

# Ariel Fernández Stigliano

## List of Publications by Year in descending order

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415  
papers

5,041  
citations

117453

34  
h-index

138251

58  
g-index

428  
all docs

428  
docs citations

428  
times ranked

3744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Augmented reality three-dimensional visualization with multifocus sensing. , 2022, 1, 355.		5
2	Critical Mutations of the SARS-CoV-2 Virus. WSEAS Transactions on Biology and Biomedicine, 2022, 19, 22-30.	0.3	1
3	Computational multifocus fluorescence microscopy for three-dimensional visualization of multicellular tumor spheroids. Journal of Biomedical Optics, 2022, 27, .	1.4	4
4	Glycosylation of SARS-CoV-2 Steers Evolutionary Outcomes in the Postvaccination Phase. ACS Pharmacology and Translational Science, 2021, 4, 410-412.	2.5	11
5	SARS-CoV-2 Glycosylation Suggests That Vaccines Should Have Adopted the S1 Subunit as Antigen. ACS Pharmacology and Translational Science, 2021, 4, 1016-1017.	2.5	7
6	Toward the Next-Generation COVID-19 Vaccines That Circumvent Antigenic Drift while Defusing Viral Infection. ACS Pharmacology and Translational Science, 2021, 4, 1018-1020.	2.5	4
7	Artificial Intelligence Set to Reverse Engineer Drug Targeting in the Cell. ACS Pharmacology and Translational Science, 2021, 4, 1256-1259.	2.5	0
8	Molecular Biology Clues Portray SARS-CoV-2 as a Gain-of-Function Laboratory Manipulation of Bat CoV RaTG13. ACS Medicinal Chemistry Letters, 2021, 12, 941-942.	1.3	5
9	Artificial Intelligence Deconstructs Drug Targeting <i>In Vivo</i> by Leveraging a Transformer Platform. ACS Medicinal Chemistry Letters, 2021, 12, 1052-1055.	1.3	2
10	COVID-19 Evolution in the Post-Vaccination Phase: Endemic or Extinct?. ACS Pharmacology and Translational Science, 2021, 4, 403-405.	2.5	6
11	Hough Transform Processing in 3D Object Detection and Visualization. , 2021, , .		0
12	Focus stacking and 3D visualization in multispectral microscopy of thick samples. , 2021, , .		0
13	Alternative antigen to defuse SARS-CoV-2 delta variant and its ensuing evolutionary lineage. Expert Opinion on Therapeutic Targets, 2021, , 1-3.	1.5	0
14	Learning Optics with a DIY Polarization-based 3D display. , 2021, , .		0
15	Artificial Intelligence Steering Molecular Therapy in the Absence of Information on Target Structure and Regulation. Journal of Chemical Information and Modeling, 2020, 60, 460-466.	2.5	3
16	Driving the catalytic activity of a transmembrane thermosensor kinase. Cellular and Molecular Life Sciences, 2020, 77, 3905-3912.	2.4	5
17	Defusing SARS-CoV-2: Emergency Brakes in a Vaccine Failure Scenario. ACS Pharmacology and Translational Science, 2020, 3, 1425-1426.	2.5	2
18	Therapeutically Targeted Destabilization of the Quaternary Structure of the Spike Protein in the Dominant G614 Strain of SARS-CoV-2. ACS Pharmacology and Translational Science, 2020, 3, 1027-1029.	2.5	4

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19	Structural Impact of Mutation D614G in SARS-CoV-2 Spike Protein: Enhanced Infectivity and Therapeutic Opportunity. ACS Medicinal Chemistry Letters, 2020, 11, 1667-1670.	1.3	64
20	Achillesâ€™ Heel of SARS-CoV-2 Structure. ACS Pharmacology and Translational Science, 2020, 3, 1030-1031.	2.5	5
21	Artificial Intelligence Teaches Drugs to Target Proteins by Tackling the Induced Folding Problem. Molecular Pharmaceutics, 2020, 17, 2761-2767.	2.3	7
22	Deep Learning Unravels a Dynamic Hierarchy While Empowering Molecular Dynamics Simulations. Annalen Der Physik, 2020, 532, 1900526.	0.9	1
23	Targeted Disassembling of SARS-CoV-2 as It Gets Ready for Cell Penetration. ACS Medicinal Chemistry Letters, 2020, 11, 2055-2057.	1.3	3
24	Deep Learning to Therapeutically Target Unreported Complexes. Trends in Pharmacological Sciences, 2019, 40, 551-554.	4.0	4
25	Protein structural defects enable pharmaceutical targeting while functionalizing the M2 proton channel. Biochemical and Biophysical Research Communications, 2019, 514, 86-91.	1.0	0
26	Reverse Engineering of a Thermosensing Regulator Switch. Journal of Molecular Biology, 2019, 431, 1016-1024.	2.0	8
27	Drug-based cancer therapy to overcome immune resistance by steering tumor evolution. Expert Opinion on Drug Discovery, 2019, 14, 5-8.	2.5	0
28	Robust object recognition in 3D scene by stereo vision image processing with the generalized Hough transform. , 2019, , .		1
29	Fully invariant generalized Hough transform by out-of-focus multiview sensing with pupil array. Applied Optics, 2019, 58, 7766.	0.9	8
30	Targeted therapy to annihilate the immune-evading phenotype in cancer evolution. Expert Opinion on Therapeutic Targets, 2018, 22, 559-562.	1.5	0
31	Stickiness of the Hydrogen Bond. Annalen Der Physik, 2018, 530, 1800162.	0.9	4
32	All-in-focus image reconstruction robust to ghosting effect. , 2018, , .		2
33	Making Targeted Therapy Compatible with Checkpoint Immunotherapy. Trends in Biotechnology, 2017, 35, 582-584.	4.9	1
34	Incoherent optical generalized Hough transform: pattern recognition and feature extraction applications. Optical Engineering, 2017, 56, 053107.	0.5	5
35	Dielectric response of frustrated water down to a singleâ€™molecule contribution. Annalen Der Physik, 2017, 529, 1600373.	0.9	3
36	Advanced Modeling Reconciles Counterintuitive Decisions in Lead Optimization. Trends in Biotechnology, 2017, 35, 490-497.	4.9	7

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37	Engineering Tumor Hypersusceptibility to Checkpoint Immunotherapy. Trends in Cancer, 2017, 3, 675-677.	3.8	2
38	Epistruure-Based Design of Drugs with Controlled Promiscuity. Soft and Biological Matter, 2016, , 351-376.	0.3	1
39	Epistruural Dynamics of Biological Water. Soft and Biological Matter, 2016, , 105-120.	0.3	0
40	Solution to the Protein Folding Problem. Soft and Biological Matter, 2016, , 71-103.	0.3	0
41	Non-Debye frustrated hydration steers biomolecular association: interfacial tension for the drug designer. FEBS Letters, 2016, 590, 3481-3491.	1.3	5
42	Interfacial Physics for Water in Biology. Soft and Biological Matter, 2016, , 1-46.	0.3	0
43	Pattern recognition and feature extraction with an optical Hough transform. , 2016, , .		0
44	Epistruural Drug Design to Treat Cancer Metastasis and the Associated Drug Resistance. Soft and Biological Matter, 2016, , 417-425.	0.3	0
45	Acid-base chemistry of frustrated water at protein interfaces. FEBS Letters, 2016, 590, 215-223.	1.3	1
46	Ion transfer of weak acids across liquid   liquid interfaces. Journal of Electroanalytical Chemistry, 2016, 774, 111-121.	1.9	9
47	Quantum Mechanical Concepts for Epistruural Drug Design. Soft and Biological Matter, 2016, , 393-401.	0.3	0
48	Reconstruction of perspective shifts and refocusing of a three-dimensional scene from a multi-focus image stack. Applied Optics, 2016, 55, 2380.	2.1	45
49	Effectiveness of an mHealth intervention to improve the cardiometabolic profile of people with prehypertension in low-resource urban settings in Latin America: a randomised controlled trial. Lancet Diabetes and Endocrinology, the, 2016, 4, 52-63.	5.5	117
50	Effect of ligand protonation on the facilitated ion transfer reactions across oil   water interfaces. V. Applications of forced hydrodynamic conditions. Journal of Electroanalytical Chemistry, 2016, 765, 100-104.	1.9	10
51	Drug leads for interactive protein targets with unknown structure. Drug Discovery Today, 2016, 21, 531-535.	3.2	1
52	Drug-Target Associations Inducing Protein Folding. Soft and Biological Matter, 2016, , 305-321.	0.3	2
53	Robust Pattern Recognition with Optical Generalized Hough Transform. , 2016, , .		1
54	Image segmentation by nonlinear filtering of optical Hough transform. Applied Optics, 2016, 55, 3632.	2.1	9

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55	Synergizing Engineered Immunotherapy with Molecularly Targeted Cancer Treatment. <i>Soft and Biological Matter</i> , 2016, , 377-391.	0.3	0
56	Dehydron-Rich Proteins in the Order-Disorder Twilight Zone. <i>Soft and Biological Matter</i> , 2016, , 121-150.	0.3	0
57	Catalytic Role of Dehydrons in Soluble Proteins: Biological Chemistry of Frustrated Interfacial Water. <i>Soft and Biological Matter</i> , 2016, , 181-216.	0.3	0
58	Structure-Based Drug Discovery Without Structure: Working Around the Paradox to Disrupt Protein-Protein Associations. <i>Soft and Biological Matter</i> , 2016, , 403-415.	0.3	0
59	Drug Combinations to Enhance Therapeutic Efficacy and Edit Out Side Effects and Resistance to Inhibition of Drug Resistance. <i>Soft and Biological Matter</i> , 2016, , 323-350.	0.3	0
60	Epistuctural Re-engineering of Imatinib to Eliminate Adverse Side Effects. <i>Soft and Biological Matter</i> , 2016, , 239-265.	0.3	0
61	Epistuctural Informatics for the Drug Designer. <i>Soft and Biological Matter</i> , 2016, , 267-304.	0.3	0
62	Epistuctural Selectivity Filters for Molecular Targeted Therapy. <i>Soft and Biological Matter</i> , 2016, , 217-237.	0.3	0
63	Dehydron as a Marker for Molecular Evolution: Lessons for the Drug Designer. <i>Soft and Biological Matter</i> , 2016, , 151-179.	0.3	0
64	Dielectric Structure of Aqueous Interfaces: From Classical Non-Debye Electrostatics to a Quantum Theory of Interfacial Tension. <i>Soft and Biological Matter</i> , 2016, , 47-70.	0.3	0
65	Discordant identification of pediatric severe sepsis by research and clinical definitions in the SPROUT international point prevalence study. <i>Critical Care</i> , 2015, 19, 325.	2.5	85
66	Drug-Based Disruption of Protein Complexes with Unknown Structure: Towards a Novel Platform for Drug Discovery. <i>Journal of Pharmacogenomics &amp; Pharmacoproteomics</i> , 2015, 06, .	0.2	0
67	Chemical Functionality of the Aqueous Interface in Soluble Proteins. , 2015, , 151-174.		0
68	Electrostatic Exploration of Biomolecular Interfaces: The Chemical Function of Interfacial Water. , 2015, , 35-51.		0
69	Real-time pattern recognition using an optical generalized Hough transform. <i>Applied Optics</i> , 2015, 54, 10586.	2.1	11
70	Quantum theory of interfacial tension quantitatively predicts spontaneous charging of nonpolar aqueous interfaces. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015, 379, 2405-2408.	0.9	2
71	Pediatric Index of Mortality 2 as a predictor of death risk in children admitted to pediatric intensive care units in Latin America: A prospective, multicenter study. <i>Journal of Critical Care</i> , 2015, 30, 1324-1330.	1.0	21
72	Biomolecular Interfaces. , 2015, , .		7

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73	Semiempirical Solution to the Protein Folding Problem Through a Combination of Structural and Episturctural Approaches. , 2015, , 53-82.		0
74	Packing defects functionalize soluble proteins. FEBS Letters, 2015, 589, 967-973.	1.3	8
75	Challenges of Implementing mHealth Interventions for Lifestyle Modification in Prehypertensive Subjects in Argentina, Guatemala, and Peru. , 2015, , 119-127.		4
76	Optical implementation of the generalized Hough transform with totally incoherent light. Optics Letters, 2015, 40, 3901.	1.7	12
77	All-in-focus image reconstruction under severe defocus. Optics Letters, 2015, 40, 1671.	1.7	35
78	High-Level Quantum Chemistry Empowers the Wrapping Technology for Drug Design. , 2015, , 325-330.		0
79	Comparative electrochemical performance of electrodeposited polypyrrole in protic and aprotic ionic liquids. Journal of Electroanalytical Chemistry, 2015, 737, 23-29.	1.9	10
80	Aceptabilidad de una intervenci3n basada en salud m3vil para modificar estilos de vida en prehipertensos de Argentina, Guatemala y Per3: un estudio piloto. Revista Peruana De Medicina De Experimental Y Salud Publica, 2015, 32, 221.	0.1	10
81	Proteins in the Order4Disorder Twilight: Unstable Interfaces Promote Protein Aggregation. , 2015, , 97-126.		2
82	Packing Defects and Protein Hydration: Dynamics of the Aqueous Interface. , 2015, , 83-96.		0
83	Engineering Therapeutic Alignments Between Immune Response and Molecularly Targeted Cancer Treatment. , 2015, , 311-323.		0
84	The Aqueous Interface of a Soluble Protein or the Birth of Episturctural Biology. , 2015, , 1-33.		2
85	Evolutionary Roots of Proteomic Complexity and Lessons for the Drug Designer. Journal of Pharmacogenomics & Pharmacoproteomics, 2015, 06, .	0.2	0
86	Evolution of Protein Structure Degradation and Lessons for the Drug Designer. , 2015, , 127-149.		0
87	Multitarget Control of Drug Impact: A Therapeutic Imperative in Cancer Systems Biology. , 2015, , 285-309.		0
88	Biomolecular Interfaces Provide Universal Markers for Drug Specificity and Personalized Medicine. , 2015, , 217-241.		0
89	The Biomolecular Interface as a Selectivity Filter for Drug-Based Targeted Therapy. , 2015, , 175-192.		0
90	Real-time Optical Realization of Circle Hough Transform with Incoherent Light. , 2015, , .		0

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91	Evolución de la estructura socioeconómica de la región pampeana argentina. El proceso de concentración de la producción en el período 1988-2008. Cuadernos De Economía (Colombia), 2015, 34, 143-171.	0.2	1
92	Editorial Expression of Concern: Non-adaptive origins of interactome complexity. Nature, 2014, 516, 440-440.	13.7	0
93	Synergizing immunotherapy with molecular-targeted anticancer treatment. Drug Discovery Today, 2014, 19, 1427-1432.	3.2	8
94	Water promotes the sealing of nanoscale packing defects in folding proteins. Journal of Physics Condensed Matter, 2014, 26, 202101.	0.7	9
95	Communication: Chemical functionality of interfacial water enveloping nanoscale structural defects in proteins. Journal of Chemical Physics, 2014, 140, 221102.	1.2	17
96	A lipid-mediated conformational switch modulates the thermosensing activity of DesK. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3579-3584.	3.3	69
97	Productive induced metastability in allosteric modulation of kinase function. FEBS Journal, 2014, 281, 3079-3091.	2.2	2
98	Protein packing defects "heat up" interfacial water. European Physical Journal E, 2013, 36, 62.	0.7	9
99	Single-shot phase recovery using two laterally separated defocused images. Optics Communications, 2013, 293, 1-3.	1.0	18
100	Edge linking and image segmentation by combining optical and digital methods. Optik, 2013, 124, 3260-3264.	1.4	8
101	Breakdown of the Debye polarization ansatz at protein-water interfaces. Journal of Chemical Physics, 2013, 138, 225103.	1.2	8
102	The principle of minimal epistemic distortion of the water matrix and its steering role in protein folding. Journal of Chemical Physics, 2013, 139, 085101.	1.2	17
103	Diseño Electrónico de un Electrocardiograma Basado en Arquitectura ARM9. IFMBE Proceedings, 2013, , 786-789.	0.2	0
104	Provisional theory of nanoscale water dielectrics. Journal of Biological Physics and Chemistry, 2013, 13, 9-11.	0.1	0
105	Entre la vida y la muerte. Testamentos de don Gabriel y doña Lucrecia Fernández Guarachi (Jesús de Tj ETQq1 1_0,784314_0rgBT /Ore		
106	Color encoding of binary fringes for gamma correction in 3-D profiling. Optics Letters, 2012, 37, 1325.	1.7	21
107	Edge enhancement of color images using a digital micromirror device. Applied Optics, 2012, 51, 3439.	0.9	2
108	Communication: Nanoscale electrostatic theory of epistuctural fields at the protein-water interface. Journal of Chemical Physics, 2012, 137, 231101.	1.2	5

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109	Communication: Epistuructural thermodynamics of soluble proteins. Journal of Chemical Physics, 2012, 136, 091101.	1.2	0
110	Ion transfer across liquid   liquid interface under forced hydrodynamic conditions. I: Digital simulations. Journal of Electroanalytical Chemistry, 2012, 666, 42-51.	1.9	7
111	A unifying motif of intermolecular cooperativity in protein associations. European Physical Journal E, 2012, 35, 59.	0.7	9
112	Likelihood of side effects depends on desired clinical impact: Affinities within a very small set of targets enables inference of promiscuity or specificity of kinase inhibitors. , 2012, , .		0
113	Methods for edge enhancement in color images based on derivative operations. , 2012, , .		0
114	Wrapping mimicking in drug-like small molecules disruptive of protein-protein interfaces. Proteins: Structure, Function and Bioinformatics, 2012, 80, 1755-1765.	1.5	13
115	Epistuructural Tension Promotes Protein Associations. Physical Review Letters, 2012, 108, 188102.	2.9	30
116	Purposely engineered drug-target mismatches for entropy-based drug optimization. Trends in Biotechnology, 2012, 30, 1-7.	4.9	22
117	Supramolecular Evolution of Protein Organization. Annual Review of Genetics, 2012, 47, 130628183942007.	3.2	0
118	Three-dimensional profiling with binary fringes using phase-shifting interferometry algorithms. Applied Optics, 2011, 50, 147.	2.1	32
119	Optical processing of color images with incoherent illumination: orientation-selective edge enhancement using a modified liquid-crystal display. Optics Express, 2011, 19, 21091.	1.7	12
120	Incoherent optical processor for nondirectional edge enhancement of color images. Optics Letters, 2011, 36, 4596.	1.7	8
121	Selectivity Filters to Edit Out Deleterious Side Effects in Kinase Inhibitors. Current Topics in Medicinal Chemistry, 2011, 11, 788-799.	1.0	4
122	Variational mechanics of water at biological interfaces. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 292001.	0.7	2
123	Binding of the Highly Toxic Tetracycline Derivative, Anhydrotetracycline, to Bovine Serum Albumin. Biological and Pharmaceutical Bulletin, 2011, 34, 1301-1306.	0.6	18
124	Subfunctionalization reduces the fitness cost of gene duplication in humans by buffering dosage imbalances. BMC Genomics, 2011, 12, 604.	1.2	12
125	Nanoscale thermodynamics of biological interfacial tension. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2011, 467, 559-568.	1.0	8
126	Non-adaptive origins of interactome complexity. Nature, 2011, 474, 502-505.	13.7	118



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127	Pharmaceutical Industry at the Post-Genomic Junction. <i>Metabolomics: Open Access</i> , 2011, 01, .	0.1	2
128	Distribution of ionic components between two immiscible solutions. Partition of weak bases. <i>Journal of Electroanalytical Chemistry</i> , 2010, 640, 42-50.	1.9	7
129	Membrane Thickness Cue for Cold Sensing in a Bacterium. <i>Current Biology</i> , 2010, 20, 1539-1544.	1.8	116
130	Transfer of tylosin across the H <sub>2</sub> O/1,2-dichloroethane interface. Analysis of degraded product in acid solutions. <i>Journal of Electroanalytical Chemistry</i> , 2010, 650, 47-54.	1.9	15
131	c-Jun-NH <sub>2</sub> -kinase-1 Inhibition Leads to Antitumor Activity in Ovarian Cancer. <i>Clinical Cancer Research</i> , 2010, 16, 184-194.	3.2	55
132	Engineering a Thermosensor To Dissect a Transmembrane Signaling System. <i>Biophysical Journal</i> , 2010, 98, 88a.	0.2	0
133	Analog image contouring using a twisted-nematic liquid-crystal display. <i>Optics Express</i> , 2010, 18, 19163.	1.7	8
134	Golden Rule for Buttressing Vulnerable Soluble Proteins. <i>Journal of Proteome Research</i> , 2010, 9, 2643-2648.	1.8	12
135	Induced Disorder in Protein-Ligand Complexes as a Drug-Design Strategy. <i>Molecular Pharmaceutics</i> , 2010, 7, 306-306.	2.3	0
136	Dehydron Analysis: Quantifying the Effect of Hydrophobic Groups on the Strength and Stability of Hydrogen Bonds. <i>Advances in Experimental Medicine and Biology</i> , 2010, 680, 473-479.	0.8	9
137	Transformative Concepts for Drug Design: Target Wrapping. , 2010, , .		21
138	Protein Cooperativity and Wrapping: Two Themes in the Transformative Platform of Molecular Targeted Therapy. , 2010, , 1-15.		5
139	Sub-Nanoscale Surface Ruggedness Provides a Water-Tight Seal for Exposed Regions in Soluble Protein Structure. <i>PLoS ONE</i> , 2010, 5, e12844.	1.1	20
140	Wrapping Deficiencies and De-wetting Patterns in Soluble Proteins: A Blueprint for Drug Design. , 2010, , 49-58.		0
141	Inducing Folding By Crating the Target. , 2010, , 187-196.		0
142	Wrapping as a Selectivity Filter for Molecular Targeted Therapy: Preliminary Evidence. , 2010, , 97-115.		0
143	Last Frontier and Back to the Drawing Board: Protein-Water Interfacial Tension in Drug Design. , 2010, , 217-223.		0
144	Wrapper Drugs as Therapeutic Editors of Side Effects. , 2010, , 197-210.		0

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145	Fulfilling a Therapeutic Imperative in Cancer Treatment: Control of Multi-target Drug Impact. , 2010, , 163-186.		0
146	Evolution of Protein Wrapping and Implications for the Drug Designer. , 2010, , 79-96.		0
147	Under-Wrapped Proteins in the Orderâ€“Disorder Twilight: Unraveling the Molecular Etiology of Aberrant Aggregation. , 2010, , 59-78.		0
148	Wrapper Drugs for Personalized Medicine. , 2010, , 211-215.		0
149	Wrapping Patterns as Universal Markers for Specificity in the Therapeutic Interference with Signaling Pathways. , 2010, , 141-161.		0
150	Re-engineering an Anticancer Drug to Make It Safer: Modifying Imatinib to Curb Its Side Effects. , 2010, , 117-140.		0
151	Wrapping Defects and the Architecture of Soluble Proteins. , 2010, , 17-26.		0
152	Abstract 5468: JNK-1 inhibition leads to antitumor activity in ovarian cancer. , 2010, , .		0
153	Human capacitance to dosage imbalance: Coping with inefficient selection. Genome Research, 2009, 19, 2185-2192.	2.4	9
154	Is there a case for selectively promiscuous anticancer drugs?. Drug Discovery Today, 2009, 14, 1-5.	3.2	28
155	Taming the induced folding of drug-targeted kinases. Trends in Pharmacological Sciences, 2009, 30, 66-71.	4.0	14
156	Selective antagonism of anticancer drugs for side-effect removal. Trends in Pharmacological Sciences, 2009, 30, 403-410.	4.0	20
157	Hydration Profiles of Amyloidogenic Molecular Structures. Journal of Biological Physics, 2008, 34, 577-590.	0.7	8
158	Electroanalytical procedure to resolve a sample solution containing tetracycline and its toxic degraded product: Anhydrotetracycline. Journal of Electroanalytical Chemistry, 2008, 624, 121-128.	1.9	17
159	Turning promiscuous kinase inhibitors into safer drugs. Trends in Biotechnology, 2008, 26, 295-301.	4.9	56
160	<i>In Silico</i> Drug Profiling of the Human Kinome Based on a Molecular Marker for Cross Reactivity. Molecular Pharmaceutics, 2008, 5, 728-738.	2.3	7
161	Protein structure protection commits gene expression patterns. Genome Biology, 2008, 9, R107.	13.9	23
162	Protein wrapping: a molecular marker for association, aggregation and drug design. Chemical Society Reviews, 2008, 37, 2373.	18.7	31

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163	Bottom-Up Engineering of Peptide Cell Translocators Based on Environmentally Modulated Quadrupole Switches. <i>ACS Nano</i> , 2008, 2, 61-68.	7.3	3
164	Induced Disorder in Protein-Ligand Complexes as a Drug-Design Strategy. <i>Molecular Pharmaceutics</i> , 2008, 5, 430-437.	2.3	20
165	Redesigning Kinase Inhibitors to Enhance Specificity. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4890-4898.	2.9	31
166	Protein Under-Wrapping Causes Dosage Sensitivity and Decreases Gene Duplicability. <i>PLoS Genetics</i> , 2008, 4, e11.	1.5	53
167	Folding and Wrapping Soluble Proteins: Exploring the Molecular Basis of Cooperativity and Aggregation. <i>Progress in Molecular Biology and Translational Science</i> , 2008, 83, 53-87.	0.9	5
168	Evolutionary constraints imposed by gene dosage balance. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 4373.	3.0	5
169	Peptide translocators with engineered dehydration-prone hydrogen bonds. <i>Journal of Chemical Physics</i> , 2007, 126, 061102.	1.2	0
170	Solvent-exposed backbone loosens the hydration shell of soluble folded proteins. <i>Journal of Chemical Physics</i> , 2007, 126, 245103.	1.2	12
171	Molecular Basis for Evolving Modularity in the Yeast Protein Interaction Network. <i>PLoS Computational Biology</i> , 2007, 3, e226.	1.5	11
172	Molecular basis for specificity in the druggable kinome: sequence-based analysis. <i>Bioinformatics</i> , 2007, 23, 563-572.	1.8	52
173	Modulating drug impact by wrapping target proteins. <i>Expert Opinion on Drug Discovery</i> , 2007, 2, 249-259.	2.5	1
174	Rational Drug Redesign to Overcome Drug Resistance in Cancer Therapy: Imatinib Moving Target. <i>Cancer Research</i> , 2007, 67, 4028-4033.	0.4	53
175	Therapeutic Efficacy of a Novel Focal Adhesion Kinase Inhibitor TAE226 in Ovarian Carcinoma. <i>Cancer Research</i> , 2007, 67, 10976-10983.	0.4	201
176	Passive Water-Lipid Peptide Translocators with Conformational Switches: From Single-Molecule Probe to Cellular Assay. <i>Journal of Physical Chemistry B</i> , 2007, 111, 13987-13992.	1.2	0
177	Dehydration Propensity of Order-Disorder Intermediate Regions in Soluble Proteins. <i>Journal of Proteome Research</i> , 2007, 6, 3519-3526.	1.8	44
178	Kinase packing defects as drug targets. <i>Drug Discovery Today</i> , 2007, 12, 917-923.	3.2	25
179	Engineering productive enzyme confinement. <i>Trends in Biotechnology</i> , 2007, 25, 189-190.	4.9	26
180	An anticancer C-Kit kinase inhibitor is reengineered to make it more active and less cardiotoxic. <i>Journal of Clinical Investigation</i> , 2007, 117, 4044-4054.	3.9	148

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181	Wrapping technology and the enhancement of specificity in cancer drug treatment. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 3617.	3.0	4
182	Electrocardiografía de 12 canales con atractivas opciones de conectividad. <i>IFMBE Proceedings</i> , 2007, , 452-455.	0.2	0
183	Diseño de un Electrocardiografía Digital. <i>IFMBE Proceedings</i> , 2007, , 537-541.	0.2	0
184	Structural and Conformational Prerequisites of Amyloidogenesis. , 2006, , 1-20.		4
185	A Priori Inference of Cross Reactivity for Drug-Targeted Kinases. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 3092-3100.	2.9	30
186	Feature-similarity protein classifier as a ligand engineering tool. <i>New Biotechnology</i> , 2006, 23, 307-315.	2.7	8
187	Novel electrochemical approach to the determination of the partition coefficient of neutral weak bases. <i>Journal of Electroanalytical Chemistry</i> , 2006, 594, 80-88.	1.9	18
188	Incomplete Protein Packing as a Selectivity Filter in Drug Design. <i>Structure</i> , 2006, 14, 947.	1.6	0
189	Packing defects as selectivity switches for drug-based protein inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 323-328.	3.3	8
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