , 2018, 430, 1431-1441.	4.2	28

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55	Nanoparticles modulate membrane interactions of human Islet amyloid polypeptide (hIAPP). <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1810-1817.	2.6	11
56	Synthesis and characterization of a nanostructured porous silicon/carbon dot-hybrid for orthogonal molecular detection. <i>NPG Asia Materials</i> , 2018, 10, e463-e463.	7.9	29
57	Bacterial Model Membranes Reshape Fibrillation of a Functional Amyloid Protein. <i>Biochemistry</i> , 2018, 57, 5230-5238.	2.5	20
58	Membrane Determinants Affect Fibrillation Processes of β -Sheet Charged Peptides. <i>Biomacromolecules</i> , 2018, 19, 307-314.	5.4	2
59	Inhibitory Effect of Naphthoquinone-Tryptophan Hybrid towards Aggregation of PAP f39 Semen Amyloid. <i>Molecules</i> , 2018, 23, 3279.	3.8	14
60	Porous Silicon Bragg Reflector/Carbon Dot Hybrids: Synthesis, Nanostructure, and Optical Properties. <i>Frontiers in Chemistry</i> , 2018, 6, 574.	3.6	12
61	Lysine-Derived Carbon Dots for Chiral Inhibition of Prion Peptide Fibril Assembly. <i>Advanced Therapeutics</i> , 2018, 1, 1800006.	3.2	23
62	Chiral modulation of amyloid beta fibrillation and cytotoxicity by enantiomeric carbon dots. <i>Chemical Communications</i> , 2018, 54, 7762-7765.	4.1	95
63	On/off/on-hydrogen-peroxide sensor with hemoglobin-functionalized carbon dots. <i>Sensors and Actuators B: Chemical</i> , 2018, 270, 223-230.	7.8	34
64	Tb(III) complexes with nonyl-substituted calix[4]arenes as building blocks of hydrophilic luminescent mixed polydiacetylene-based aggregates. <i>Journal of Molecular Liquids</i> , 2018, 268, 463-470.	4.9	6
65	Bacoside-A, an Indian Traditional-Medicine Substance, Inhibits β -Amyloid Cytotoxicity, Fibrillation, and Membrane Interactions. <i>ACS Chemical Neuroscience</i> , 2017, 8, 884-891.	3.5	60
66	Porous graphene oxide chemi-capacitor vapor sensor array. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1128-1135.	5.5	37
67	Catalytic Au Wool-Ball-Shaped Nanostructures. <i>ChemCatChem</i> , 2017, 9, 2473-2479.	3.7	3
68	Freestanding Gold/Graphene-Oxide/Manganese Oxide Microsupercapacitor Displaying High Areal Energy Density. <i>ChemSusChem</i> , 2017, 10, 2736-2741.	6.8	14
69	Colorimetric Polydiacetylene-Aerogel Detector for Volatile Organic Compounds (VOCs). <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 2891-2898.	8.0	139
70	Carbon-dot-hydrogel for enzyme-mediated bacterial detection. <i>RSC Advances</i> , 2017, 7, 588-594.	3.6	51
71	Carbon Nanomaterials: Carbon Nanomaterials in Biological Studies and Biomedicine (<i>Adv. Healthcare</i>) Tj ETQq1 1 0,784314 rgBT /Overlo 7.6 8	7.6	8
72	Nitric Oxide Sensing through Azo-Dye Formation on Carbon Dots. <i>ACS Sensors</i> , 2017, 2, 1215-1224.	7.8	63

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73	Carbon Nanomaterials in Biological Studies and Biomedicine. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700574.	7.6	155
74	Carbon Dotsâ€“Plasmonics Coupling Enables Energy Transfer and Provides Unique Chemical Signatures. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 6080-6085.	4.6	11
75	Porous Gold Nanotubes for Enhanced Methanol Oxidation Catalysis. <i>ChemistrySelect</i> , 2017, 2, 10961-10964.	1.5	6
76	Carbon-dot-aerogel sensor for aromatic volatile organic compounds. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 607-613.	7.8	71
77	Bifunctional Carbonâ€“Dotâ€“WS ₂ Nanorods for Photothermal Therapy and Cell Imaging. <i>Chemistry - A European Journal</i> , 2017, 23, 963-969.	3.3	22
78	Polydiacetylene sensor interaction with food sanitizers and surfactants. <i>Food Chemistry</i> , 2017, 221, 515-520.	8.2	19
79	Detection of Reactive Oxygen Species by a Carbon-Dotâ€“Ascorbic Acid Hydrogel. <i>Analytical Chemistry</i> , 2017, 89, 830-836.	6.5	60
80	Carbon Quantum Dots. <i>Carbon Nanostructures</i> , 2017, , .	0.1	61
81	Bioimaging Applications of Carbon-Dots. <i>Carbon Nanostructures</i> , 2017, , 61-70.	0.1	9
82	Carbon-Dot Synthesis. <i>Carbon Nanostructures</i> , 2017, , 5-27.	0.1	15
83	Characterization and Physical Properties of Carbon-Dots. <i>Carbon Nanostructures</i> , 2017, , 29-46.	0.1	25
84	Carbon-Dots in Sensing Applications. <i>Carbon Nanostructures</i> , 2017, , 71-91.	0.1	0
85	Thenoyltrifluoroacetone (TTA)â€“Carbon Dot/Aerogel Fluorescent Sensor for Lanthanide and Actinide Ions. <i>ACS Omega</i> , 2017, 2, 9288-9295.	3.5	31
86	Imaging Cancer Cells Expressing the Folate Receptor with Carbon Dots Produced from Folic Acid. <i>ChemBioChem</i> , 2016, 17, 614-619.	2.6	114
87	Pomegranate Juice Polyphenols Induce Macrophage Death via Apoptosis as Opposed to Necrosis Induced by Free Radical Generation: A Central Role for Oxidative Stress. <i>Journal of Cardiovascular Pharmacology</i> , 2016, 68, 106-114.	1.9	13
88	Bacoside-A, an anti-amyloid natural substance, inhibits membrane disruption by the amyloidogenic determinant of prion protein through accelerating fibril formation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 2208-2214.	2.6	18
89	High surface area electrodes by template-free self-assembled hierarchical porous gold architecture. <i>Journal of Colloid and Interface Science</i> , 2016, 472, 84-89.	9.4	16
90	Conductive and SERS-active colloidal gold films spontaneously formed at a liquid/liquid interface. <i>RSC Advances</i> , 2016, 6, 33326-33331.	3.6	7

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91	Light-Induced Conductivity in a Solution-Processed Film of Polydiacetylene and Perylene Diimide. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 1628-1631.	4.6	20
92	Lipid-Bilayer Dynamics Probed by a Carbon Dot-Phospholipid Conjugate. <i>Biophysical Journal</i> , 2016, 110, 2016-2025.	0.5	31
93	“Bottom-up” transparent electrodes. <i>Journal of Colloid and Interface Science</i> , 2016, 482, 267-289.	9.4	17
94	Hierarchical Assembly of Polydiacetylene Microtube Biosensors Mediated by Divalent Metal Ions. <i>ChemPlusChem</i> , 2016, 81, 119-124.	2.8	16
95	Carbon-Dot/Silver-Nanoparticle Flexible SERS-Active Films. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25637-25643.	8.0	68
96	Colorimetric analysis of painting materials using polymer-supported polydiacetylene films. <i>New Journal of Chemistry</i> , 2016, 40, 9054-9059.	2.8	15
97	Imaging <i>Pseudomonas aeruginosa</i> Biofilm Extracellular Polymer Scaffolds with Amphiphilic Carbon Dots. <i>ACS Chemical Biology</i> , 2016, 11, 1265-1270.	3.4	43
98	Tuneable light-emitting carbon-dot/polymer flexible films prepared through one-pot synthesis. <i>Nanoscale</i> , 2016, 8, 3400-3406.	5.6	79
99	“Beating speckles” via electrically-induced vibrations of Au nanorods embedded in sol-gel. <i>Scientific Reports</i> , 2015, 4, 3666.	3.3	2
100	Chromatic polymer assays for the analysis of lipid and lipoprotein peroxidation. <i>Lipid Technology</i> , 2015, 27, 86-89.	0.3	3
101	Single-Step Assembly of Large-Area, Transparent Conductive Patterns Induced Through Edge Adsorption of Template-Confining Au-Thiocyanate. <i>Advanced Materials Interfaces</i> , 2015, 2, 1400430.	3.7	7
102	Colorimetric Polymer Assay for the Diagnosis of Plasma Lipids Atherogenic Quality in Hypercholesterolemic Patients. <i>Molecular Diagnosis and Therapy</i> , 2015, 19, 35-43.	3.8	6
103	Mixed Diacetylene/Octadecyl Melamine Nanowires Formed at the Air/Water Interface Exhibit Unique Structural and Colorimetric Properties. <i>Langmuir</i> , 2015, 31, 5843-5850.	3.5	31
104	A flexible high-sensitivity piezoresistive sensor comprising a Au nanoribbon-coated polymer sponge. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9247-9252.	5.5	46
105	Stacking interactions by two Phe side chains stabilize and orient assemblies of even the minimal amphiphilic β -sheet motif. <i>Chemical Communications</i> , 2015, 51, 3154-3157.	4.1	26
106	Bacterial detection with amphiphilic carbon dots. <i>Analyst</i> , The, 2015, 140, 4232-4237.	3.5	103
107	Unilamellar Vesicles from Amphiphilic Graphene Quantum Dots. <i>Chemistry - A European Journal</i> , 2015, 21, 7755-7759.	3.3	16
108	Polymeric carrier-mediated intracellular delivery of phosphatidylinositol-3,4,5-trisphosphate to overcome insulin resistance. <i>Journal of Drug Targeting</i> , 2015, 23, 698-709.	4.4	4

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109	Photocatalytic hybrid Au/ZnO nanoparticles assembled through a one-pot method. <i>Journal of Colloid and Interface Science</i> , 2015, 460, 113-118.	9.4	26
110	Directed self-assembly of graphene oxide on an electrospun polymer fiber template. <i>Carbon</i> , 2015, 95, 888-894.	10.3	11
111	Toxicity Inhibitors Protect Lipid Membranes from Disruption by A β 42. <i>ACS Chemical Neuroscience</i> , 2015, 6, 1860-1869.	3.5	28
112	Dramatic Shape Modulation of Surfactant/Diacetylene Microstructures at the Air/Water Interface. <i>Chemistry - A European Journal</i> , 2014, 20, 16747-16752.	3.3	7
113	Nanostructure Synthesis at the Solid/Water Interface: Spontaneous Assembly and Chemical Transformations of Tellurium Nanorods. <i>ChemPhysChem</i> , 2014, 15, 3026-3031.	2.1	5
114	Spontaneous Assembly of Extremely Long, Horizontally Aligned, Conductive Gold MicroWires in a Langmuir Monolayer Template. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400187.	3.7	7
115	A novel approach for noninvasive drug delivery and sensing through the amniotic sac. <i>Journal of Controlled Release</i> , 2014, 183, 105-113.	9.9	9
116	Synthesis, biological, and biophysical studies of DAG-indololactones designed as selective activators of RasGRP. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3123-3140.	3.0	11
117	Nonplanar Conductive Surfaces via Bottom-Up Nanostructured Gold Coating. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 3341-3346.	8.0	16
118	Poly(methyl methacrylate)-Supported Polydiacetylene Films: Unique Chromatic Transitions and Molecular Sensing. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 8613-8620.	8.0	70
119	Membrane analysis with amphiphilic carbon dots. <i>Chemical Communications</i> , 2014, 50, 10299-10302.	4.1	84
120	Transparent, conductive polystyrene in three dimensional configurations. <i>Polymer</i> , 2014, 55, 5095-5101.	3.8	9
121	Aligned Au MicroWires: Spontaneous Assembly of Extremely Long, Horizontally Aligned, Conductive Gold MicroWires in a Langmuir Monolayer Template (<i>Adv. Mater. Interfaces</i> 8/2014). <i>Advanced Materials Interfaces</i> , 2014, 1, .	3.7	1
122	Lipid Bilayers Significantly Modulate Cross-Fibrillation of Two Distinct Amyloidogenic Peptides. <i>Journal of the American Chemical Society</i> , 2013, 135, 13582-13589.	13.7	25
123	Transparent, conductive gold nanowire networks assembled from soluble Au thiocyanate. <i>Chemical Communications</i> , 2013, 49, 8552.	4.1	30
124	Polydiacetylenes recent molecular advances and applications. <i>RSC Advances</i> , 2013, 3, 21192.	3.6	140
125	Aggregation of Oligoarginines at Phospholipid Membranes: Molecular Dynamics Simulations, Time-Dependent Fluorescence Shift, and Biomimetic Colorimetric Assays. <i>Journal of Physical Chemistry B</i> , 2013, 117, 11530-11540.	2.6	34
126	Transparent, conductive, and SERS-active Au nanofiber films assembled on an amphiphilic peptide template. <i>Nanoscale</i> , 2013, 5, 10487.	5.6	27

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127	Aggregation Modulators Interfere with Membrane Interactions of α 2-Microglobulin Fibrils. <i>Biophysical Journal</i> , 2013, 105, 745-755.	0.5	27
128	N-terminal aromatic residues closely impact the cytolytic activity of cupiennin 1a, a major spider venom peptide. <i>Toxicon</i> , 2013, 75, 177-186.	1.6	15
129	Bolaamphiphilic vesicles encapsulating iron oxide nanoparticles: New vehicles for magnetically targeted drug delivery. <i>International Journal of Pharmaceutics</i> , 2013, 450, 241-249.	5.2	26
130	Patterned Transparent Conductive Au Films through Direct Reduction of Gold Thiocyanate. <i>Advanced Functional Materials</i> , 2013, 23, 5663-5668.	14.9	25
131	Direct three-dimensional visualization of membrane disruption by amyloid fibrils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20455-20460.	7.1	162
132	Membrane interactions of ionic liquids: Possible determinants for biological activity and toxicity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2967-2974.	2.6	102
133	Biofilm Formation on Chromatic Solâ€“Gel/Polydiacetylene Films. <i>ChemPlusChem</i> , 2012, 77, 752-757.	2.8	9
134	Highly compacted DNA nanoparticles with low MW PEG coatings: In vitro, ex vivo and in vivo evaluation. <i>Journal of Controlled Release</i> , 2012, 157, 72-79.	9.9	79
135	Gold Nanoparticle Self-Assembly in Two-Component Lipid Langmuir Monolayers. <i>Langmuir</i> , 2011, 27, 1260-1268.	3.5	21
136	Polydiacetylene-supported silica films formed at the air/water interface. <i>Journal of Colloid and Interface Science</i> , 2011, 364, 428-434.	9.4	7
137	Selfâ€“Assembled Transparent Conductive Electrodes from Au Nanoparticles in Surfactant Monolayer Templates. <i>Advanced Materials</i> , 2011, 23, 4327-4331.	21.0	32
138	Heparin Inhibits Membrane Interactions and Lipidâ€“Induced Fibrillation of a Prion Amyloidogenic Determinant. <i>ChemBioChem</i> , 2011, 12, 761-767.	2.6	9
139	Some Phorbol Esters Might Partially Resemble Bryostatin 1 in their Actions on LNCaP Prostate Cancer Cells and U937 Leukemia Cells. <i>ChemBioChem</i> , 2011, 12, 1242-1251.	2.6	22
140	<i>N</i> -Methylâ€“Substituted Fluorescent DAGâ€“Indololactone Isomers Exhibit Dramatic Differences in Membrane Interactions and Biological Activity. <i>ChemBioChem</i> , 2011, 12, 2331-2340.	2.6	9
141	Amyloid â€“ Membrane Interactions: Experimental Approaches and Techniques. <i>Current Protein and Peptide Science</i> , 2010, 11, 372-384.	1.4	17
142	Editorial [Hot topic: Membrane Interactions of Amyloid Proteins and Peptides (Guest Editor: Raz) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	1.4	0
143	Divergent Heparinâ€“Induced Fibrillation Pathways of a Prion Amyloidogenic Determinant. <i>ChemBioChem</i> , 2010, 11, 1997-2002.	2.6	27
144	Membraneâ€“Surface Anchoring of Charged Diacylglycerolâ€“Lactones Correlates with Biological Activities. <i>ChemBioChem</i> , 2010, 11, 2003-2009.	2.6	2

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145	Inside Cover: Membrane-Surface Anchoring of Charged Diacylglycerol-Lactones Correlates with Biological Activities (ChemBioChem 14/2010). ChemBioChem, 2010, 11, 1926-1926.	2.6	0
146	The effect of backbone cyclization on PK/PD properties of bioactive peptide-peptoid hybrids: The melanocortin agonist paradigm. Bioorganic and Medicinal Chemistry, 2010, 18, 580-589.	3.0	36
147	Membrane anchoring of diacylglycerol lactones substituted with rigid hydrophobic acyl domains correlates with biological activities. FEBS Journal, 2010, 277, 233-243.	4.7	15
148	Specific Mutations Alter Fibrillation Kinetics, Fiber Morphologies, and Membrane Interactions of Pentapeptides Derived from Human Calcitonin. Biochemistry, 2010, 49, 5299-5307.	2.5	16
149	Gold Nanoparticle Self-Assembly in Saturated Phospholipid Monolayers. Langmuir, 2010, 26, 7893-7898.	3.5	22
150	Lipid-Induced Calcitonin Fibrillation Blocks Membrane Interactions of a Peptide Antibiotic. Journal of Physical Chemistry B, 2010, 114, 15530-15535.	2.6	3
151	Membrane Interactions of Novicidin, a Novel Antimicrobial Peptide: Phosphatidylglycerol Promotes Bilayer Insertion. Journal of Physical Chemistry B, 2010, 114, 11053-11060.	2.6	25
152	Lipid-Modulated Pharmacophore Nanorods Assembled at the Air/Water Interface. ChemPhysChem, 2009, 10, 2615-2619.	2.1	3
153	Laser-Modulated Ordering of Gold Nanoparticles at the Air/Water Interface. Angewandte Chemie - International Edition, 2009, 48, 4540-4542.	13.8	11
154	Gold Nanostructures in Diacetylene Monolayer Templates. Journal of the American Chemical Society, 2009, 131, 2430-2431.	13.7	11
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